TheELAMGroup

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April 29, 2020

Mr. Christopher Mauer
Voluntary Cleanup Program ("VCP")
Washington Department of Ecology ("ECY")
P.O. Box 47600
Olympia, WA 98504-7600

VIA CERTIFIED MAIL

Re: Vapor Intrusion Assessment Report - 720 E. 25th Ave, Seattle, WA
VCP ID: NW2009; Cleanup Site ID: 4175: Facility/Site ID: 476174
Former Cherry Cleaners
2510 E. Cherry Street
Seattle, Washington 98122

Dear Mr. Mauer:

On behalf of the former Cherry Street Cleaners, this letter documents an assessment of continued compliance with regard to the potential for vapor intrusion ("VI") at the Islamic School of Seattle ("ISS") pursuant to the Washington Department of Ecology's ("Ecology's") request in January of 2017. This reassessment was conducted to address the recommendation in the prior report, which was to annually conduct a vapor intrusion assessment ("VIA") in the south-central portion of the building during the "reasonable worst case" VI scenario.[1,2] The monitoring of the potential for VI should continue until the subslab soil gas ("SGss") concentrations reduce below the Method B Residential Soil Gas Screening Levels ("SGSLs") for two consecutive events. The following narrative describes this work.

[1] Ecology, 2018, *Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action*, October 2009 (Revised February 2016 and April 2018), Ecology: https://fortress.wa.gov/ecy/publications/documents/0909047.pdf (URL last verified 4/29/20).
[2] A "reasonable worst case" VI scenario as defined by Ecology's draft *Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action*, dated October 2009 (revised February 2016 and April 2018) is a period of time when the building's interior is likely to be "depressurized" relative to the outdoor and subsurface pressures. This condition is common during the "heating season", but also during periods of falling barometric pressure and during snow and/or precipitation when soil gas may preferentially migrate to the drier subsurface airspace beneath building structures.

Background

The building at 720 East 25th Street ("720") is located north of the former Cherry Street Cleaners dry cleaning facility as shown on Figure 1. Cherry Street Cleaners operated at 2510 East Cherry Street from 1968 to 2007. During this period, the facility handled tetrachloroethene ("PCE"), which was released to the subsurface. The constituents of concern ("COCs") in this matter are thus associated with historic dry cleaning operations, including chlorinated volatile organic compounds ("cVOCs") such as PCE and its daughter products TCE, cis-dichloroethene ("c-DCE") and vinyl chloride ("VC"). Several investigations and remedial activities of the COC impacts to soil, groundwater and soil gas have ensued since 2007. Details of the prior work is publicly available through Ecology's dedicated website to this site.[3]

Specific to 720, Ecology issued an Opinion Letter ("Opinion") on 3/6/14 with regard to the VIAs conducted during 2012 and 2013. The VIA data were compared to the Model Toxics Control Act ("MTCA") Method B Residential Indoor Air Cleanup Levels ("IACLs") and Soil Gas Screening Levels ("SGSLs"). The Opinion stated that the vapor intrusion pathway was incomplete at 720 for residential receptors. As of this writing, the building is still used for residential purposes.

On 1/5/17, Ecology requested that Cherry Cleaners once again re-assess the VI potential after receiving a call from the ISS regarding the results. Although Ecology determined that the VI pathway was incomplete, the noncompliant SGss results dictated another VIA.

On 3/16/17, The ELAM Group performed a VIA at the ISS. The results were reported to Ecology in a VIA report, dated 12/13/17.[4] The results indicated that VI was not occurring when comparing the SGss results with the indoor air ("IA") results directly overlying the SGss sample locations. However, a sample from a 2nd-story room in the south-central portion of the ISS building contained concentrations of PCE and TCE that exceeded Ecology's Method B Indoor Air Closure Levels ("IACLs"). The detection could not be rationally explained as stemming from the SGss, but rather as an unidentified source within the room itself.

[3] Ecology, 2017, Cherry Street Cleaners, Ecology: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4175 (URL last accessed 4/29/20).
[4] The ELAM Group, 2017, *Vapor Intrusion Assessment Report - 720 E. 25th Ave., Seattle, WA*, *TO:* Dale Myers, Ecology, *FROM:* James Hogan, The ELAM Group, 12/13/17.

On 1/27/18, The ELAM Group performed a VIA at the ISS. The results were reported to Ecology in a VIA report, dated 11/7/18.[5] The ELAM Group concluded that the VI pathway remains incomplete for the COCs associated with the Cherry Street Cleaners. To ensure that compliance is maintained, it was recommended that a VIA in the south-central portion of the building be conducted annually.

Work Plan Rationale

Based on the recommendation in the prior VIA report, The ELAM Group conducted a VIA at 720.

Procedures

The building inspection and sampling procedures applied to this and any future events is generally as follows:

1. Inspect the building for contaminant sources to indoor air
2. Remove the contaminant sources, if possible
3. Sample the SGss and IA over a 8-hour time period

A detailed summary of The ELAM Group's air sampling procedure is provided in Attachment A.

Results

On 1/25/20, The ELAM Group surveyed the chemicals housed within the ISS building. According to the chemical inventory, some cleaning and air freshening products were removed from the main bath, boiler room, shower room and janitor's closet. None of the chemicals removed contained cVOCs. Not less than 48 hours after the chemicals were

[5] The ELAM Group, 2018, *Vapor Intrusion Assessment Report - 720 E. 25th Ave., Seattle, WA*, *TO:* Sonia Fernandez, Ecology, *FROM:* James Hogan, The ELAM Group, 11/7/18.

removed, The ELAM Group initiated subslab and indoor air sampling using laboratory-supplied 6-liter stainless steel Summa canisters.

The analytical results are summarized in Table 1 and shown relative to sample location on Figure 2. The chemical inventory is provided in Attachment B. The sampling forms are provided in Attachment C. The laboratory analytical report, including Summa canister certifications, is provided in Attachment D.

Analysis

Cherry Street Cleaners COCs Analysis

The concentrations of the COCs associated with the former Cherry Street Cleaners in the samples from 720 all complied with Ecology's respective Method B SGSLs and IACLs with the exception of one subslab sample within the southern portion of the building, specifically:

- The south-central portion of the building contained a concentration of PCE within the subslab that exceeded the Method B SGSL at SS-2

The overlying indoor air sample was lower than the corresponding IACLs. Therefore, vapor intrusion is not occurring at concentrations greater than the applicable Residential IACLs in 720.

Carbon Tetrachloride/Chloroform/Dichlorodifluoromethane Analysis

Carbon Tetrachloride ("CT") and chloroform were both detected in each of the seven IA samples collected from the southern portion of the building. Six of the seven observed concentrations of CT and each of the observed chloroform concentrations exceeded the Method B IACLs. Both COCs were also detected in the two functional SGss sample ports, SS-1 and SS-2, but only CT exceeded the Method B SGSL in one of the samples, SS-2. CT and chloroform were also detected in the outdoor air sample.

The presence of chloroform may be a result of it being a daughter product of CT. CT was commonly used as a dry-cleaning agent up through the 1940s prior to the use of

PCE.[6] Accordingly, the source of the CT could relate to a dry cleaner that operated during that time. The former Neighborhood Cleaners/Unique Cleaners building once existed between 1924 and 1965 at 2522 East Cherry Street ("2522").[7]

An inspection of the historical groundwater data shows that the highest concentration of CT is from MW-23, which is located where the former Neighborhood Cleaners/Unique Cleaners once existed.[4] CT has also been detected at MW-9, which is also near the former Neighborhood/Unique Cleaners. More recent data show that concentrations of CT have also been detected east and west of 2522 at MW-19D and MW-101, respectively. Additionally, CT has been detected southeast and west of the ISS at MW-13 and MW-12, respectively. All of the properties and monitoring wells are shown on Figure 1.[8]

Based on the distribution of CT in groundwater, there may be two off-site source areas of CT. Because we know that CT usage relates to dry cleaning conducted in the 1940s and that the Neighborhood/Unique Cleaners operated during that period and that the highest concentration of CT is detected beneath the former Neighborhood/Unique Cleaners, we conclude that the CT sourced from 2522 East Cherry Street. However, its transport toward the northwest would require a period of time for groundwater to flow in that direction. During our evaluation of the site's groundwater flow since 2007, the flow direction has generally been to the east, but is relatively flat and could have been influenced historically by groundwater pumping.

We do not believe that the Cherry Street Cleaners is a source area of CT or chloroform because Cherry Street Cleaners' use of a chlorinated solvent began in 1968 with PCE and remained PCE until it ceased dry-cleaning activities in 2007. We therefore conclude that the CT and chloroform contamination is unrelated to the Cherry Street Cleaners.

An alternative source of CT may exist at the ISS by way of dichlorodifluoromethane, which is also known as Freon 12. Freon 12 was detected within all SGss and IA samples in the south section of the building. The presence of Freon 12 appears to be

[6] Morrison, R.D. and Murphy, B.L, 2006, *Environmental Forensics*, Elsevier: New York, New York.
[7] ECC Horizon, 2014, *Remedial Investigation*.
[8] The ELAM Group, 2019, *Annual Report*, VCP No. NW2009, Former Cherry Street Cleaners, 6/30/2019

related to the ISS building. When manufactured, Freon 12 was produced from CT via a reaction of CT with hydrogen fluoride in the presence of antimony chloride.[9,10]

Petroleum-Based Chemicals

Finally, a few petroleum-related chemicals were detected at concentrations greater than Ecology's SGSLs and/or IACLs, including benzene, 1,2-dichloroethane, naphthalene and m&p xylene. However, these chemicals are associated with gasoline and are therefore unrelated to the PCE and daughter product COCs associated with the former Cherry Street Cleaners.

Summary and Recommendation

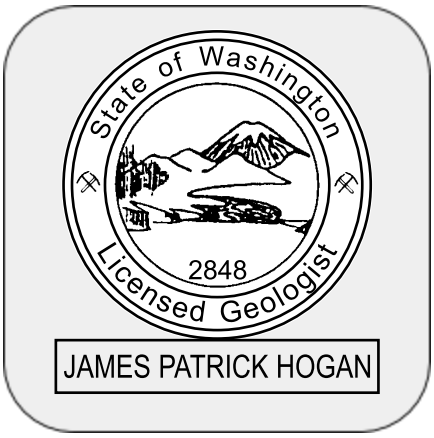
Based on the January 2020 VIA, The ELAM Group concludes that the VI pathway remains incomplete for the COCs associated with the Cherry Street Cleaners. When conjoined with the prior sampling events from 11/30/12, 11/7/13, 3/16/17 and 2/28/18, each of which were conducted during a "reasonable worst case" VI scenario, we have now accumulated five consecutive data sets that suggest VI is not occurring at concentrations greater than the applicable Residential IACLs.

To ensure that compliance is maintained, a VIA in the south-central portion of the building should be conducted annually during the "reasonable worst case" VI scenario. The monitoring for potential VI should be restricted to the southern portion of the ISS building and should continue until the SGss concentrations reduce below the SGSLs for two consecutive events.

[9] USEPA, 1984, *Locating and Estimating Air Emissions from Carbon Tetrachloride*, USEPA Office of Air Quality Document No. EPA-450/4-84-007b, March 1984, USEPA: https://www3.epa.gov/ttnchie1/le/carbtet.pdf (URL last verified 4/29/20).
[10] Urban, P., 2013, *Brethericks Handbook of Reactive Chemical Hazards*, Volume 1, Academic Press, 7th Edition.

Closing

Should you have any questions with this VIA report, please contact me at (888) 510-3526 x102 or james.hogan@elamusa.com.



Sincerely,

TheELAMGroup

Digitally signed by James Hogan
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James P. Hogan, RG

Table

Table 1. Summary of Sub-Slab Soil Gas and Indoor Air VOC Results from 720 E. 25th Street, Seattle, WA

Former Cherry Cleaners

2510 E. Cherry Street, Seattle, WA 98122

VCP No. NW2009

Building Location	Building Floor	Sample Location	Sample ID	Date	Sample Type	Sample Container	Sample Duration (hrs)	Initial Field Can P ("Hg)	Final Field Can P ("Hg)	Analytical Method	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	Benzene	Carbon tetrachloride	Chloroform	Dichlorodifluoro-methane	1,2-Dichloro-ethane	Napthalene	m&p-Xylene
									Chemical Abstracts Service Registry Number (CASRN)		127-18-4	79-01-6	75-01-4	71-43-2	56-23-5	67-66-3	75-71-8	107-06-2	91-20-3	108-38-3
									2015 Indoor Air Cleanup Level, Method B		9.62	0.370	0.280	0.321	0.417	0.109	45.7	0.0962	0.0735	45.7
									2015 Sub-Slab Soil Gas Screening Level, Method B		321	12.3	9.33	10.7	13.9	3.62	1,520	3.21	2.45	1,520
North-West	Basement	IA-14	IA-14 ISS 720 25th Ave	11/30/2012	Indoor Air	6L	8.0	-28.0	-11.0	TO-15 SIM	<0.23	<0.18	<0.044	**1.20**	NT	NT	NT		NT	
	Second Floor	IA-15	IA-15:A110713	11/7/2013	Indoor Air	6L	8.0	-30.0	-6.5	TO-15 SIM	<0.22	<0.18	<0.042		NT	NT	NT		NT	
	First Floor	IA-11	IA-11:A110713	11/7/2013	Indoor Air	6L	8.0	-30.0	-5.0	TO-15 SIM	<0.21	<0.17	<0.040	0.31	NT	NT	NT		NT	0.55
	Basement	IA-8	IA-8:A110713	11/7/2013	Indoor Air	6L	8.0	-29.5	-5.5	TO-15 SIM	<0.23	<0.18	<0.043	**0.36**	NT	NT	NT		NT	0.86
	Basement	SS-8	SS-8:A110713	11/7/2013	Sub-slab	6L	8.0	-30.0	-7.0	TO-15 SIM	1.9	<0.17	0.083		NT	NT	NT		NT	0.85
	Second Floor	IA-15	IA-15:A031617	3/16/2017	Indoor Air	6L	8.1	-35.0	-6.0	TO-15	<1.0	<0.82	<0.77	**1.2**			4.1			2.7
	First Floor	IA-11	IA-11:A031617	3/16/2017	Indoor Air	6L	8.0	-30.0	-5.0	TO-15	<1.0	<0.82	<0.77				3.4			
	Basement	IA-8	IA-8:A031617	3/16/2017	Indoor Air	6L	8.0	-30.0	-5.0	TO-15	<1.0	<0.82	<0.77				3.2			
	Basement	SS-8	SS-8:A031617	3/16/2017	Sub-slab	6L	8.0	-30.0	-5.0	TO-15	4.3	<0.85	<0.81				3.7	2.1	**4.5**	20.5
North-Central	Basement	IA-16	IA-16 ISS 720 25th Ave	11/30/2012	Indoor Air	6L	8.0	-27.5	-5.0	TO-15 SIM	<0.22	<0.18	<0.042	**1.20**	NT	NT	NT		NT	
	Second Floor	IA-14	IA-14:A110713	11/7/2013	Indoor Air	6L	8.0	-30.0	-6.0	TO-15 SIM	<0.22	<0.18	<0.042		NT	NT	NT		NT	
	First Floor	IA-10	IA-10:A110713	11/7/2013	Indoor Air	6L	8.0	-29.0	-5.0	TO-15 SIM	<0.21	<0.17	<0.040	0.29	NT	NT	NT		NT	0.51
	Basement	IA-9	IA-9:A110713	11/7/2013	Indoor Air	6L	8.0	-30.0	-7.0	TO-15 SIM	<0.23	<0.18	<0.043	**0.44**	NT	NT	NT		NT	0.63
	Basement	SS-9	SS-9:A110713	11/7/2013	Sub-slab	6L	8.0	-30.0	-5.5	TO-15 SIM	4.4	<0.17	0.11	0.47	NT	NT	NT		NT	1.6
	Second Floor	IA-14	IA-14:A031617	3/16/2017	Indoor Air	6L	8.1	-26.0	-4.0	TO-15	<1.1	<0.85	<0.81				3.2			
	First Floor	IA-10	IA-10:A031617	3/16/2017	Indoor Air	6L	8.0	-30.0	-5.0	TO-15	<1.0	<0.82	<0.77				3.5			
	Basement	IA-9	IA-9:A031617	3/16/2017	Indoor Air	6L	8.0	-26.5	-4.0	TO-15	<1.1	<0.85	<0.81				3.0		**4.5**	
	Basement	SS-9	SS-9:A031617	3/16/2017	Sub-slab	6L	8.0	-30.0	-6.5	TO-15	4.1	<0.85	<0.81			**5.00**	3.7	1.6		17.7
	First Floor	IA-7	IA-7:A031617	3/16/2017	Indoor Air	6L	8.1	-30.0	-4.0	TO-15	<0.99	<0.79	<0.75				3.5		**4.4**	
	First Floor	SS-7	SS-7:A031617	3/16/2017	Sub-slab	6L	8.1	-30.0	-7.0	TO-15	<1.1	<0.85	<0.81				3.4	1.7		20.3
Center	First Floor	IA-6	IA-6:A110713	11/7/2013	Indoor Air	6L	8.0	-30.0	-5.0	TO-15 SIM	<0.21	<0.16	<0.039	**0.37**	NT	NT	NT		NT	0.59
	First Floor	SS-6	SS-6:A110713	11/7/2013	Sub-slab	6L	8.0	-30.0	-5.0	TO-15 SIM	<0.21	<0.17	<0.040		NT	NT	NT		NT	0.76
	First Floor	IA-6	IA-6:A031617	3/16/2017	Indoor Air	6L	8.0	-29.0	-8.0	TO-15	<0.92	<0.74	<0.70				3.3			
	First Floor	SS-6	SS-6:A031617	3/16/2017	Sub-slab	6L	8.1	-30.0	-6.0	TO-15	<2.1	<0.85	<0.40	0.55			1.9	1.1		20.0
Central-South	First Floor	IA-4	IA-4:A110713	11/7/2013	Indoor Air	6L	8.0	-30.0	-6.0	TO-15 SIM	<0.22	<0.17	<0.040	**0.63**	NT	NT	NT		NT	1.0
	First Floor	IA-5	IA-5:A110703	11/7/2013	Indoor Air	6L	8.0	-30.0	-6.5	TO-15 SIM	<0.21	<0.17	<0.040	**0.39**	NT	NT	NT		NT	0.69
	First Floor	IA-4	IA-4:A031617	3/16/2017	Indoor Air	6L	8.0	-29.0	-6.0	TO-15	<2.1	<0.82	<0.39				1.8			
	First Floor	IA-5	IA-5:A031617	3/16/2017	Indoor Air	6L	8.1	-30.0	-5.5	TO-15	<2.1	<0.82	<0.39				2.1			
	First Floor	SS-4	SS-4:A110713	11/7/2013	Sub-slab	6L	8.0	-30.0	-6.5	TO-15 SIM	0.7	<0.17	<0.040		NT	NT	NT		NT	
	First Floor	SS-5	SS-5:A110713	11/7/2013	Sub-slab	6L	8.0	-30.0	-5.0	TO-15 SIM	0.29	<0.17	0.072		NT	NT	NT		NT	0.72
	First Floor	SS-4	SS-4:A031617	3/16/2017	Sub-slab	6L	8.0	-30.0	-5.0	TO-15	1.2	<0.82	<0.39	0.69			2.1	2.1	**5.1**	22.0
	First Floor	SS-5	SS-5:A031617	3/16/2017	Sub-slab	6L	8.0	-30.0	-6.0	TO-15	<1.8	<0.74	<0.35	0.55			2.1	1.4		21.3

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Former Cherry Cleaners
2510 E. Cherry Street, Seattle, WA 98122
VCP No. NW2009

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									Chemical Abstracts Service Registry Number (CASRN)		127-18-4	79-01-6	75-01-4	71-43-2	56-23-5	67-66-3	75-71-8	107-06-2	91-20-3	108-38-3
									2015 Indoor Air Cleanup Level, Method B		9.62	0.370	0.280	0.321	0.417	0.109	45.7	0.0962	0.0735	45.7
									2015 Sub-Slab Soil Gas Screening Level, Method B		321	12.3	9.33	10.7	13.9	3.62	1,520	3.21	2.45	1,520
South-West	Basement	IA-17	IA-17 ISS 720 25th Ave	11/30/2012	Indoor Air	6L	8.0	-20.0	-0.7	TO-15 SIM	0.57	<0.18	<0.043	**1.2**	NT	NT	NT		NT	
	Basement	IA-13	IA-13 ISS 720 25th Ave	11/30/2012	Indoor Air	6L	8.0	-29.0	-8.0	TO-15 SIM	0.81	<0.20	<0.047	**1.3**	NT	NT	NT		NT	
	Basement	SV-23	SV-23 ISS 720 25th Ave	11/30/2012	Sub-slab	6L	8.0	-28.5	-7.0	TO-15 SIM	230	<0.19	<0.046		NT	NT	NT		NT	
	Basement	SV-24	SV-24 ISS 720 25th Ave	11/30/2012	Sub-slab	6L	8.0	-28.0	-11.0	TO-15 SIM	300	<0.26	<0.062	0.51	NT	NT	NT		NT	
	Second Floor	IA-17	IA-17:A110713	11/7/2013	Indoor Air	6L	8.0	-30.0	-5.0	TO-15 SIM	4.8	**3.2**	<0.033		NT	NT	NT		NT	
	First Floor	IA-13	IA-13:A110713	11/7/2013	Indoor Air	6L	8.0	-30.0	-6.0	TO-15 SIM	0.65	<0.17	<0.040		NT	NT	NT		NT	
	Basement	IA-3	IA-3:A110713	11/7/2013	Indoor Air	6L	8.0	-30.0	-6.5	TO-15 SIM	<0.22	<0.18	<0.042	0.31	NT	NT	NT		NT	0.64
	Basement	SS-3	SS-3:A110713	11/7/2013	Sub-slab	6L	8.0	-27.0	-13.5	TO-15 SIM	4.1	<0.24	0.49	0.95	NT	NT	NT		NT	1.0
	Second Floor	IA-17	IA-17:A031617	3/16/2017	Indoor Air	6L	7.7	-30.0	-6.0	TO-15	<2.1	<0.85	<0.40	**0.62**			1.7			
	First Floor	IA-13	IA-13:A031617	3/16/2017	Indoor Air	6L	8.2	-30.0	-4.0	TO-15	<2.3	<0.92	<0.44				2.4			
	Basement	IA-3	IA-3:A031617	3/16/2017	Indoor Air	6L	8.0	-30.0	-4.0	TO-15	1.0	<0.79	<0.37				2.3			
	Basement	SS-3	SS-3:A031617	3/16/2017	Sub-slab	6L	8.0	-30.0	-30.0	--	Sample not collected because of water in sample port									
	Second Floor	IA-17	IA-17:A022818	2/28/2018	Indoor Air	6L	8.0	-30.0	-2.0	TO-15	0.16	0.089	<0.036	**0.77**	**0.63**	**0.28**	2.4	0.094		
	First Floor	IA-13	IA-13:A022818	2/28/2018	Indoor Air	6L	8.0	-30.0	-2.0	TO-15	0.13	0.13	<0.037	**0.75**	**0.58**	**2.0**	2.2	**0.099**		
	Basement	IA-3	IA-3:A022818	2/28/2018	Indoor Air	6L	8.0	-28.0	-3.0	TO-15	0.22	0.11	<0.040	**0.76**	**0.45**	**0.15**	2.3	0.092		**54.8**
	Basement	SS-3	SS-3:A022818	2/28/2018	Sub-slab	6L	8.0	-30.0	-30.0	--	Sample not collected because of water in sample port									
	Second Floor	IA-17	IA-17:A012720	1/27/2020	Indoor Air	6L	8.0	-30.5	-15.0	TO-15	<0.16	<0.13	<0.060	**0.54**	0.25	**0.49**	2.9	**0.10**		
	First Floor	IA-13	IA-13:A012720	1/27/2020	Indoor Air	6L	8.0	-28.0	-6.0	TO-15	<0.12	<0.093	<0.044	**0.53**	**0.56**	**1.6**	2.8	**0.14**		4.3
	Basement	IA-3	IA-3:A012720	1/27/2020	Indoor Air	6L	8.0	-30.0	-10.0	TO-15	<0.12	<0.096	<0.046	**0.63**	**0.88**	**0.30**	2.8	0.092		
	Basement	SS-3	--	--	Sub-slab	6L	8.0	--	--	--	Sample not collected because of water in sample port									
South-Central	Basement	SV-21	SV-21 ISS 720 25th Ave	11/30/2012	Sub-slab	6L	8.0	-29.0	-8.0	TO-15 SIM	210	1.4	<0.048	**28**	NT	NT	NT		NT	
	Basement	SV-22	SV-22 ISS 720 25th Ave	11/30/2012	Sub-slab	6L	8.0	-29.5	-7.0	TO-15 SIM	240	<0.20	<0.047		NT	NT	NT		NT	
	Second Floor	IA-16	IA-16:A110713	11/7/2013	Indoor Air	6L	8.0	-30.0	-5.0	TO-15 SIM	<0.21	<0.17	<0.040		NT	NT	NT		NT	
	First Floor	IA-12	IA-12:A110713	11/7/2013	Indoor Air	6L	8.0	-30.0	-6.0	TO-15 SIM	<0.21	<0.17	<0.040		NT	NT	NT		NT	
	Basement	IA-2	IA-2:A110713	11/7/2013	Indoor Air	6L	8.0	-30.0	-5.5	TO-15 SIM	0.36	0.20	<0.040	0.31	NT	NT	NT		NT	0.29
	Basement	SS-2	SS-2:A110713	11/7/2013	Sub-slab	6L	8.0	-30.0	-6.5	TO-15 SIM	82	<0.17	0.10	0.33	NT	NT	NT		NT	1.5
	Second Floor	IA-16	IA-16:A031617	3/16/2017	Indoor Air	6L	8.1	-30.0	-6.0	TO-15	**22.5**	**220**	<0.40	**0.62**			2.2			3.0
	First Floor	IA-12	IA-12:A031617	3/16/2017	Indoor Air	6L	8.0	-29.0	-5.0	TO-15	<2.2	<0.89	<0.42				1.6			
	Basement	IA-2	IA-2:A031617	3/16/2017	Indoor Air	6L	8.0	-29.0	-5.0	TO-15	<2.1	<0.85	<0.40				4.7			
	Basement	SS-2	SS-2:A031617	3/16/2017	Sub-slab	6L	8.0	-30.0	-5.5	TO-15	**445**	<0.89	<0.42	0.63	**220.00**	2.60	4.1	1.5		26.2
	Basement	IA-2	FD:A031617	3/16/2017	Indoor Air	6L	8.0	-30.0	-5.0	TO-15	<1.1	<0.85	<0.40	**0.55**			5.2		**15.9**	6.7
	Second Floor	IA-16	IA-16:A022818	2/28/2018	Indoor Air	6L	8.0	-30.0	-3.0	TO-15	0.13	<0.079	<0.037	**0.73**	**0.61**	**0.23**	2.3	0.091		
	Second Floor	IA-16	FD:A022818	2/28/2018	Indoor Air	6L	8.0	-30.0	-5.0	TO-15	0.13	0.086	<0.036	**0.72**	**0.61**	**0.22**	2.3	0.090		
	First Floor	IA-12	IA-12:A022818	2/28/2018	Indoor Air	6L	8.0	-29.0	-10.0	TO-15	0.23	0.23	<0.048	**0.73**	**0.62**	**0.18**	2.4	**0.10**		
	Basement	IA-2	IA-2:A022818	2/28/2018	Indoor Air	6L	8.0	-30.0	-4.0	TO-15	0.29	0.20	<0.040	**0.77**	**0.61**	**0.22**	3.9	0.094		
	Basement	SS-2	SS-2:A022818	2/28/2018	Sub-slab	6L	8.0	-30.0	-2.0	TO-15	**442**	0.26	<0.037	0.24	**205**	2.0	5.7			
	Second Floor	IA-16	IA-16:A012720	1/27/2020	Indoor Air	6L	8.0	-30.0	-4.0	TO-15	0.20	<0.081	<0.039	**0.50**	**0.56**	**0.44**	2.9	0.096		
	Second Floor	IA-16	DuplicateIA:A012720	1/27/2020	Indoor Air	6L	8.0	-30.0	-5.0	TO-15	0.91	<0.085	<0.040	**0.60**	**0.48**	**0.46**	2.8	0.10	5.3	
	First Floor	IA-12	IA-12:A012720	1/27/2020	Indoor Air	6L	8.0	-30.0	-5.0	TO-15	0.13	<0.085	<0.040	**0.66**	**0.56**	**0.31**	2.8	0.096		
	Basement	IA-2	IA-2:A012720	1/27/2020	Indoor Air	6L	8.0	-30.0	-5.0	TO-15	0.71	<0.088	<0.042	**0.57**	**0.50**	**1.1**	2.7	**0.11**		
	Basement	SS-2	SS-2:A012720	1/27/2020	Sub-slab	6L	8.0	-30.0	-9.5	TO-15	**412**	0.48	<0.044	0.66	**119**	2.3	3.2	0.18	**8.0**	87.2

Table 1. Summary of Sub-Slab Soil Gas and Indoor Air VOC Results from 720 E. 25th Street, Seattle, WA

Former Cherry Cleaners

2510 E. Cherry Street, Seattle, WA 98122

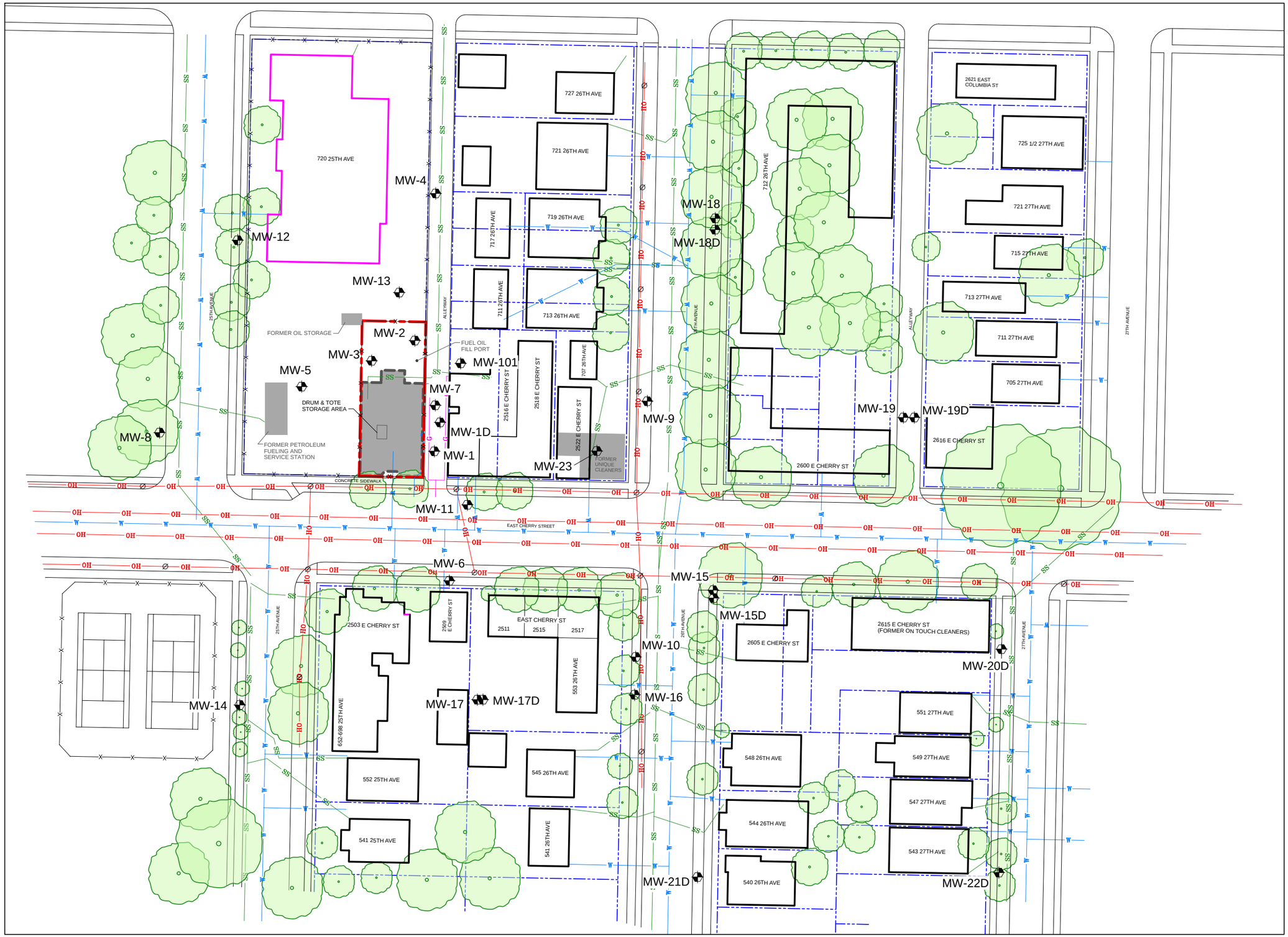
VCP No. NW2009

Building Location	Building Floor	Sample Location	Sample ID	Date	Sample Type	Sample Container	Sample Duration (hrs)	Initial Field Can P ("Hg)	Final Field Can P ("Hg)	Analytical Method	Tetrachloro-ethene	Trichloro-ethene	Vinyl Chloride	Benzene	Carbon tetrachloride	Chloroform	Dichlorodifluoro-methane	1,2-Dichloro-ethane	Napthalene	m&p-Xylene
									Chemical Abstracts Service Registry Number (CASRN)		127-18-4	79-01-6	75-01-4	71-43-2	56-23-5	67-66-3	75-71-8	107-06-2	91-20-3	108-38-3
									2015 Indoor Air Cleanup Level, Method B		9.62	0.370	0.280	0.321	0.417	0.109	45.7	0.0962	0.0735	45.7
									2015 Sub-Slab Soil Gas Screening Level, Method B		321	12.3	9.33	10.7	13.9	3.62	1,520	3.21	2.45	1,520
South-East	Basement	SV-20	SV-20 ISS 720 25th Ave	11/30/2012	Sub-slab	6L	8.0	-30.0	-8.0	TO-15 SIM	67	<0.19	<0.046		NT	NT	NT		NT	
	Basement	SV-25	SV-25 ISS 720 25th Ave	11/30/2012	Sub-slab	6L	8.0	--	--	TO-15 SIM	75	1.7	<0.0046	**30**	NT	NT	NT		NT	
	Basement	IA-1	IA-1:A110713	11/7/2013	Indoor Air	6L	8.0	-30.0	-5.5	TO-15 SIM	0.38	<0.17	<0.040	0.320	NT	NT	NT		NT	
	Basement	SS-1	SS-1:A110713	11/7/2013	Sub-slab	6L	8.0	-30.0	-4.5	TO-15 SIM	26	<0.17	<0.041		NT	NT	NT		NT	0.57
	Basement	IA-1	IA-1:A031617	3/16/2017	Indoor Air	6L	8.0	-30.0	-5.0	TO-15	<2.1	<0.85	<0.40				**66.3**			
	Basement	SS-1	SS-1:A031617	3/16/2017	Sub-slab	6L	8.0	-28.0	-4.0	TO-15	62.7	<0.85	<0.40	0.58			1.9	1.3		21.2
	Basement	IA-1	IA-1:A022818	2/28/2018	Indoor Air	6L	8.0	-29.0	-3.0	TO-15	0.31	<0.079	<0.037	**1.1**	**0.52**	**0.44**	14.8	0.089		
	Basement	SS-1	SS-1:A022818	2/28/2018	Sub-slab	6L	8.0	-28.0	-2.0	TO-15	9.8	**17.5**	<0.037	0.58	0.77	0.26	2.4	0.24		
	Basement	IA-1	IA-1:A012720	1/27/2020	Indoor Air	6L	8.0	-30.0	-5.5	TO-15	0.12	<0.085	<0.040	**0.60**	**0.59**	**0.55**	2.8	0.092		
	Basement	SS-1	SS-1:A012720	1/27/2020	Sub-slab	6L	8.0	-30.0	-6.0	TO-15	84.2	0.28	<0.040	0.57	1.5	1.0	2.8	0.13		59.7
Outdoor Air	NA	AMB-3	AMB-3 ISS 720 25th Ave	11/30/2012	Outdoor Air	6L	8.0	-29.5	-8.0	TO-15 SIM	<0.22	<0.18	<0.042	0.84	NT	NT	NT		NT	
	NA	OA1	OA-1:A110713	11/7/2013	Outdoor Air	6L	8.0	-30.0+	-6.0	TO-15 SIM	<0.21	<0.17	<0.040	0.35	NT	NT	NT		NT	
	NA	OA2	OA-1:A110713	11/7/2013	Outdoor Air	6L	8.0	-30.0+	-6.5	TO-15 SIM	<0.22	<0.17	<0.041	0.35	NT	NT	NT		NT	
	NA	OA720	OA-720:A022818	2/28/2018	Outdoor Air	6L	8.0	-30.0+	-4.0	TO-15 SIM	0.20	0.17	<0.039	0.77	0.65	0.12	2.3	0.091		
	NA	OA720	OA720:A012720	1/27/2020	Outdoor Air	6L	8.0	-30.0	-5.0	TO-15 SIM	1.3	0.089	<0.041	2.0	0.74	0.43	2.6	0.095		21.1

Notes:

1. All air analytical results are presented in micrograms per cubic meter (ug/m3).
2. All results are displayed for PCE and its daughter compounds, TCE and vinyl chloride. The other compounds presented contain at least one sample that was detected at a concentration greater than the applicable screening level.
3. A bold font style indicates that the concentration exceeds the applicable Method B Screening Level. For carcinogens, the Cancer Screening Level is used. For non-carcinogens, the Noncancer Screening Level is used.
4. NT = Not Tested
5. NA = Not Applicable

Figures



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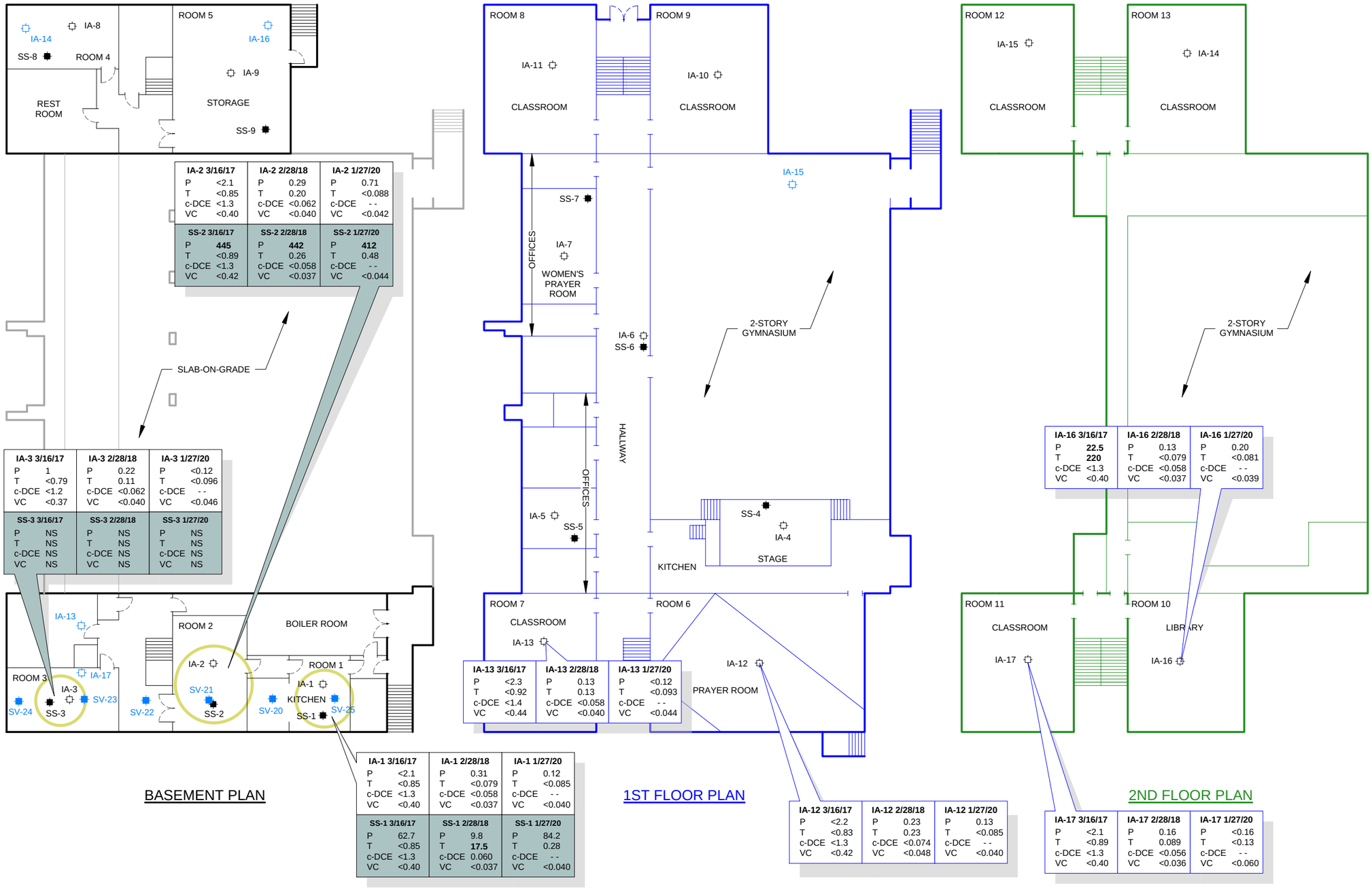
LEGEND

- Monitoring Well
- Injection Well
- SS — Underground Sanitary Sewer Line
- W — Underground Water Line
- G — Underground Natural Gas Line
- OH — Overhead Electric Line
- Utility Pole
- Tree
- Former Building Location
- Vapor Intrusion Assessment Location

Notes:

0 30 60

Figure No:	1
Title:	Site Map
Scale:	1" = 60'
Project No:	WAKS2510C
Report:	VIA Report
Drawn by:	The ELAM Group
Date:	03/26/2020



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LEGEND

- Air Sampling Point
- Subslab Soil Gas Sampling Point
- Air Sampling Point (2012)
- Subslab/Crawl Space Soil Gas Sampling Point (2012)

Notes:

1) Analytical results are presented in micrograms per cubic meter (ug/m3).

2) Analytical results shown in bold font style exceed the Model Toxics Control Act (MTCA) Method B Cancer Levels that were published by the WA Dept. of Ecology on 4/6/15.

P	Tetrachloroethylene (PCE)
T	Trichloroethylene (TCE)
c-DCE	cis-1,2-Dichloroethane
VC	Vinyl Chloride

N

0 10 20 feet

Figure No: 2

Title: VIA Sample Results

Scale: 1" = 20'

Project No: WAKS2510C

Report: VIA Report

Drawn by: The ELAM Group

Date: 03/26/2020

Attachment A

Vapor Intrusion Assessment Procedures

TheELAMGroup

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Vapor Intrusion Assessment Procedures

Islamic School of Seattle
720 E 25th Avenue
Seattle, Washington

The VIA process generally included the following steps:

1. An inspection of each premises and removal of chemicals prior to sampling
2. Subslab soil gas (SGss) sample port integrity testing and purging of nine previously-installed sub-slab vapor ports
3. Simultaneous collection of indoor air (IA) and sub-slab soil gas (SGss) samples over an 8-hour time-weighted average (TWA) period

The procedures for conducting these tasks are described in the following narrative.

Pre-Vapor Intrusion Sampling Inspection

The building was inspected for chemicals that could potentially interfere with the VIA prior to sampling. The inspection identified several containers that had the potential to contain VOCs, however none were found to contain cVOCs. These items mainly consisted of cleaning products, air freshners and solvents; some of which were contained in aerosol containers. All chemicals with the potential of VOCs were removed from the premises 48 hours before sampling.

SGss Sample Port Integrity Testing

Prior to sampling, the integrity of each sub-slab vapor port seal was tested via a *water dam test* procedure. The water dam test consists of removing the stainless steel cover, pouring distilled water into the recessed area of the port and monitoring the water level

for a period of at least 5 minutes. If the water level does not change, the port's seal is intact. The water dam test showed that the seals of all three sample ports were intact.

Sample Collection

The VIA sampling consisted of seven IA samples, two SGss samples, and one outdoor air (OA) sample. The building construction includes partial basements on the north and south ends of the building; a first floor with offices, hallways, and a two-story gymnasium; and a second floor with hallways, classrooms, and a balcony overlooking the gymnasium. VIA samples were collected from each floor of the building as follows:

- ❏ Basement - two SGss samples paired with three IA samples
- ❏ First Floor - two IA samples overlying the basement IA sample locations
- ❏ Second Floor - two IA samples overlying the first floor sample locations

To prepare the sample ports for sampling, each port was purged of 1 liter of air with a manual transfer pump by removing the port's cap, connecting sample tubing to the port and transfer pump intake and connecting the effluent end of the transfer pump to a 1-liter Tedlar bag. After successfully purging 1 liter, the valve on the Tedlar bag was sealed, and the sample tubing was connected to the 6-liter stainless steel Summa sample canisters.

The samples were collected into laboratory-supplied reusable 6-liter stainless steel Summa canisters. Each Summa canister was individually certified clean, depressurized and equipped with a dedicated regulator set to draw a sample into the canister over an 8-hour period.

A field duplicate sample and an outdoor air sample were also collected for quality assurance and quality control (QA/QC). The field duplicate sample (labeled FD) was collected in a separate 6-liter Summa canister placed next to the Summa canister for IA-16. The outdoor air sample (labeled OA) was collected from an upwind location outside the buildings as shown on Figure 1.

Prior to sampling, each canister and valve was assembled. The assembly was inspected for negative pressure of at least -24 inches of mercury (-24" Hg). Thereafter, the Summa canisters were placed at the locations shown on Figure 1. IA samples were collected from the breathable space within the buildings at heights from 3 to 5 feet

above the floor. SGss samples were collected through dedicated polyethylene tubing that connected the Summa canister to the sample port.

After placement was complete, each valve was opened and initial canister pressures were recorded. Subsequent negative pressure readings were collected during the first two hours of sampling to monitor the steadiness of the sample intake into the Summa canister. If a canister vacuum was not declining at a steady rate of approximately 3 inches of mercury (“Hg) per hour, then the canister was replaced. During the final 2 hours of the 8-hour sample period, pressure readings were again recorded. If the vacuum pressure reduced to 3” Hg or less, the valve was immediately closed. At the completion of the 8-hour sample period, each valve was closed and a final pressure reading was recorded. The Summa canisters and valves were packaged and delivered to Pace Analytical Laboratories, Inc. under Chain-of-Custody documentation for chemical analysis of VOCs via U.S. EPA Method TO-15.

Attachment B

Chemical Inventory

Chemical Inventory

Building Name/Address: 720 E. 25th Ave, Seattle, WA

Date: 1-25-2020

Chemical Name	Container type/size	Location	cVOCs? (Y or N)	Removed? (Y or N)
Clorox Bleach	1 gal.	Basement Bathroom	N	N
Glass Cleaner	32 oz		N	N
Comet Bleach Cleaner	20 oz		N	N
Windex Cleaner	32 oz		N	N
Joint Compound	12 oz		N	Y
Clorox Wipes	32 oz	Basement Storage	N	N
Ajax Totally Awesome Floor Cleaner	32 oz	Main bath	N	Y
Comet Classic Toilet Bowl Cleaner	20 oz		N	N
Latex Paint	5 gal		N	N
Unknown Container (unlabeled)	4 gal	Boiler Room	U	Y
Armor All	32 ~~oz~~	Shower Room	U	Y
TKS Resin Glazer Auto Cleaner + Polish	16 oz	Janitor's Closet	N	Y
STP Chain Lube	14 oz	U	N	Y
Zip Way Car Wash	12 oz		N	Y
Six Stripper	1 gal		Methylene Chloride	Y
Zynolyte Chalk Board Paint	12 oz		N	Y
Valspar Satin Paint	12 oz		N	Y
Kit Liquid Car Wax	16 oz		N	Y
Citric Strip Stripping gel	1 gal		N	Y
Drain Crystal Clog Remover	18 oz		N	Y
Bissell Carpet Cleaner	22 oz		N	Y

Attachment C

Summa Canister Air Sampling Forms

SUMMA CANISTER AIR SAMPLING FORM

TheELAMGroup

GENERAL INFORMATION

SITE: Islamic School

SAMPLING ADDRESS: 720 25th St, Seattle, WA

SAMPLING EVENT (circle one): SUMMERTIME (WINTERTIME)

TEMPERATURE (F): 46 BAROMETRIC PRESSURE: 30.17 PRECIPITATION (circle one): Y N

WIND DIRECTION (circle one): N NE E SE (S) SW W NW

SAMPLING PERSONNEL ID & AFFILIATION: R. Steur / ELAM

SAMPLING INFORMATION

SAMPLE ID	CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
IA-12 A:012720	02657	04045	SHUT IN TEST	1/27/20	0820	30.0
			INITIAL	1/27/20	0840	30.0
					0950	26.5
					1055	22.5
					1507	10.0
					1630	5.0
			FINAL		↓	↓

TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)
400 mL	TO-14A	Air	24 hour
1 L	TO-15	SGss	8 hour
6 L	TO-15 SIM	SGe	200 ml/min

SAMPLE ID	CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
SG-1 A:012720	2162	1672	SHUT IN TEST	1/27/20	0810	30.0
			INITIAL	1/27/20	0910	30.0
					0950	30
					1055	25.0
					1505	11.0
					1650	6.0
			FINAL			

TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)
400 mL	TO-14A	Air	24 hour
1 L	TO-15	SGss	8 hour
6 L	TO-15 SIM	SGe	200 ml/min

SAMPLE ID	CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
IA-1 A:012720	1568	TS3254	SHUT IN TEST	1/27/20	0815	30.0
			INITIAL	1/27/20	0912	30.0
					0950	29.0
					1055	25.0
					1505	11.0
					1652	5.5
			FINAL			

TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)
400 mL	TO-14A	Air	24 hour
1 L	TO-15	SGss	8 hour
6 L	TO-15 SIM	SGe	200 ml/min

SAMPLE ID	CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
OA 720 A:012720	2660	1020	SHUT IN TEST	1/27/20	0812	30.0
			INITIAL	1/27/20	0955	28.0
					1050	25.0
					1500	11.0
			FINAL		1755	5.0

TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)
400 mL	TO-14A	Air	24 hour
1 L	TO-15	SGss	8 hour
6 L	TO-15 SIM	SGe	200 ml/min

(1) Pressure reading recording guidelines for various time-weighted average (TWA) valves:

a. 24-hour TWA: Initial, Hour 1, Hour 2, Hour 22, Hour 23, and Final

b. 8-hour TWA: Initial, Hour 1, Hour 2, Hour 6, Hour 7, and Final

b. 200 mL/min: Initial and Final (5 min for 1 L, and 30 min for 6 L)

SUMMA CANISTER AIR SAMPLING FORM

TheELAMGroup

GENERAL INFORMATION

SITE:

SAMPLING ADDRESS: See pg. 1

SAMPLING EVENT (circle one): SUMMERTIME WINTERTIME

TEMPERATURE (F): BAROMETRIC PRESSURE: PRECIPITATION (circle one): Y N

WIND DIRECTION (circle one): N NE E SE S SW W NW

SAMPLING PERSONNEL ID & AFFILIATION:

SAMPLING INFORMATION

SAMPLE ID	CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
SS-2 A: 012720	1729	0880	SHUT IN TEST	1/27/20	0830	30.0
			INITIAL		1350	30.0
					1510	27.0
					~~1700~~ 1700	15.0
			FINAL		2123	9.5

TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)
400 mL	TO-14A	Air	24 hour
1 L	TO-15	SGss	8 hour
6 L	TO-15 SIM	SGe	200 ml/min

SAMPLE ID	CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
IA-2 A: 012720	1819	1893	SHUT IN TEST	1/27/20	0835	30.0
			INITIAL		1352	30.0
					1510	25.0
					~~1700~~ 1700	11.5
			FINAL		2124	5.0

TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)
400 mL	TO-14A	Air	24 hour
1 L	TO-15	SGss	8 hour
6 L	TO-15 SIM	SGe	200 ml/min

SAMPLE ID	CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
SS-3 A: 012720	2342	1800	SHUT IN TEST	1/27/20	0839	29.5
			INITIAL			
				Surface Water - No		
					Sample	
			FINAL			

TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)
400 mL	TO-14A	Air	24 hour
1 L	TO-15	SGss	8 hour
6 L	TO-15 SIM	SGe	200 ml/min

SAMPLE ID	CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
IA-3 A: 012720	2712	0015	SHUT IN TEST	1/27/20	0840	30.0
			INITIAL		1400	30.0
					1510	29.0
					~~1705~~ 1705	16.0
			FINAL		2125	16.0

TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)
400 mL	TO-14A	Air	24 hour
1 L	TO-15	SGss	8 hour
6 L	TO-15 SIM	SGe	200 ml/min

(1) Pressure reading recording guidelines for various time-weighted average (TWA) valves:

a. 24-hour TWA: Initial, Hour 1, Hour 2, Hour 22, Hour 23, and Final

b. 8-hour TWA: Initial, Hour 1, Hour 2, Hour 6, Hour 7, and Final

b. 200 mL/min: Initial and Final (5 min for 1 L, and 30 min for 6 L)

SUMMA CANISTER AIR SAMPLING FORM

TheELAMGroup

GENERAL INFORMATION

SITE:

SAMPLING ADDRESS: 411 Pl.

SAMPLING EVENT (circle one): SUMMERTIME WINTERTIME

TEMPERATURE (F): BAROMETRIC PRESSURE: PRECIPITATION (circle one): Y N

WIND DIRECTION (circle one): N NE E SE S SW W NW

SAMPLING PERSONNEL ID & AFFILIATION:

SAMPLING INFORMATION

SAMPLE ID		CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
IA-17 A.012720		2336	0764	SHUT IN TEST	1/27/20	0820	30.5
				INITIAL	~~1320~~	1320	30.5
TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)			1509	30.0
						1619	27.0
400 mL	TO-14A	Air	24 hour			1910	20.0
1 L	TO-15	SGss	8 hour				
6 L	TO-15 SIM	SGe	200 ml/min	FINAL		2117	15.0

SAMPLE ID		CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
IA-16 : A012720		3204	1402	SHUT IN TEST	1/27/20	0825	30.0
				INITIAL	1/27/20	1324	30.0
TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)		1	~~1324~~ 1509	25.0
						1619	20.0
400 mL	TO-14A	Air	24 hour			1917	11.0
1 L	TO-15	SGss	8 hour				
6 L	TO-15 SIM	SGe	200 ml/min	FINAL		2120	4.0

SAMPLE ID		CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
Duplicate IA: A 012720		1672	1805	SHUT IN TEST	1/27/20	0830	30.0
				INITIAL	1/27/20	~~1305~~ 1325	30
TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)			1509	25.0
						1619	21.0
400 mL	TO-14A	Air	24 hour			1917	11.0
1 L	TO-15	SGss	8 hour				
6 L	TO-15 SIM	SGe	200 ml/min	FINAL		2121	5.0

SAMPLE ID		CANISTER #	FLOW CTRL #	READING (1)	DATE	TIME	CAN P ("Hg)
IA-13 A:012720		2661	1869	SHUT IN TEST	01/27/20	0838	-27
				INITIAL	1/27/20	1421	-27
TYPE (circle one)	METHOD (circle one)	SOURCE (circle one)	VALVE (circle one)			1618	24.0
						1914	14.0
400 mL	TO-14A	Air	24 hour				
1 L	TO-15	SGss	8 hour				
6 L	TO-15 SIM	SGe	200 ml/min	FINAL		2133	6.0

(1) Pressure reading recording guidelines for various time-weighted average (TWA) valves:

a. 24-hour TWA: Initial, Hour 1, Hour 2, Hour 22, Hour 23, and Final

b. 8-hour TWA: Initial, Hour 1, Hour 2, Hour 6, Hour 7, and Final

b. 200 mL/min: Initial and Final (5 min for 1 L, and 30 min for 6 L)

Attachment D

Laboratory Analytical Reports

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

February 07, 2020

Jason Oland
The Elam Group
176 W. Logan St.
Noblesville, IN 46060

RE: Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

Dear Jason Oland:
Enclosed are the analytical results for sample(s) received by the laboratory on January 30, 2020. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures

cc: Chris Sloffer, The Elam Group

Pace Analytical Services, LLC
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(612)607-1700

CERTIFICATIONS

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

Pace Analytical Services Minneapolis

A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Massachusetts DWP Certification #: via MN 027-053-137
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Vermont Certification #: VT-027053137
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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SAMPLE SUMMARY

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10506906001	**SS-1 A:012720**	Air	01/27/20 16:50	01/30/20 11:30
10506906002	**SS-1 A:012720 Cert 2162**	Air	01/27/20 16:50	01/30/20 11:30
10506906003	**SS-2 A:012720**	Air	01/27/20 21:23	01/30/20 11:30
10506906004	**SS-2 A:012720 Cert 1729**	Air	01/27/20 21:23	01/30/20 11:30

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SAMPLE ANALYTE COUNT

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10506906001	**SS-1 A:012720**	TO-15	MLS	61	PASI-M
10506906002	**SS-1 A:012720 Cert 2162**	TO-15	MJL	61	PASI-M
10506906003	**SS-2 A:012720**	TO-15	NCK	61	PASI-M
10506906004	**SS-2 A:012720 Cert 1729**	TO-15	NCK	61	PASI-M

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

Sample: SS-1 A:012720 **Lab ID: 10506906001** Collected: 01/27/20 16:50 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Acetone	**20.9**	ug/m3	3.7	1.9	1.55		02/06/20 00:41	67-64-1	
Benzene	**0.57**	ug/m3	0.050	0.033	1.55		02/06/20 00:41	71-43-2	
Benzyl chloride	ND	ug/m3	4.1	1.9	1.55		02/06/20 00:41	100-44-7	
Bromodichloromethane	ND	ug/m3	0.11	0.078	1.55		02/06/20 00:41	75-27-4	
Bromoform	ND	ug/m3	8.1	2.2	1.55		02/06/20 00:41	75-25-2	
Bromomethane	ND	ug/m3	1.2	0.35	1.55		02/06/20 00:41	74-83-9	
1,3-Butadiene	ND	ug/m3	0.035	0.033	1.55		02/06/20 00:41	106-99-0	
2-Butanone (MEK)	**19.9**	ug/m3	4.6	0.57	1.55		02/06/20 00:41	78-93-3	
Carbon disulfide	**60.9**	ug/m3	0.98	0.34	1.55		02/06/20 00:41	75-15-0	
Carbon tetrachloride	**1.5**	ug/m3	0.099	0.065	1.55		02/06/20 00:41	56-23-5	
Chlorobenzene	ND	ug/m3	1.5	0.43	1.55		02/06/20 00:41	108-90-7	
Chloroethane	ND	ug/m3	0.83	0.40	1.55		02/06/20 00:41	75-00-3	
Chloroform	**1.0**	ug/m3	0.077	0.045	1.55		02/06/20 00:41	67-66-3	
Chloromethane	ND	ug/m3	0.65	0.24	1.55		02/06/20 00:41	74-87-3	
Cyclohexane	ND	ug/m3	2.7	0.55	1.55		02/06/20 00:41	110-82-7	
Dibromochloromethane	ND	ug/m3	2.7	1.1	1.55		02/06/20 00:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.12	0.11	1.55		02/06/20 00:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.9	0.77	1.55		02/06/20 00:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.9	0.90	1.55		02/06/20 00:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.7	1.6	1.55		02/06/20 00:41	106-46-7	
Dichlorodifluoromethane	**2.8**	ug/m3	1.6	0.45	1.55		02/06/20 00:41	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.064	0.037	1.55		02/06/20 00:41	75-34-3	
1,2-Dichloroethane	**0.13**	ug/m3	0.064	0.036	1.55		02/06/20 00:41	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.062	0.054	1.55		02/06/20 00:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.062	0.042	1.55		02/06/20 00:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.062	0.057	1.55		02/06/20 00:41	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.073	0.045	1.55		02/06/20 00:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.071	0.056	1.55		02/06/20 00:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.071	0.064	1.55		02/06/20 00:41	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.2	0.68	1.55		02/06/20 00:41	76-14-2	
Ethanol	**6.1**	ug/m3	3.0	1.3	1.55		02/06/20 00:41	64-17-5	
Ethyl acetate	ND	ug/m3	1.1	0.29	1.55		02/06/20 00:41	141-78-6	
Ethylbenzene	**15.4**	ug/m3	1.4	0.47	1.55		02/06/20 00:41	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.9	0.88	1.55		02/06/20 00:41	622-96-8	
n-Heptane	**5.8**	ug/m3	1.3	0.59	1.55		02/06/20 00:41	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	8.4	3.1	1.55		02/06/20 00:41	87-68-3	
n-Hexane	ND	ug/m3	1.1	0.48	1.55		02/06/20 00:41	110-54-3	
2-Hexanone	ND	ug/m3	6.4	1.2	1.55		02/06/20 00:41	591-78-6	
Methylene Chloride	ND	ug/m3	5.5	1.9	1.55		02/06/20 00:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.4	0.80	1.55		02/06/20 00:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.7	1.0	1.55		02/06/20 00:41	1634-04-4	
Naphthalene	ND	ug/m3	4.1	2.0	1.55		02/06/20 00:41	91-20-3	
2-Propanol	ND	ug/m3	3.9	1.1	1.55		02/06/20 00:41	67-63-0	
Propylene	ND	ug/m3	0.54	0.22	1.55		02/06/20 00:41	115-07-1	
Styrene	**25.1**	ug/m3	1.3	0.53	1.55		02/06/20 00:41	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.11	0.087	1.55		02/06/20 00:41	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

Sample: SS-1 A:012720 **Lab ID: 10506906001** Collected: 01/27/20 16:50 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Tetrachloroethene	**84.2**	ug/m3	0.11	0.091	1.55		02/06/20 00:41	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.93	0.40	1.55		02/06/20 00:41	109-99-9	
Toluene	**217**	ug/m3	35.6	16.3	46.5		02/06/20 01:16	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	11.7	5.8	1.55		02/06/20 00:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.086	0.056	1.55		02/06/20 00:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.086	0.057	1.55		02/06/20 00:41	79-00-5	
Trichloroethene	**0.28**	ug/m3	0.085	0.076	1.55		02/06/20 00:41	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.8	0.57	1.55		02/06/20 00:41	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.4	0.87	1.55		02/06/20 00:41	76-13-1	
1,2,4-Trimethylbenzene	**10.3**	ug/m3	1.5	0.70	1.55		02/06/20 00:41	95-63-6	
1,3,5-Trimethylbenzene	**3.6**	ug/m3	1.5	0.62	1.55		02/06/20 00:41	108-67-8	
Vinyl acetate	ND	ug/m3	1.1	0.42	1.55		02/06/20 00:41	108-05-4	
Vinyl chloride	ND	ug/m3	0.040	0.036	1.55		02/06/20 00:41	75-01-4	
m&p-Xylene	**59.7**	ug/m3	2.7	1.1	1.55		02/06/20 00:41	179601-23-1	
o-Xylene	**15.8**	ug/m3	1.4	0.53	1.55		02/06/20 00:41	95-47-6	

Sample: SS-1 A:012720 Cert 2162 **Lab ID: 10506906002** Collected: 01/27/20 16:50 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
Acetone	ND	ug/m3	2.4	1.2	1		01/18/20 21:34	67-64-1	
Benzene	ND	ug/m3	0.032	0.021	1		01/18/20 21:34	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	1.2	1		01/18/20 21:34	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.050	1		01/18/20 21:34	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		01/18/20 21:34	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.23	1		01/18/20 21:34	74-83-9	
1,3-Butadiene	ND	ug/m3	0.022	0.021	1		01/18/20 21:34	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.37	1		01/18/20 21:34	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.22	1		01/18/20 21:34	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.064	0.042	1		01/18/20 21:34	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.28	1		01/18/20 21:34	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.26	1		01/18/20 21:34	75-00-3	
Chloroform	ND	ug/m3	0.050	0.029	1		01/18/20 21:34	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.16	1		01/18/20 21:34	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.35	1		01/18/20 21:34	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.72	1		01/18/20 21:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.071	1		01/18/20 21:34	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.50	1		01/18/20 21:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.58	1		01/18/20 21:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	1.0	1		01/18/20 21:34	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.29	1		01/18/20 21:34	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.041	0.024	1		01/18/20 21:34	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.041	0.023	1		01/18/20 21:34	107-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

Sample: SS-1 A:012720 Cert 2162 **Lab ID: 10506906002** Collected: 01/27/20 16:50 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
1,1-Dichloroethene	ND	ug/m3	0.040	0.035	1		01/18/20 21:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.040	0.027	1		01/18/20 21:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.040	0.037	1		01/18/20 21:34	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.029	1		01/18/20 21:34	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.046	0.036	1		01/18/20 21:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.046	0.041	1		01/18/20 21:34	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.44	1		01/18/20 21:34	76-14-2	
Ethanol	ND	ug/m3	1.9	0.81	1		01/18/20 21:34	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.19	1		01/18/20 21:34	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.30	1		01/18/20 21:34	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.57	1		01/18/20 21:34	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.38	1		01/18/20 21:34	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	2.0	1		01/18/20 21:34	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.31	1		01/18/20 21:34	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.74	1		01/18/20 21:34	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	1.2	1		01/18/20 21:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.52	1		01/18/20 21:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.66	1		01/18/20 21:34	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.3	1		01/18/20 21:34	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.70	1		01/18/20 21:34	67-63-0	
Propylene	ND	ug/m3	0.35	0.14	1		01/18/20 21:34	115-07-1	
Styrene	ND	ug/m3	0.87	0.34	1		01/18/20 21:34	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.070	0.056	1		01/18/20 21:34	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.059	1		01/18/20 21:34	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.26	1		01/18/20 21:34	109-99-9	
Toluene	ND	ug/m3	0.77	0.35	1		01/18/20 21:34	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.7	1		01/18/20 21:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.056	0.036	1		01/18/20 21:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.037	1		01/18/20 21:34	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.049	1		01/18/20 21:34	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.37	1		01/18/20 21:34	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.56	1		01/18/20 21:34	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.45	1		01/18/20 21:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.40	1		01/18/20 21:34	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.27	1		01/18/20 21:34	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.023	1		01/18/20 21:34	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.70	1		01/18/20 21:34	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.34	1		01/18/20 21:34	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

Sample: SS-2 A:012720 **Lab ID: 10506906003** Collected: 01/27/20 21:23 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Acetone	**62.8**	ug/m3	4.0	2.0	1.68		02/07/20 00:26	67-64-1	
Benzene	**0.66**	ug/m3	0.055	0.035	1.68		02/07/20 00:26	71-43-2	
Benzyl chloride	ND	ug/m3	4.4	2.0	1.68		02/07/20 00:26	100-44-7	
Bromodichloromethane	ND	ug/m3	0.11	0.084	1.68		02/07/20 00:26	75-27-4	
Bromoform	ND	ug/m3	8.8	2.4	1.68		02/07/20 00:26	75-25-2	
Bromomethane	ND	ug/m3	1.3	0.38	1.68		02/07/20 00:26	74-83-9	
1,3-Butadiene	ND	ug/m3	0.038	0.035	1.68		02/07/20 00:26	106-99-0	
2-Butanone (MEK)	**41.0**	ug/m3	5.0	0.62	1.68		02/07/20 00:26	78-93-3	
Carbon disulfide	**95.1**	ug/m3	1.1	0.37	1.68		02/07/20 00:26	75-15-0	
Carbon tetrachloride	**119**	ug/m3	0.11	0.071	1.68		02/07/20 00:26	56-23-5	
Chlorobenzene	ND	ug/m3	1.6	0.46	1.68		02/07/20 00:26	108-90-7	
Chloroethane	ND	ug/m3	0.90	0.44	1.68		02/07/20 00:26	75-00-3	
Chloroform	**2.3**	ug/m3	0.083	0.049	1.68		02/07/20 00:26	67-66-3	
Chloromethane	ND	ug/m3	0.71	0.26	1.68		02/07/20 00:26	74-87-3	
Cyclohexane	ND	ug/m3	2.9	0.59	1.68		02/07/20 00:26	110-82-7	
Dibromochloromethane	ND	ug/m3	2.9	1.2	1.68		02/07/20 00:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.13	0.12	1.68		02/07/20 00:26	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.0	0.84	1.68		02/07/20 00:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.0	0.98	1.68		02/07/20 00:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.1	1.7	1.68		02/07/20 00:26	106-46-7	
Dichlorodifluoromethane	**3.2**	ug/m3	1.7	0.49	1.68		02/07/20 00:26	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.069	0.040	1.68		02/07/20 00:26	75-34-3	
1,2-Dichloroethane	**0.18**	ug/m3	0.069	0.039	1.68		02/07/20 00:26	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.068	0.059	1.68		02/07/20 00:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.068	0.045	1.68		02/07/20 00:26	156-59-2	
trans-1,2-Dichloroethene	**0.070**	ug/m3	0.068	0.062	1.68		02/07/20 00:26	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.079	0.049	1.68		02/07/20 00:26	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.077	0.060	1.68		02/07/20 00:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.077	0.069	1.68		02/07/20 00:26	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.4	0.73	1.68		02/07/20 00:26	76-14-2	
Ethanol	**23.2**	ug/m3	3.2	1.4	1.68		02/07/20 00:26	64-17-5	
Ethyl acetate	**1.6**	ug/m3	1.2	0.32	1.68		02/07/20 00:26	141-78-6	
Ethylbenzene	**23.2**	ug/m3	1.5	0.51	1.68		02/07/20 00:26	100-41-4	
4-Ethyltoluene	**5.2**	ug/m3	4.2	0.96	1.68		02/07/20 00:26	622-96-8	
n-Heptane	**10.6**	ug/m3	1.4	0.64	1.68		02/07/20 00:26	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.1	3.3	1.68		02/07/20 00:26	87-68-3	
n-Hexane	**6.1**	ug/m3	1.2	0.52	1.68		02/07/20 00:26	110-54-3	
2-Hexanone	ND	ug/m3	7.0	1.3	1.68		02/07/20 00:26	591-78-6	
Methylene Chloride	ND	ug/m3	5.9	2.0	1.68		02/07/20 00:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.0	0.87	1.68		02/07/20 00:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.1	1.1	1.68		02/07/20 00:26	1634-04-4	
Naphthalene	**8.0**	ug/m3	4.5	2.2	1.68		02/07/20 00:26	91-20-3	
2-Propanol	ND	ug/m3	4.2	1.2	1.68		02/07/20 00:26	67-63-0	
Propylene	ND	ug/m3	0.59	0.24	1.68		02/07/20 00:26	115-07-1	
Styrene	**32.0**	ug/m3	1.5	0.58	1.68		02/07/20 00:26	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.12	0.094	1.68		02/07/20 00:26	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

Sample: SS-2 A:012720 **Lab ID: 10506906003** Collected: 01/27/20 21:23 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Tetrachloroethene	**412**	ug/m3	3.5	3.0	50.4		02/07/20 00:53	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.0	0.44	1.68		02/07/20 00:26	109-99-9	
Toluene	**360**	ug/m3	38.6	17.7	50.4		02/07/20 00:53	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	12.7	6.2	1.68		02/07/20 00:26	120-82-1	
1,1,1-Trichloroethane	**0.10**	ug/m3	0.093	0.060	1.68		02/07/20 00:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.093	0.062	1.68		02/07/20 00:26	79-00-5	
Trichloroethene	**0.48**	ug/m3	0.092	0.082	1.68		02/07/20 00:26	79-01-6	
Trichlorofluoromethane	**2.0**	ug/m3	1.9	0.61	1.68		02/07/20 00:26	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.6	0.95	1.68		02/07/20 00:26	76-13-1	
1,2,4-Trimethylbenzene	**15.6**	ug/m3	1.7	0.76	1.68		02/07/20 00:26	95-63-6	
1,3,5-Trimethylbenzene	**5.8**	ug/m3	1.7	0.67	1.68		02/07/20 00:26	108-67-8	
Vinyl acetate	ND	ug/m3	1.2	0.45	1.68		02/07/20 00:26	108-05-4	
Vinyl chloride	ND	ug/m3	0.044	0.039	1.68		02/07/20 00:26	75-01-4	
m&p-Xylene	**87.2**	ug/m3	3.0	1.2	1.68		02/07/20 00:26	179601-23-1	
o-Xylene	**22.8**	ug/m3	1.5	0.58	1.68		02/07/20 00:26	95-47-6	

Sample: SS-2 A:012720 Cert 1729 **Lab ID: 10506906004** Collected: 01/27/20 21:23 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
Acetone	ND	ug/m3	2.4	1.2	1		01/16/20 19:54	67-64-1	
Benzene	ND	ug/m3	0.032	0.021	1		01/16/20 19:54	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	1.2	1		01/16/20 19:54	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.050	1		01/16/20 19:54	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		01/16/20 19:54	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.23	1		01/16/20 19:54	74-83-9	
1,3-Butadiene	ND	ug/m3	0.022	0.021	1		01/16/20 19:54	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.37	1		01/16/20 19:54	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.22	1		01/16/20 19:54	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.064	0.042	1		01/16/20 19:54	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.28	1		01/16/20 19:54	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.26	1		01/16/20 19:54	75-00-3	
Chloroform	ND	ug/m3	0.050	0.029	1		01/16/20 19:54	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.16	1		01/16/20 19:54	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.35	1		01/16/20 19:54	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.72	1		01/16/20 19:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.071	1		01/16/20 19:54	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.50	1		01/16/20 19:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.58	1		01/16/20 19:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	1.0	1		01/16/20 19:54	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.29	1		01/16/20 19:54	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.041	0.024	1		01/16/20 19:54	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.041	0.023	1		01/16/20 19:54	107-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

Sample: SS-2 A:012720 Cert 1729 **Lab ID: 10506906004** Collected: 01/27/20 21:23 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
1,1-Dichloroethene	ND	ug/m3	0.040	0.035	1		01/16/20 19:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.040	0.027	1		01/16/20 19:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.040	0.037	1		01/16/20 19:54	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.029	1		01/16/20 19:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.046	0.036	1		01/16/20 19:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.046	0.041	1		01/16/20 19:54	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.44	1		01/16/20 19:54	76-14-2	
Ethanol	ND	ug/m3	1.9	0.81	1		01/16/20 19:54	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.19	1		01/16/20 19:54	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.30	1		01/16/20 19:54	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.57	1		01/16/20 19:54	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.38	1		01/16/20 19:54	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	2.0	1		01/16/20 19:54	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.31	1		01/16/20 19:54	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.74	1		01/16/20 19:54	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	1.2	1		01/16/20 19:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.52	1		01/16/20 19:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.66	1		01/16/20 19:54	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.3	1		01/16/20 19:54	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.70	1		01/16/20 19:54	67-63-0	
Propylene	ND	ug/m3	0.35	0.14	1		01/16/20 19:54	115-07-1	
Styrene	ND	ug/m3	0.87	0.34	1		01/16/20 19:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.070	0.056	1		01/16/20 19:54	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.059	1		01/16/20 19:54	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.26	1		01/16/20 19:54	109-99-9	
Toluene	ND	ug/m3	0.77	0.35	1		01/16/20 19:54	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.7	1		01/16/20 19:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.056	0.036	1		01/16/20 19:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.037	1		01/16/20 19:54	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.049	1		01/16/20 19:54	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.37	1		01/16/20 19:54	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.56	1		01/16/20 19:54	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.45	1		01/16/20 19:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.40	1		01/16/20 19:54	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.27	1		01/16/20 19:54	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.023	1		01/16/20 19:54	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.70	1		01/16/20 19:54	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.34	1		01/16/20 19:54	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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QUALITY CONTROL DATA

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

QC Batch: 658485
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR SIM SCAN
Associated Lab Samples: 10506906001

METHOD BLANK: 3534889
Matrix: Air
Associated Lab Samples: 10506906001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.056	0.036	02/05/20 12:23	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.070	0.056	02/05/20 12:23	
1,1,2-Trichloroethane	ug/m3	ND	0.056	0.037	02/05/20 12:23	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	0.56	02/05/20 12:23	
1,1-Dichloroethane	ug/m3	ND	0.041	0.024	02/05/20 12:23	
1,1-Dichloroethene	ug/m3	ND	0.040	0.035	02/05/20 12:23	
1,2,4-Trichlorobenzene	ug/m3	ND	7.5	3.7	02/05/20 12:23	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	0.45	02/05/20 12:23	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.078	0.071	02/05/20 12:23	
1,2-Dichlorobenzene	ug/m3	ND	1.2	0.50	02/05/20 12:23	
1,2-Dichloroethane	ug/m3	ND	0.041	0.023	02/05/20 12:23	
1,2-Dichloropropane	ug/m3	ND	0.047	0.029	02/05/20 12:23	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	0.40	02/05/20 12:23	
1,3-Butadiene	ug/m3	ND	0.022	0.021	02/05/20 12:23	
1,3-Dichlorobenzene	ug/m3	ND	1.2	0.58	02/05/20 12:23	
1,4-Dichlorobenzene	ug/m3	ND	3.1	1.0	02/05/20 12:23	
2-Butanone (MEK)	ug/m3	ND	3.0	0.37	02/05/20 12:23	
2-Hexanone	ug/m3	ND	4.2	0.74	02/05/20 12:23	
2-Propanol	ug/m3	ND	2.5	0.70	02/05/20 12:23	
4-Ethyltoluene	ug/m3	ND	2.5	0.57	02/05/20 12:23	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	4.2	0.52	02/05/20 12:23	
Acetone	ug/m3	ND	2.4	1.2	02/05/20 12:23	
Benzene	ug/m3	ND	0.032	0.021	02/05/20 12:23	
Benzyl chloride	ug/m3	ND	2.6	1.2	02/05/20 12:23	
Bromodichloromethane	ug/m3	ND	0.068	0.050	02/05/20 12:23	
Bromoform	ug/m3	ND	5.2	1.4	02/05/20 12:23	
Bromomethane	ug/m3	ND	0.79	0.23	02/05/20 12:23	
Carbon disulfide	ug/m3	ND	0.63	0.22	02/05/20 12:23	
Carbon tetrachloride	ug/m3	ND	0.064	0.042	02/05/20 12:23	
Chlorobenzene	ug/m3	ND	0.94	0.28	02/05/20 12:23	
Chloroethane	ug/m3	ND	0.54	0.26	02/05/20 12:23	
Chloroform	ug/m3	ND	0.050	0.029	02/05/20 12:23	
Chloromethane	ug/m3	ND	0.42	0.16	02/05/20 12:23	
cis-1,2-Dichloroethene	ug/m3	ND	0.040	0.027	02/05/20 12:23	
cis-1,3-Dichloropropene	ug/m3	ND	0.046	0.036	02/05/20 12:23	
Cyclohexane	ug/m3	ND	1.8	0.35	02/05/20 12:23	
Dibromochloromethane	ug/m3	ND	1.7	0.72	02/05/20 12:23	
Dichlorodifluoromethane	ug/m3	ND	1.0	0.29	02/05/20 12:23	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	0.44	02/05/20 12:23	
Ethanol	ug/m3	ND	1.9	0.81	02/05/20 12:23	
Ethyl acetate	ug/m3	ND	0.73	0.19	02/05/20 12:23	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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QUALITY CONTROL DATA

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

METHOD BLANK: 3534889 Matrix: Air
Associated Lab Samples: 10506906001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/m3	ND	0.88	0.30	02/05/20 12:23	
Hexachloro-1,3-butadiene	ug/m3	ND	5.4	2.0	02/05/20 12:23	
m&p-Xylene	ug/m3	ND	1.8	0.70	02/05/20 12:23	
Methyl-tert-butyl ether	ug/m3	ND	3.7	0.66	02/05/20 12:23	
Methylene Chloride	ug/m3	ND	3.5	1.2	02/05/20 12:23	
n-Heptane	ug/m3	ND	0.83	0.38	02/05/20 12:23	
n-Hexane	ug/m3	ND	0.72	0.31	02/05/20 12:23	
Naphthalene	ug/m3	ND	2.7	1.3	02/05/20 12:23	
o-Xylene	ug/m3	ND	0.88	0.34	02/05/20 12:23	
Propylene	ug/m3	ND	0.35	0.14	02/05/20 12:23	
Styrene	ug/m3	ND	0.87	0.34	02/05/20 12:23	
Tetrachloroethene	ug/m3	ND	0.069	0.059	02/05/20 12:23	
Tetrahydrofuran	ug/m3	ND	0.60	0.26	02/05/20 12:23	
Toluene	ug/m3	ND	0.77	0.35	02/05/20 12:23	
trans-1,2-Dichloroethene	ug/m3	ND	0.040	0.037	02/05/20 12:23	
trans-1,3-Dichloropropene	ug/m3	ND	0.046	0.041	02/05/20 12:23	
Trichloroethene	ug/m3	ND	0.055	0.049	02/05/20 12:23	
Trichlorofluoromethane	ug/m3	ND	1.1	0.37	02/05/20 12:23	
Vinyl acetate	ug/m3	ND	0.72	0.27	02/05/20 12:23	
Vinyl chloride	ug/m3	ND	0.026	0.023	02/05/20 12:23	

LABORATORY CONTROL SAMPLE: 3534890

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	0.57	0.57	100	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	0.72	0.80	112	70-132	
1,1,2-Trichloroethane	ug/m3	0.57	0.64	111	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	79.8	102	70-130	
1,1-Dichloroethane	ug/m3	0.43	0.43	101	70-130	
1,1-Dichloroethene	ug/m3	0.41	0.42	102	69-137	
1,2,4-Trichlorobenzene	ug/m3	75.4	74.3	99	70-130	
1,2,4-Trimethylbenzene	ug/m3	50	58.8	118	70-137	
1,2-Dibromoethane (EDB)	ug/m3	0.8	0.90	112	70-138	
1,2-Dichlorobenzene	ug/m3	61.1	63.4	104	70-136	
1,2-Dichloroethane	ug/m3	0.42	0.46	108	70-130	
1,2-Dichloropropane	ug/m3	0.49	0.49	100	70-132	
1,3,5-Trimethylbenzene	ug/m3	50	57.3	115	70-136	
1,3-Butadiene	ug/m3	0.23	0.24	102	67-139	
1,3-Dichlorobenzene	ug/m3	61.1	62.9	103	70-138	
1,4-Dichlorobenzene	ug/m3	61.1	62.6	103	70-145	
2-Butanone (MEK)	ug/m3	30	27.6	92	61-130	
2-Hexanone	ug/m3	41.6	50.1	120	70-138	
2-Propanol	ug/m3	125	150	120	70-136	
4-Ethyltoluene	ug/m3	50	61.0	122	70-142	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

LABORATORY CONTROL SAMPLE: 3534890

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	41.6	47.9	115	70-134	
Acetone	ug/m3	121	145	120	59-137	
Benzene	ug/m3	0.34	0.34	100	70-133	
Benzyl chloride	ug/m3	52.6	49.7	94	70-139	
Bromodichloromethane	ug/m3	0.72	0.76	106	70-130	
Bromoform	ug/m3	105	87.2	83	60-140	
Bromomethane	ug/m3	39.5	38.0	96	70-131	
Carbon disulfide	ug/m3	31.6	34.2	108	70-130	
Carbon tetrachloride	ug/m3	0.66	0.63	95	70-133	SS
Chlorobenzene	ug/m3	46.8	49.8	106	70-131	
Chloroethane	ug/m3	26.8	27.0	101	70-141	
Chloroform	ug/m3	0.51	0.52	102	70-130	
Chloromethane	ug/m3	21	21.5	102	64-137	
cis-1,2-Dichloroethene	ug/m3	0.42	0.42	101	70-132	
cis-1,3-Dichloropropene	ug/m3	0.48	0.51	107	70-138	
Cyclohexane	ug/m3	35	37.2	106	70-133	
Dibromochloromethane	ug/m3	86.6	101	117	70-139	
Dichlorodifluoromethane	ug/m3	50.3	50.0	99	70-130	
Dichlorotetrafluoroethane	ug/m3	71	67.9	96	65-133	
Ethanol	ug/m3	95.8	99.0	103	65-135	
Ethyl acetate	ug/m3	36.6	40.5	111	70-135	
Ethylbenzene	ug/m3	44.1	48.3	109	70-142	
Hexachloro-1,3-butadiene	ug/m3	108	129	119	70-134	
m&p-Xylene	ug/m3	88.3	96.8	110	70-141	
Methyl-tert-butyl ether	ug/m3	36.6	37.1	101	70-131	
Methylene Chloride	ug/m3	177	179	101	69-130	
n-Heptane	ug/m3	41.7	42.0	101	70-130	
n-Hexane	ug/m3	35.8	37.7	105	70-131	
Naphthalene	ug/m3	53.3	52.6	99	63-130	
o-Xylene	ug/m3	44.1	48.0	109	70-135	
Propylene	ug/m3	17.5	17.8	102	63-139	
Styrene	ug/m3	43.3	52.6	121	70-143	
Tetrachloroethene	ug/m3	0.71	0.80	113	70-136	
Tetrahydrofuran	ug/m3	30	33.3	111	70-137	
Toluene	ug/m3	38.3	38.9	102	70-136	
trans-1,2-Dichloroethene	ug/m3	0.42	0.42	101	70-132	
trans-1,3-Dichloropropene	ug/m3	0.48	0.52	108	70-139	
Trichloroethene	ug/m3	0.56	0.57	101	70-132	
Trichlorofluoromethane	ug/m3	57.1	56.5	99	65-136	
Vinyl acetate	ug/m3	35.8	39.2	109	66-140	
Vinyl chloride	ug/m3	0.27	0.28	103	68-141	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

SAMPLE DUPLICATE: 3535652

Parameter	Units	10506929007 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	.041J		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	7.2	7.2	0	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	0.097	0.096	1	25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	2.4	2.3	5	25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	2.2	2.2	1	25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	1.1J		25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	17.9	17.5	2	25	
4-Ethyltoluene	ug/m3	ND	2.5J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	20.5	18.9	8	25	
Benzene	ug/m3	2.5	2.4	3	25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	
Carbon disulfide	ug/m3	ND	ND		25	
Carbon tetrachloride	ug/m3	0.69	0.68	2	25	SS
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	0.50	0.49	2	25	
Chloromethane	ug/m3	1.2	1.2	1	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	3.4	3.3	4	25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	2.6	2.5	7	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	281	274	3	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	5.4	5.2	4	25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	20.7	19.8	4	25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	ND		25	
n-Heptane	ug/m3	3.7	3.4	8	25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

SAMPLE DUPLICATE: 3535652

Parameter	Units	10506929007 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	4.3	4.0	7	25	
Naphthalene	ug/m3	ND	2.3J		25	
o-Xylene	ug/m3	8.3	8.2	2	25	
Propylene	ug/m3	1.3	1.2	10	25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	1.3	1.3	2	25	
Tetrahydrofuran	ug/m3	ND	.72J		25	
Toluene	ug/m3	22.9	21.6	6	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	0.087	0.086	1	25	
Trichlorofluoromethane	ug/m3	ND	1.2J		25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	0.042	0.041	4	25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

QC Batch: 658706
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR SIM SCAN
Associated Lab Samples: 10506906003

METHOD BLANK: 3535795
Matrix: Air
Associated Lab Samples: 10506906003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.056	0.036	02/06/20 11:28	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.070	0.056	02/06/20 11:28	
1,1,2-Trichloroethane	ug/m3	ND	0.056	0.037	02/06/20 11:28	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	0.56	02/06/20 11:28	
1,1-Dichloroethane	ug/m3	ND	0.041	0.024	02/06/20 11:28	
1,1-Dichloroethene	ug/m3	ND	0.040	0.035	02/06/20 11:28	
1,2,4-Trichlorobenzene	ug/m3	ND	7.5	3.7	02/06/20 11:28	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	0.45	02/06/20 11:28	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.078	0.071	02/06/20 11:28	
1,2-Dichlorobenzene	ug/m3	ND	1.2	0.50	02/06/20 11:28	
1,2-Dichloroethane	ug/m3	ND	0.041	0.023	02/06/20 11:28	
1,2-Dichloropropane	ug/m3	ND	0.047	0.029	02/06/20 11:28	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	0.40	02/06/20 11:28	
1,3-Butadiene	ug/m3	ND	0.022	0.021	02/06/20 11:28	
1,3-Dichlorobenzene	ug/m3	ND	1.2	0.58	02/06/20 11:28	
1,4-Dichlorobenzene	ug/m3	ND	3.1	1.0	02/06/20 11:28	
2-Butanone (MEK)	ug/m3	ND	3.0	0.37	02/06/20 11:28	
2-Hexanone	ug/m3	ND	4.2	0.74	02/06/20 11:28	
2-Propanol	ug/m3	ND	2.5	0.70	02/06/20 11:28	
4-Ethyltoluene	ug/m3	ND	2.5	0.57	02/06/20 11:28	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	4.2	0.52	02/06/20 11:28	
Acetone	ug/m3	ND	2.4	1.2	02/06/20 11:28	
Benzene	ug/m3	ND	0.032	0.021	02/06/20 11:28	
Benzyl chloride	ug/m3	ND	2.6	1.2	02/06/20 11:28	
Bromodichloromethane	ug/m3	ND	0.068	0.050	02/06/20 11:28	
Bromoform	ug/m3	ND	5.2	1.4	02/06/20 11:28	
Bromomethane	ug/m3	ND	0.79	0.23	02/06/20 11:28	
Carbon disulfide	ug/m3	ND	0.63	0.22	02/06/20 11:28	
Carbon tetrachloride	ug/m3	ND	0.064	0.042	02/06/20 11:28	
Chlorobenzene	ug/m3	ND	0.94	0.28	02/06/20 11:28	
Chloroethane	ug/m3	ND	0.54	0.26	02/06/20 11:28	
Chloroform	ug/m3	ND	0.050	0.029	02/06/20 11:28	
Chloromethane	ug/m3	ND	0.42	0.16	02/06/20 11:28	
cis-1,2-Dichloroethene	ug/m3	ND	0.040	0.027	02/06/20 11:28	
cis-1,3-Dichloropropene	ug/m3	ND	0.046	0.036	02/06/20 11:28	
Cyclohexane	ug/m3	ND	1.8	0.35	02/06/20 11:28	
Dibromochloromethane	ug/m3	ND	1.7	0.72	02/06/20 11:28	
Dichlorodifluoromethane	ug/m3	ND	1.0	0.29	02/06/20 11:28	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	0.44	02/06/20 11:28	
Ethanol	ug/m3	ND	1.9	0.81	02/06/20 11:28	
Ethyl acetate	ug/m3	ND	0.73	0.19	02/06/20 11:28	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

METHOD BLANK: 3535795 Matrix: Air
Associated Lab Samples: 10506906003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/m3	ND	0.88	0.30	02/06/20 11:28	
Hexachloro-1,3-butadiene	ug/m3	ND	5.4	2.0	02/06/20 11:28	
m&p-Xylene	ug/m3	ND	1.8	0.70	02/06/20 11:28	
Methyl-tert-butyl ether	ug/m3	ND	3.7	0.66	02/06/20 11:28	
Methylene Chloride	ug/m3	ND	3.5	1.2	02/06/20 11:28	
n-Heptane	ug/m3	ND	0.83	0.38	02/06/20 11:28	
n-Hexane	ug/m3	ND	0.72	0.31	02/06/20 11:28	
Naphthalene	ug/m3	ND	2.7	1.3	02/06/20 11:28	
o-Xylene	ug/m3	ND	0.88	0.34	02/06/20 11:28	
Propylene	ug/m3	ND	0.35	0.14	02/06/20 11:28	
Styrene	ug/m3	ND	0.87	0.34	02/06/20 11:28	
Tetrachloroethene	ug/m3	ND	0.069	0.059	02/06/20 11:28	
Tetrahydrofuran	ug/m3	ND	0.60	0.26	02/06/20 11:28	
Toluene	ug/m3	ND	0.77	0.35	02/06/20 11:28	
trans-1,2-Dichloroethene	ug/m3	ND	0.040	0.037	02/06/20 11:28	
trans-1,3-Dichloropropene	ug/m3	ND	0.046	0.041	02/06/20 11:28	
Trichloroethene	ug/m3	ND	0.055	0.049	02/06/20 11:28	
Trichlorofluoromethane	ug/m3	ND	1.1	0.37	02/06/20 11:28	
Vinyl acetate	ug/m3	ND	0.72	0.27	02/06/20 11:28	
Vinyl chloride	ug/m3	ND	0.026	0.023	02/06/20 11:28	

LABORATORY CONTROL SAMPLE: 3535796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	0.55	0.58	104	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	0.7	0.69	98	70-132	
1,1,2-Trichloroethane	ug/m3	0.55	0.58	105	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	89.7	112	70-130	
1,1-Dichloroethane	ug/m3	0.41	0.42	102	70-130	
1,1-Dichloroethene	ug/m3	0.4	0.43	106	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	159	102	70-130	
1,2,4-Trimethylbenzene	ug/m3	51.5	62.0	120	70-137	
1,2-Dibromoethane (EDB)	ug/m3	0.78	0.77	99	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	73.7	117	70-136	
1,2-Dichloroethane	ug/m3	0.41	0.45	109	70-130	
1,2-Dichloropropane	ug/m3	0.47	0.49	104	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	61.6	119	70-136	
1,3-Butadiene	ug/m3	0.22	0.23	100	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	77.0	121	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	77.1	122	70-145	
2-Butanone (MEK)	ug/m3	31.4	32.2	102	61-130	
2-Hexanone	ug/m3	42.8	50.3	118	70-138	
2-Propanol	ug/m3	119	150	126	70-136	
4-Ethyltoluene	ug/m3	52.4	63.2	121	70-142	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

LABORATORY CONTROL SAMPLE: 3535796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	52.7	121	70-134	
Acetone	ug/m3	126	124	98	59-137	
Benzene	ug/m3	0.32	0.33	103	70-133	
Benzyl chloride	ug/m3	55.1	54.7	99	70-139	
Bromodichloromethane	ug/m3	0.68	0.70	103	70-130	
Bromoform	ug/m3	110	119	108	60-140	
Bromomethane	ug/m3	41.3	36.9	89	70-131	
Carbon disulfide	ug/m3	33.3	42.9	129	70-130	
Carbon tetrachloride	ug/m3	0.64	0.65	102	70-133	
Chlorobenzene	ug/m3	48.3	51.9	108	70-131	
Chloroethane	ug/m3	28.1	29.8	106	70-141	
Chloroform	ug/m3	0.5	0.53	106	70-130	
Chloromethane	ug/m3	21.9	24.0	110	64-137	
cis-1,2-Dichloroethene	ug/m3	0.4	0.40	100	70-132	
cis-1,3-Dichloropropene	ug/m3	0.46	0.44	95	70-138	
Cyclohexane	ug/m3	36.7	42.6	116	70-133	
Dibromochloromethane	ug/m3	90.7	109	121	70-139	
Dichlorodifluoromethane	ug/m3	51.6	55.2	107	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	78.7	108	65-133	
Ethanol	ug/m3	103	126	123	65-135	
Ethyl acetate	ug/m3	38.6	44.2	115	70-135	
Ethylbenzene	ug/m3	45.6	52.3	115	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	128	114	70-134	
m&p-Xylene	ug/m3	91.2	107	117	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	41.7	109	70-131	
Methylene Chloride	ug/m3	182	210	115	69-130	
n-Heptane	ug/m3	43.6	48.8	112	70-130	
n-Hexane	ug/m3	37.6	39.8	106	70-131	
Naphthalene	ug/m3	57.7	60.3	104	63-130	
o-Xylene	ug/m3	45.5	53.2	117	70-135	
Propylene	ug/m3	18.2	18.0	99	63-139	
Styrene	ug/m3	44.9	53.2	118	70-143	
Tetrachloroethene	ug/m3	0.69	0.69	100	70-136	
Tetrahydrofuran	ug/m3	31.5	37.7	120	70-137	
Toluene	ug/m3	39.5	43.9	111	70-136	
trans-1,2-Dichloroethene	ug/m3	0.4	0.39	98	70-132	
trans-1,3-Dichloropropene	ug/m3	0.46	0.43	94	70-139	
Trichloroethene	ug/m3	0.55	0.54	99	70-132	
Trichlorofluoromethane	ug/m3	59.7	66.4	111	65-136	
Vinyl acetate	ug/m3	34.5	37.5	109	66-140	
Vinyl chloride	ug/m3	0.26	0.27	102	68-141	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

SAMPLE DUPLICATE: 3536604

Parameter	Units	10506908003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	10.7	10.5	2	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	.18J		25	
1,2-Dichloropropane	ug/m3	0.33	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	3.6J		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	15J		25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	ND	9.6J		25	
4-Ethyltoluene	ug/m3	ND	4.1J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	37.2	44.5	18	25	
Benzene	ug/m3	2.6	2.7	1	25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	1.5	1.5	1	25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	
Carbon disulfide	ug/m3	41.8	32.9	24	25	
Carbon tetrachloride	ug/m3	1.9	1.8	7	25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	82.6	83.3	1	25	
Chloromethane	ug/m3	ND	1.1J		25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	ND	9.6J		25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	ND	3.4J		25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	102	118	14	25	
Ethyl acetate	ug/m3	19.7	20.0	2	25	
Ethylbenzene	ug/m3	15.6	15.4	1	25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	59.6	59.6	0	25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	114	125	9	25	
n-Heptane	ug/m3	13.2	12.7	3	25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

SAMPLE DUPLICATE: 3536604

Parameter	Units	10506908003 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	18.0	18.2	1	25	
Naphthalene	ug/m3	ND	9.5J		25	
o-Xylene	ug/m3	16.5	16.5	0	25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	18.2	18.1	1	25	
Tetrachloroethene	ug/m3	742	732	1	25	
Tetrahydrofuran	ug/m3	ND	ND		25	
Toluene	ug/m3	320	321	0	25	
trans-1,2-Dichloroethene	ug/m3	0.40	0.38	3	25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	3.8	3.8	1	25	
Trichlorofluoromethane	ug/m3	ND	ND		25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

SAMPLE DUPLICATE: 3536605

Parameter	Units	10507466001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	ND	ND		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	0.11	0.12	2	25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	.78J		25	
2-Hexanone	ug/m3	ND	1.6J		25	
2-Propanol	ug/m3	7.2	7.6	6	25	
4-Ethyltoluene	ug/m3	ND	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	18.8	19.5	4	25	
Benzene	ug/m3	0.42	0.43	3	25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

SAMPLE DUPLICATE: 3536605

Parameter	Units	10507466001 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	ND	ND		25	
Carbon tetrachloride	ug/m3	0.92	0.97	6	25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	0.11	0.11	1	25	
Chloromethane	ug/m3	1.2	1.2	2	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	ND	ND		25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	2.8	2.9	2	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	33.8	38.4	13	25	
Ethyl acetate	ug/m3	ND	1J		25	
Ethylbenzene	ug/m3	ND	ND		25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	ND	ND		25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	3.8J		25	
n-Heptane	ug/m3	ND	1.1J		25	
n-Hexane	ug/m3	ND	ND		25	
Naphthalene	ug/m3	ND	2.2J		25	
o-Xylene	ug/m3	ND	ND		25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	0.21	0.11	61	25	R1
Tetrahydrofuran	ug/m3	ND	ND		25	
Toluene	ug/m3	ND	.68J		25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	0.27	0.27	2	25	
Trichlorofluoromethane	ug/m3	ND	1.5J		25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

R1	RPD value was outside control limits.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 720 E. 25th St. WAKS2510
Pace Project No.: 10506906

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10506906001	**SS-1 A:012720**	TO-15	658485		
10506906003	**SS-2 A:012720**	TO-15	658706		
10506906002	**SS-1 A:012720 Cert 2162**	TO-15	658663		
10506906004	**SS-2 A:012720 Cert 1729**	TO-15	658663		

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AIR: CHAIN-OF-CUSTOD

The Chain-of-Custody is a LEGAL DOCUMENT. All r

WO# : 10506906

10506906

43575

Page: 1 of 1

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: The ELAM Group	Report To: R. Slotter	Attention: Accounts Payable
Address: 161 LAKeview Dr. Nobleswille, IN 46060	Copy To: R. Storer	Company Name:
		Address:
Email To: chris.slotter@elamusa.com	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: WALLS 2510	Pace Project Manager/Sales Rep.
Requested Due Date/TAT:	Project Number: 720 E. 25th St	Pace Profile #: 37539

Program: ☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other____

Location of Sampling by State: WA

Reporting Units: ug/m³ X mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level II.___ III.___ IV. X Other____

ITEM #	'Section D Required Client Information AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE - END/GRAB DATE	COMPOSITE - END/GRAB TIME	Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method: PM10	3C - Fixed Gas (%)	TO-3 BTEX	TO-3M (Methane)	TO-14	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated	TO-15 Short List (other)	Pace Lab ID
1	SS-1 A:012720	LLC		1/27/20	0910	1/27/20	1650			2162	1672					X					001,002
2	SS-2 A:012720	"		"	1350	"	2123			1729	0880					X					003,004
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Valid Media Codes: Tedlar Bag TB; 1 Liter Summa Can 1LC; 6 Liter Summa Can 6LC; Low Volume Puff LVP; High Volume Puff HVP; Other PM10

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Radlie Storer / ELAM	1/28/20	0832	[signature] PACE	1/30/20	1130

SAMPLE CONDITIONS

—	Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
		Y/N	Y/N	Y/N
		Y/N	Y/N	Y/N
		Y/N	Y/N	Y/N
		Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Radlie Storer

SIGNATURE of SAMPLER: Radlie Storer DATE Signed (MM / DD / YY): 1/27/20

ORIGINAL

Pace Analytical®	Document Name: Air Sample Condition Upon Receipt	Document Revised: 19Nov2019 Page 1 of 1
	Document No.: F-MN-A-106-rev.20	Pace Analytical Services - Minneapolis

Air Sample Condition Upon Receipt

Client Name: THE ELAM GROUP

Project # **WO#: 10506906**

PM: CT1 **Due Date: 02/06/20**

CLIENT: ELAM Group

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial **See Exception** ☒

Tracking Number: _____

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Tin Can ☐ Other: _____ **Temp Blank rec:** ☐ Yes ☒ No

Temp. (TO17 and TO13 samples only) (°C): X **Corrected Temp (°C):** X **Thermometer Used:** ☐ G87A9170600254 ☐ G87A9155100842

Temp should be above freezing to 6°C **Correction Factor:** Y **Date & Initials of Person Examining Contents:** 1/30/20 CMY

Type of ice Received ☐ Blue ☐ Wet ☒ None

				Comments:
Chain of Custody Present?	☒ Yes	☐ No		1.
Chain of Custody Filled Out?	☒ Yes	☐ No		2.
Chain of Custody Relinquished?	☒ Yes	☐ No		3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No		5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No		6.
Rush Turn Around Time Requested?	☐ Yes	☒ No		7.
Sufficient Volume?	☒ Yes	☐ No		8.
Correct Containers Used? **(Tedlar bags not acceptable container for TO-14, TO-15 or APH)** -Pace Containers Used?	☒ Yes ☒ Yes	☐ No ☐ No		9.
Containers Intact? **(visual inspection/no leaks when pressurized)**	☒ Yes	☐ No		10.
Media: (Air Can) Airbag Filter TDT Passive				11. Individually Certified Cans (Y) N (list which samples)
Is sufficient information available to reconcile samples to the COC?	☒ Yes	☐ No		12.
Do cans need to be pressurized? **(DO NOT PRESSURIZE 3C or ASTM 1946!!!)**	☒ Yes	☐ No		13.

Gauge # ☒ 10AIR26 ☐ 10AIR34 ☐ 10AIR35 ☐ 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SS-1	2162	1672	-4	+5					
SS-2	1729	0980	-5	+5					

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Lethan Boberg **Date:** 1/30/20

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical®	Document Name: SCUR Exception Form – Coolers Above 6°C	Document Revised: 08Apr2019 Page 1 of 1
	Document No.: F-MN-C-298-Rev.02	Issuing Authority: Pace Minnesota Quality Office

During sample triage, this form is to be placed in each cooler that arrives above 6.0 degrees Celsius

SCUR Exceptions: **Workorder #:**

Out of Temp Sample IDs	Container Type	# of Containers

PM Notified? ☐Yes ☐No

If yes, indicate who was contacted/date/time.
If no, indicate reason why.

Multiple Cooler Project? ☐Yes ☐No
If you answered yes, fill out information to the left.

No Temp Blank

Read Temp	Corrected Temp	Average Temp

Tracking Number/Temperature	
1083 0284 2117	
" 2091	
" 2080	
" 2106	
" 2128	
" 2139	

Other Issues

Issue Type: Sample ID	Container Type	# of Containers

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preserv.	pH Upon Receipt	Date Adjusted	Time Adjusted	Amount Added (mL)	Lot # Added	pH After	In Compliance after addition?	Initials
								☐Yes ☐No	
								☐Yes ☐No	
								☐Yes ☐No	
								☐Yes ☐No	

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

February 07, 2020

Jason Oland
The Elam Group
176 W. Logan St.
Noblesville, IN 46060

RE: Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Dear Jason Oland:
Enclosed are the analytical results for sample(s) received by the laboratory on January 30, 2020. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures

cc: Chris Sloffer, The Elam Group

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Pace Analytical Services Minneapolis

A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Massachusetts DWP Certification #: via MN 027-053-137
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Vermont Certification #: VT-027053137
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10506915001	IA-1 A:012720	Air	01/27/20 16:52	01/30/20 11:30
10506915002	IA-1 A:012720 Cert 1568	Air	01/27/20 16:52	01/30/20 11:30
10506915003	IA-2 A:012720	Air	01/27/20 21:24	01/30/20 11:30
10506915004	IA-2 A:012720 Cert 0819	Air	01/27/20 21:24	01/30/20 11:30
10506915005	IA-3 A:012720	Air	01/27/20 21:25	01/30/20 11:30
10506915006	IA-3 A:012720 Cert 2712	Air	01/27/20 21:25	01/30/20 11:30
10506915007	IA-12 A:012720	Air	01/27/20 16:36	01/30/20 11:30
10506915008	IA-12 A:012720 Cert 2657	Air	01/27/20 16:36	01/30/20 11:30
10506915009	IA-13 A:012720	Air	01/27/20 21:33	01/30/20 11:30
10506915010	IA-13 A:012720 Cert 2661	Air	01/27/20 21:33	01/30/20 11:30
10506915011	IA-16 A:012720	Air	01/27/20 21:20	01/30/20 11:30
10506915012	IA-16 A:012720 Cert 3204	Air	01/27/20 21:20	01/30/20 11:30
10506915013	IA-17 A:012720	Air	01/27/20 21:19	01/30/20 11:30
10506915014	IA-17 A:012720 Cert 2336	Air	01/27/20 21:19	01/30/20 11:30
10506915015	Duplicate IA A:012720	Air	01/27/20 21:21	01/30/20 11:30
10506915016	Duplicate IA A:012720 Cert1672	Air	01/27/20 21:21	01/30/20 11:30
10506915017	OA 720 A:012720	Air	01/27/20 17:55	01/30/20 11:30
10506915018	OA 720 A:012720 Cert2660	Air	01/27/20 17:55	01/30/20 11:30
10506915019	Unused Can 3569	Air		01/30/20 11:30
10506915020	Unused Can 3583	Air		01/30/20 11:30
10506915021	Unused Can 2342	Air		01/30/20 11:30
10506915022	Unused Can 2064	Air		01/30/20 11:30
10506915023	Unused Can 2386	Air		01/30/20 11:30

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SAMPLE ANALYTE COUNT

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10506915001	**IA-1 A:012720**	TO-15	MLS	61	PASI-M
10506915002	**IA-1 A:012720 Cert 1568**	TO-15	AFV	61	PASI-M
10506915003	**IA-2 A:012720**	TO-15	NCK	61	PASI-M
10506915004	**IA-2 A:012720 Cert 0819**	TO-15	AFV	61	PASI-M
10506915005	**IA-3 A:012720**	TO-15	MLS	61	PASI-M
10506915006	**IA-3 A:012720 Cert 2712**	TO-15	MJL	61	PASI-M
10506915007	**IA-12 A:012720**	TO-15	MLS	61	PASI-M
10506915008	**IA-12 A:012720 Cert 2657**	TO-15	NCK	61	PASI-M
10506915009	**IA-13 A:012720**	TO-15	NCK	61	PASI-M
10506915010	**IA-13 A:012720 Cert 2661**	TO-15	MJL	61	PASI-M
10506915011	**IA-16 A:012720**	TO-15	NCK	61	PASI-M
10506915012	**IA-16 A:012720 Cert 3204**	TO-15	NCK	61	PASI-M
10506915013	**IA-17 A:012720**	TO-15	NCK	61	PASI-M
10506915014	**IA-17 A:012720 Cert 2336**	TO-15	NCK	61	PASI-M
10506915015	**Duplicate IA A:012720**	TO-15	NCK	61	PASI-M
10506915016	**Duplicate IA A:012720 Cert1672**	TO-15	NCK	61	PASI-M
10506915017	**OA 720 A:012720**	TO-15	MLS	61	PASI-M
10506915018	**OA 720 A:012720 Cert2660**	TO-15	MJL	61	PASI-M

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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-1 A:012720 **Lab ID: 10506915001** Collected: 01/27/20 16:52 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Acetone	**14.7**	ug/m3	3.7	1.9	1.55		02/05/20 18:09	67-64-1	
Benzene	**0.60**	ug/m3	0.050	0.033	1.55		02/05/20 18:09	71-43-2	
Benzyl chloride	ND	ug/m3	4.1	1.9	1.55		02/05/20 18:09	100-44-7	
Bromodichloromethane	ND	ug/m3	0.11	0.078	1.55		02/05/20 18:09	75-27-4	
Bromoform	ND	ug/m3	8.1	2.2	1.55		02/05/20 18:09	75-25-2	
Bromomethane	ND	ug/m3	1.2	0.35	1.55		02/05/20 18:09	74-83-9	
1,3-Butadiene	ND	ug/m3	0.035	0.033	1.55		02/05/20 18:09	106-99-0	
2-Butanone (MEK)	ND	ug/m3	4.6	0.57	1.55		02/05/20 18:09	78-93-3	
Carbon disulfide	ND	ug/m3	0.98	0.34	1.55		02/05/20 18:09	75-15-0	
Carbon tetrachloride	**0.59**	ug/m3	0.099	0.065	1.55		02/05/20 18:09	56-23-5	SS
Chlorobenzene	ND	ug/m3	1.5	0.43	1.55		02/05/20 18:09	108-90-7	
Chloroethane	ND	ug/m3	0.83	0.40	1.55		02/05/20 18:09	75-00-3	
Chloroform	**0.55**	ug/m3	0.077	0.045	1.55		02/05/20 18:09	67-66-3	
Chloromethane	**1.2**	ug/m3	0.65	0.24	1.55		02/05/20 18:09	74-87-3	
Cyclohexane	ND	ug/m3	2.7	0.55	1.55		02/05/20 18:09	110-82-7	
Dibromochloromethane	ND	ug/m3	2.7	1.1	1.55		02/05/20 18:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.12	0.11	1.55		02/05/20 18:09	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.9	0.77	1.55		02/05/20 18:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.9	0.90	1.55		02/05/20 18:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.7	1.6	1.55		02/05/20 18:09	106-46-7	
Dichlorodifluoromethane	**2.8**	ug/m3	1.6	0.45	1.55		02/05/20 18:09	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.064	0.037	1.55		02/05/20 18:09	75-34-3	
1,2-Dichloroethane	**0.092**	ug/m3	0.064	0.036	1.55		02/05/20 18:09	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.062	0.054	1.55		02/05/20 18:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.062	0.042	1.55		02/05/20 18:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.062	0.057	1.55		02/05/20 18:09	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.073	0.045	1.55		02/05/20 18:09	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.071	0.056	1.55		02/05/20 18:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.071	0.064	1.55		02/05/20 18:09	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.2	0.68	1.55		02/05/20 18:09	76-14-2	
Ethanol	**115**	ug/m3	3.0	1.3	1.55		02/05/20 18:09	64-17-5	
Ethyl acetate	ND	ug/m3	1.1	0.29	1.55		02/05/20 18:09	141-78-6	
Ethylbenzene	ND	ug/m3	1.4	0.47	1.55		02/05/20 18:09	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.9	0.88	1.55		02/05/20 18:09	622-96-8	
n-Heptane	ND	ug/m3	1.3	0.59	1.55		02/05/20 18:09	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	8.4	3.1	1.55		02/05/20 18:09	87-68-3	
n-Hexane	ND	ug/m3	1.1	0.48	1.55		02/05/20 18:09	110-54-3	
2-Hexanone	ND	ug/m3	6.4	1.2	1.55		02/05/20 18:09	591-78-6	
Methylene Chloride	ND	ug/m3	5.5	1.9	1.55		02/05/20 18:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.4	0.80	1.55		02/05/20 18:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.7	1.0	1.55		02/05/20 18:09	1634-04-4	
Naphthalene	ND	ug/m3	4.1	2.0	1.55		02/05/20 18:09	91-20-3	
2-Propanol	**8.0**	ug/m3	3.9	1.1	1.55		02/05/20 18:09	67-63-0	
Propylene	ND	ug/m3	0.54	0.22	1.55		02/05/20 18:09	115-07-1	
Styrene	ND	ug/m3	1.3	0.53	1.55		02/05/20 18:09	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.11	0.087	1.55		02/05/20 18:09	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-1 A:012720 **Lab ID: 10506915001** Collected: 01/27/20 16:52 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Tetrachloroethene	**0.12**	ug/m3	0.11	0.091	1.55		02/05/20 18:09	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.93	0.40	1.55		02/05/20 18:09	109-99-9	
Toluene	**1.4**	ug/m3	1.2	0.54	1.55		02/05/20 18:09	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	11.7	5.8	1.55		02/05/20 18:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.086	0.056	1.55		02/05/20 18:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.086	0.057	1.55		02/05/20 18:09	79-00-5	
Trichloroethene	ND	ug/m3	0.085	0.076	1.55		02/05/20 18:09	79-01-6	
Trichlorofluoromethane	**1.8**	ug/m3	1.8	0.57	1.55		02/05/20 18:09	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.4	0.87	1.55		02/05/20 18:09	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.5	0.70	1.55		02/05/20 18:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	0.62	1.55		02/05/20 18:09	108-67-8	
Vinyl acetate	ND	ug/m3	1.1	0.42	1.55		02/05/20 18:09	108-05-4	
Vinyl chloride	ND	ug/m3	0.040	0.036	1.55		02/05/20 18:09	75-01-4	
m&p-Xylene	ND	ug/m3	2.7	1.1	1.55		02/05/20 18:09	179601-23-1	
o-Xylene	ND	ug/m3	1.4	0.53	1.55		02/05/20 18:09	95-47-6	

Sample: IA-1 A:012720 Cert 1568 **Lab ID: 10506915002** Collected: 01/27/20 16:52 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
Acetone	ND	ug/m3	2.4	1.2	1		01/17/20 13:09	67-64-1	
Benzene	ND	ug/m3	0.032	0.021	1		01/17/20 13:09	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	1.2	1		01/17/20 13:09	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.050	1		01/17/20 13:09	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		01/17/20 13:09	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.23	1		01/17/20 13:09	74-83-9	
1,3-Butadiene	ND	ug/m3	0.022	0.021	1		01/17/20 13:09	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.37	1		01/17/20 13:09	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.22	1		01/17/20 13:09	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.064	0.042	1		01/17/20 13:09	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.28	1		01/17/20 13:09	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.26	1		01/17/20 13:09	75-00-3	
Chloroform	ND	ug/m3	0.050	0.029	1		01/17/20 13:09	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.16	1		01/17/20 13:09	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.35	1		01/17/20 13:09	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.72	1		01/17/20 13:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.071	1		01/17/20 13:09	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.50	1		01/17/20 13:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.58	1		01/17/20 13:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	1.0	1		01/17/20 13:09	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.29	1		01/17/20 13:09	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.041	0.024	1		01/17/20 13:09	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.041	0.023	1		01/17/20 13:09	107-06-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-1 A:012720 Cert 1568 **Lab ID: 10506915002** Collected: 01/27/20 16:52 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
1,1-Dichloroethene	ND	ug/m3	0.040	0.035	1		01/17/20 13:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.040	0.027	1		01/17/20 13:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.040	0.037	1		01/17/20 13:09	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.029	1		01/17/20 13:09	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.046	0.036	1		01/17/20 13:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.046	0.041	1		01/17/20 13:09	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.44	1		01/17/20 13:09	76-14-2	
Ethanol	ND	ug/m3	1.9	0.81	1		01/17/20 13:09	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.19	1		01/17/20 13:09	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.30	1		01/17/20 13:09	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.57	1		01/17/20 13:09	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.38	1		01/17/20 13:09	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	2.0	1		01/17/20 13:09	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.31	1		01/17/20 13:09	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.74	1		01/17/20 13:09	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	1.2	1		01/17/20 13:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.52	1		01/17/20 13:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.66	1		01/17/20 13:09	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.3	1		01/17/20 13:09	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.70	1		01/17/20 13:09	67-63-0	
Propylene	ND	ug/m3	0.35	0.14	1		01/17/20 13:09	115-07-1	
Styrene	ND	ug/m3	0.87	0.34	1		01/17/20 13:09	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.070	0.056	1		01/17/20 13:09	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.059	1		01/17/20 13:09	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.26	1		01/17/20 13:09	109-99-9	
Toluene	ND	ug/m3	0.77	0.35	1		01/17/20 13:09	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.7	1		01/17/20 13:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.056	0.036	1		01/17/20 13:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.037	1		01/17/20 13:09	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.049	1		01/17/20 13:09	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.37	1		01/17/20 13:09	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.56	1		01/17/20 13:09	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.45	1		01/17/20 13:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.40	1		01/17/20 13:09	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.27	1		01/17/20 13:09	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.023	1		01/17/20 13:09	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.70	1		01/17/20 13:09	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.34	1		01/17/20 13:09	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-2 A:012720 **Lab ID: 10506915003** Collected: 01/27/20 21:24 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Acetone	**167**	ug/m3	3.9	1.9	1.61		02/06/20 20:56	67-64-1	
Benzene	**0.57**	ug/m3	0.052	0.034	1.61		02/06/20 20:56	71-43-2	
Benzyl chloride	ND	ug/m3	4.2	1.9	1.61		02/06/20 20:56	100-44-7	
Bromodichloromethane	ND	ug/m3	0.11	0.080	1.61		02/06/20 20:56	75-27-4	
Bromoform	ND	ug/m3	8.5	2.3	1.61		02/06/20 20:56	75-25-2	
Bromomethane	ND	ug/m3	1.3	0.37	1.61		02/06/20 20:56	74-83-9	
1,3-Butadiene	ND	ug/m3	0.036	0.034	1.61		02/06/20 20:56	106-99-0	
2-Butanone (MEK)	ND	ug/m3	4.8	0.59	1.61		02/06/20 20:56	78-93-3	
Carbon disulfide	ND	ug/m3	1.0	0.35	1.61		02/06/20 20:56	75-15-0	
Carbon tetrachloride	**0.50**	ug/m3	0.10	0.068	1.61		02/06/20 20:56	56-23-5	
Chlorobenzene	ND	ug/m3	1.5	0.44	1.61		02/06/20 20:56	108-90-7	
Chloroethane	ND	ug/m3	0.86	0.42	1.61		02/06/20 20:56	75-00-3	
Chloroform	**1.1**	ug/m3	0.080	0.047	1.61		02/06/20 20:56	67-66-3	
Chloromethane	**1.3**	ug/m3	0.68	0.25	1.61		02/06/20 20:56	74-87-3	
Cyclohexane	**3.0**	ug/m3	2.8	0.57	1.61		02/06/20 20:56	110-82-7	
Dibromochloromethane	ND	ug/m3	2.8	1.2	1.61		02/06/20 20:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.13	0.11	1.61		02/06/20 20:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.0	0.80	1.61		02/06/20 20:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.0	0.94	1.61		02/06/20 20:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.9	1.6	1.61		02/06/20 20:56	106-46-7	
Dichlorodifluoromethane	**2.7**	ug/m3	1.6	0.47	1.61		02/06/20 20:56	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.066	0.039	1.61		02/06/20 20:56	75-34-3	
1,2-Dichloroethane	**0.11**	ug/m3	0.066	0.037	1.61		02/06/20 20:56	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.065	0.056	1.61		02/06/20 20:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.065	0.043	1.61		02/06/20 20:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.065	0.060	1.61		02/06/20 20:56	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.076	0.047	1.61		02/06/20 20:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.074	0.058	1.61		02/06/20 20:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.074	0.066	1.61		02/06/20 20:56	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.3	0.70	1.61		02/06/20 20:56	76-14-2	
Ethanol	**950**	ug/m3	3.1	1.3	1.61		02/06/20 20:56	64-17-5	E
Ethyl acetate	**1.4**	ug/m3	1.2	0.31	1.61		02/06/20 20:56	141-78-6	
Ethylbenzene	ND	ug/m3	1.4	0.49	1.61		02/06/20 20:56	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.0	0.92	1.61		02/06/20 20:56	622-96-8	
n-Heptane	**7.8**	ug/m3	1.3	0.61	1.61		02/06/20 20:56	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	8.7	3.2	1.61		02/06/20 20:56	87-68-3	
n-Hexane	**1.7**	ug/m3	1.2	0.50	1.61		02/06/20 20:56	110-54-3	
2-Hexanone	ND	ug/m3	6.7	1.2	1.61		02/06/20 20:56	591-78-6	
Methylene Chloride	ND	ug/m3	5.7	1.9	1.61		02/06/20 20:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.7	0.83	1.61		02/06/20 20:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.9	1.1	1.61		02/06/20 20:56	1634-04-4	
Naphthalene	ND	ug/m3	4.3	2.1	1.61		02/06/20 20:56	91-20-3	
2-Propanol	**16.3**	ug/m3	4.0	1.1	1.61		02/06/20 20:56	67-63-0	
Propylene	ND	ug/m3	0.56	0.23	1.61		02/06/20 20:56	115-07-1	
Styrene	ND	ug/m3	1.4	0.55	1.61		02/06/20 20:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.11	0.090	1.61		02/06/20 20:56	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-2 A:012720 **Lab ID: 10506915003** Collected: 01/27/20 21:24 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Tetrachloroethene	**0.71**	ug/m3	0.11	0.095	1.61		02/05/20 18:48	127-18-4	
Tetrahydrofuran	**1.4**	ug/m3	0.97	0.42	1.61		02/06/20 20:56	109-99-9	
Toluene	**2.8**	ug/m3	1.2	0.57	1.61		02/06/20 20:56	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	12.1	6.0	1.61		02/06/20 20:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.089	0.058	1.61		02/06/20 20:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.089	0.060	1.61		02/06/20 20:56	79-00-5	
Trichloroethene	ND	ug/m3	0.088	0.079	1.61		02/05/20 18:48	79-01-6	
Trichlorofluoromethane	**1.9**	ug/m3	1.8	0.59	1.61		02/06/20 20:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.5	0.91	1.61		02/06/20 20:56	76-13-1	
1,2,4-Trimethylbenzene	**2.9**	ug/m3	1.6	0.73	1.61		02/06/20 20:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.6	0.64	1.61		02/06/20 20:56	108-67-8	
Vinyl acetate	ND	ug/m3	1.2	0.43	1.61		02/06/20 20:56	108-05-4	
Vinyl chloride	ND	ug/m3	0.042	0.037	1.61		02/06/20 20:56	75-01-4	
m&p-Xylene	**3.9**	ug/m3	2.8	1.1	1.61		02/06/20 20:56	179601-23-1	
o-Xylene	**2.0**	ug/m3	1.4	0.55	1.61		02/06/20 20:56	95-47-6	

Sample: IA-2 A:012720 Cert 0819 **Lab ID: 10506915004** Collected: 01/27/20 21:24 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
Acetone	ND	ug/m3	2.4	1.2	1		01/17/20 12:36	67-64-1	
Benzene	ND	ug/m3	0.032	0.021	1		01/17/20 12:36	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	1.2	1		01/17/20 12:36	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.050	1		01/17/20 12:36	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		01/17/20 12:36	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.23	1		01/17/20 12:36	74-83-9	
1,3-Butadiene	ND	ug/m3	0.022	0.021	1		01/17/20 12:36	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.37	1		01/17/20 12:36	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.22	1		01/17/20 12:36	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.064	0.042	1		01/17/20 12:36	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.28	1		01/17/20 12:36	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.26	1		01/17/20 12:36	75-00-3	
Chloroform	ND	ug/m3	0.050	0.029	1		01/17/20 12:36	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.16	1		01/17/20 12:36	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.35	1		01/17/20 12:36	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.72	1		01/17/20 12:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.071	1		01/17/20 12:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.50	1		01/17/20 12:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.58	1		01/17/20 12:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	1.0	1		01/17/20 12:36	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.29	1		01/17/20 12:36	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.041	0.024	1		01/17/20 12:36	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.041	0.023	1		01/17/20 12:36	107-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-2 A:012720 Cert 0819 **Lab ID: 10506915004** Collected: 01/27/20 21:24 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
1,1-Dichloroethene	ND	ug/m3	0.040	0.035	1		01/17/20 12:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.040	0.027	1		01/17/20 12:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.040	0.037	1		01/17/20 12:36	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.029	1		01/17/20 12:36	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.046	0.036	1		01/17/20 12:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.046	0.041	1		01/17/20 12:36	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.44	1		01/17/20 12:36	76-14-2	
Ethanol	ND	ug/m3	1.9	0.81	1		01/17/20 12:36	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.19	1		01/17/20 12:36	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.30	1		01/17/20 12:36	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.57	1		01/17/20 12:36	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.38	1		01/17/20 12:36	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	2.0	1		01/17/20 12:36	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.31	1		01/17/20 12:36	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.74	1		01/17/20 12:36	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	1.2	1		01/17/20 12:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.52	1		01/17/20 12:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.66	1		01/17/20 12:36	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.3	1		01/17/20 12:36	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.70	1		01/17/20 12:36	67-63-0	
Propylene	ND	ug/m3	0.35	0.14	1		01/17/20 12:36	115-07-1	
Styrene	ND	ug/m3	0.87	0.34	1		01/17/20 12:36	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.070	0.056	1		01/17/20 12:36	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.059	1		01/17/20 12:36	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.26	1		01/17/20 12:36	109-99-9	
Toluene	ND	ug/m3	0.77	0.35	1		01/17/20 12:36	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.7	1		01/17/20 12:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.056	0.036	1		01/17/20 12:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.037	1		01/17/20 12:36	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.049	1		01/17/20 12:36	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.37	1		01/17/20 12:36	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.56	1		01/17/20 12:36	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.45	1		01/17/20 12:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.40	1		01/17/20 12:36	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.27	1		01/17/20 12:36	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.023	1		01/17/20 12:36	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.70	1		01/17/20 12:36	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.34	1		01/17/20 12:36	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-3 A:012720 **Lab ID: 10506915005** Collected: 01/27/20 21:25 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Acetone	**11.4**	ug/m3	4.2	2.1	1.75		02/05/20 19:27	67-64-1	
Benzene	**0.63**	ug/m3	0.057	0.037	1.75		02/05/20 19:27	71-43-2	
Benzyl chloride	ND	ug/m3	4.6	2.1	1.75		02/05/20 19:27	100-44-7	
Bromodichloromethane	ND	ug/m3	0.12	0.088	1.75		02/05/20 19:27	75-27-4	
Bromoform	ND	ug/m3	9.2	2.5	1.75		02/05/20 19:27	75-25-2	
Bromomethane	ND	ug/m3	1.4	0.40	1.75		02/05/20 19:27	74-83-9	
1,3-Butadiene	ND	ug/m3	0.039	0.037	1.75		02/05/20 19:27	106-99-0	
2-Butanone (MEK)	ND	ug/m3	5.2	0.65	1.75		02/05/20 19:27	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	0.38	1.75		02/05/20 19:27	75-15-0	
Carbon tetrachloride	**0.88**	ug/m3	0.11	0.074	1.75		02/05/20 19:27	56-23-5	SS
Chlorobenzene	ND	ug/m3	1.6	0.48	1.75		02/05/20 19:27	108-90-7	
Chloroethane	ND	ug/m3	0.94	0.46	1.75		02/05/20 19:27	75-00-3	
Chloroform	**0.30**	ug/m3	0.087	0.051	1.75		02/05/20 19:27	67-66-3	
Chloromethane	**1.5**	ug/m3	0.74	0.27	1.75		02/05/20 19:27	74-87-3	
Cyclohexane	ND	ug/m3	3.1	0.62	1.75		02/05/20 19:27	110-82-7	
Dibromochloromethane	ND	ug/m3	3.0	1.3	1.75		02/05/20 19:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.14	0.12	1.75		02/05/20 19:27	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.1	0.87	1.75		02/05/20 19:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.1	1.0	1.75		02/05/20 19:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.4	1.8	1.75		02/05/20 19:27	106-46-7	
Dichlorodifluoromethane	**2.8**	ug/m3	1.8	0.51	1.75		02/05/20 19:27	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.072	0.042	1.75		02/05/20 19:27	75-34-3	
1,2-Dichloroethane	**0.092**	ug/m3	0.072	0.040	1.75		02/05/20 19:27	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.071	0.061	1.75		02/05/20 19:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.071	0.047	1.75		02/05/20 19:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.071	0.065	1.75		02/05/20 19:27	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.082	0.051	1.75		02/05/20 19:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.081	0.063	1.75		02/05/20 19:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.081	0.072	1.75		02/05/20 19:27	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.5	0.76	1.75		02/05/20 19:27	76-14-2	
Ethanol	**28.9**	ug/m3	3.4	1.4	1.75		02/05/20 19:27	64-17-5	
Ethyl acetate	ND	ug/m3	1.3	0.33	1.75		02/05/20 19:27	141-78-6	
Ethylbenzene	ND	ug/m3	1.5	0.53	1.75		02/05/20 19:27	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.4	1.0	1.75		02/05/20 19:27	622-96-8	
n-Heptane	ND	ug/m3	1.5	0.66	1.75		02/05/20 19:27	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.5	3.4	1.75		02/05/20 19:27	87-68-3	
n-Hexane	ND	ug/m3	1.3	0.54	1.75		02/05/20 19:27	110-54-3	
2-Hexanone	ND	ug/m3	7.3	1.3	1.75		02/05/20 19:27	591-78-6	
Methylene Chloride	ND	ug/m3	6.2	2.1	1.75		02/05/20 19:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.3	0.91	1.75		02/05/20 19:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.4	1.2	1.75		02/05/20 19:27	1634-04-4	
Naphthalene	ND	ug/m3	4.7	2.3	1.75		02/05/20 19:27	91-20-3	
2-Propanol	ND	ug/m3	4.4	1.2	1.75		02/05/20 19:27	67-63-0	
Propylene	ND	ug/m3	0.61	0.24	1.75		02/05/20 19:27	115-07-1	
Styrene	ND	ug/m3	1.5	0.60	1.75		02/05/20 19:27	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.12	0.098	1.75		02/05/20 19:27	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-3 A:012720 **Lab ID: 10506915005** Collected: 01/27/20 21:25 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Tetrachloroethene	ND	ug/m3	0.12	0.10	1.75		02/05/20 19:27	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.0	0.46	1.75		02/05/20 19:27	109-99-9	
Toluene	**1.7**	ug/m3	1.3	0.61	1.75		02/05/20 19:27	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	13.2	6.5	1.75		02/05/20 19:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.097	0.063	1.75		02/05/20 19:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.097	0.065	1.75		02/05/20 19:27	79-00-5	
Trichloroethene	ND	ug/m3	0.096	0.086	1.75		02/05/20 19:27	79-01-6	
Trichlorofluoromethane	ND	ug/m3	2.0	0.64	1.75		02/05/20 19:27	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.7	0.99	1.75		02/05/20 19:27	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.7	0.79	1.75		02/05/20 19:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.7	0.70	1.75		02/05/20 19:27	108-67-8	
Vinyl acetate	ND	ug/m3	1.3	0.47	1.75		02/05/20 19:27	108-05-4	
Vinyl chloride	ND	ug/m3	0.046	0.040	1.75		02/05/20 19:27	75-01-4	
m&p-Xylene	ND	ug/m3	3.1	1.2	1.75		02/05/20 19:27	179601-23-1	
o-Xylene	ND	ug/m3	1.5	0.60	1.75		02/05/20 19:27	95-47-6	

Sample: IA-3 A:012720 Cert 2712 **Lab ID: 10506915006** Collected: 01/27/20 21:25 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
Acetone	ND	ug/m3	2.4	1.2	1		01/18/20 20:34	67-64-1	
Benzene	ND	ug/m3	0.032	0.021	1		01/18/20 20:34	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	1.2	1		01/18/20 20:34	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.050	1		01/18/20 20:34	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		01/18/20 20:34	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.23	1		01/18/20 20:34	74-83-9	
1,3-Butadiene	ND	ug/m3	0.022	0.021	1		01/18/20 20:34	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.37	1		01/18/20 20:34	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.22	1		01/18/20 20:34	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.064	0.042	1		01/18/20 20:34	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.28	1		01/18/20 20:34	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.26	1		01/18/20 20:34	75-00-3	
Chloroform	ND	ug/m3	0.050	0.029	1		01/18/20 20:34	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.16	1		01/18/20 20:34	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.35	1		01/18/20 20:34	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.72	1		01/18/20 20:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.071	1		01/18/20 20:34	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.50	1		01/18/20 20:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.58	1		01/18/20 20:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	1.0	1		01/18/20 20:34	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.29	1		01/18/20 20:34	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.041	0.024	1		01/18/20 20:34	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.041	0.023	1		01/18/20 20:34	107-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-3 A:012720 Cert 2712 **Lab ID: 10506915006** Collected: 01/27/20 21:25 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
1,1-Dichloroethene	ND	ug/m3	0.040	0.035	1		01/18/20 20:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.040	0.027	1		01/18/20 20:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.040	0.037	1		01/18/20 20:34	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.029	1		01/18/20 20:34	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.046	0.036	1		01/18/20 20:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.046	0.041	1		01/18/20 20:34	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.44	1		01/18/20 20:34	76-14-2	
Ethanol	ND	ug/m3	1.9	0.81	1		01/18/20 20:34	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.19	1		01/18/20 20:34	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.30	1		01/18/20 20:34	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.57	1		01/18/20 20:34	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.38	1		01/18/20 20:34	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	2.0	1		01/18/20 20:34	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.31	1		01/18/20 20:34	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.74	1		01/18/20 20:34	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	1.2	1		01/18/20 20:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.52	1		01/18/20 20:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.66	1		01/18/20 20:34	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.3	1		01/18/20 20:34	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.70	1		01/18/20 20:34	67-63-0	
Propylene	ND	ug/m3	0.35	0.14	1		01/18/20 20:34	115-07-1	
Styrene	ND	ug/m3	0.87	0.34	1		01/18/20 20:34	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.070	0.056	1		01/18/20 20:34	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.059	1		01/18/20 20:34	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.26	1		01/18/20 20:34	109-99-9	
Toluene	ND	ug/m3	0.77	0.35	1		01/18/20 20:34	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.7	1		01/18/20 20:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.056	0.036	1		01/18/20 20:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.037	1		01/18/20 20:34	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.049	1		01/18/20 20:34	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.37	1		01/18/20 20:34	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.56	1		01/18/20 20:34	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.45	1		01/18/20 20:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.40	1		01/18/20 20:34	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.27	1		01/18/20 20:34	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.023	1		01/18/20 20:34	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.70	1		01/18/20 20:34	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.34	1		01/18/20 20:34	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-12 A:012720 **Lab ID: 10506915007** Collected: 01/27/20 16:36 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Acetone	**15.1**	ug/m3	3.7	1.9	1.55		02/05/20 20:07	67-64-1	
Benzene	**0.66**	ug/m3	0.050	0.033	1.55		02/05/20 20:07	71-43-2	
Benzyl chloride	ND	ug/m3	4.1	1.9	1.55		02/05/20 20:07	100-44-7	
Bromodichloromethane	ND	ug/m3	0.11	0.078	1.55		02/05/20 20:07	75-27-4	
Bromoform	ND	ug/m3	8.1	2.2	1.55		02/05/20 20:07	75-25-2	
Bromomethane	ND	ug/m3	1.2	0.35	1.55		02/05/20 20:07	74-83-9	
1,3-Butadiene	ND	ug/m3	0.035	0.033	1.55		02/05/20 20:07	106-99-0	
2-Butanone (MEK)	ND	ug/m3	4.6	0.57	1.55		02/05/20 20:07	78-93-3	
Carbon disulfide	ND	ug/m3	0.98	0.34	1.55		02/05/20 20:07	75-15-0	
Carbon tetrachloride	**0.56**	ug/m3	0.099	0.065	1.55		02/05/20 20:07	56-23-5	SS
Chlorobenzene	ND	ug/m3	1.5	0.43	1.55		02/05/20 20:07	108-90-7	
Chloroethane	ND	ug/m3	0.83	0.40	1.55		02/05/20 20:07	75-00-3	
Chloroform	**0.31**	ug/m3	0.077	0.045	1.55		02/05/20 20:07	67-66-3	
Chloromethane	**1.1**	ug/m3	0.65	0.24	1.55		02/05/20 20:07	74-87-3	
Cyclohexane	ND	ug/m3	2.7	0.55	1.55		02/05/20 20:07	110-82-7	
Dibromochloromethane	ND	ug/m3	2.7	1.1	1.55		02/05/20 20:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.12	0.11	1.55		02/05/20 20:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.9	0.77	1.55		02/05/20 20:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.9	0.90	1.55		02/05/20 20:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.7	1.6	1.55		02/05/20 20:07	106-46-7	
Dichlorodifluoromethane	**2.8**	ug/m3	1.6	0.45	1.55		02/05/20 20:07	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.064	0.037	1.55		02/05/20 20:07	75-34-3	
1,2-Dichloroethane	**0.096**	ug/m3	0.064	0.036	1.55		02/05/20 20:07	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.062	0.054	1.55		02/05/20 20:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.062	0.042	1.55		02/05/20 20:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.062	0.057	1.55		02/05/20 20:07	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.073	0.045	1.55		02/05/20 20:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.071	0.056	1.55		02/05/20 20:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.071	0.064	1.55		02/05/20 20:07	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.2	0.68	1.55		02/05/20 20:07	76-14-2	
Ethanol	**629**	ug/m3	3.0	1.3	1.55		02/05/20 20:07	64-17-5	E
Ethyl acetate	ND	ug/m3	1.1	0.29	1.55		02/05/20 20:07	141-78-6	
Ethylbenzene	ND	ug/m3	1.4	0.47	1.55		02/05/20 20:07	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.9	0.88	1.55		02/05/20 20:07	622-96-8	
n-Heptane	ND	ug/m3	1.3	0.59	1.55		02/05/20 20:07	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	8.4	3.1	1.55		02/05/20 20:07	87-68-3	
n-Hexane	ND	ug/m3	1.1	0.48	1.55		02/05/20 20:07	110-54-3	
2-Hexanone	ND	ug/m3	6.4	1.2	1.55		02/05/20 20:07	591-78-6	
Methylene Chloride	ND	ug/m3	5.5	1.9	1.55		02/05/20 20:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.4	0.80	1.55		02/05/20 20:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.7	1.0	1.55		02/05/20 20:07	1634-04-4	
Naphthalene	ND	ug/m3	4.1	2.0	1.55		02/05/20 20:07	91-20-3	
2-Propanol	**4.0**	ug/m3	3.9	1.1	1.55		02/05/20 20:07	67-63-0	
Propylene	ND	ug/m3	0.54	0.22	1.55		02/05/20 20:07	115-07-1	
Styrene	ND	ug/m3	1.3	0.53	1.55		02/05/20 20:07	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.11	0.087	1.55		02/05/20 20:07	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-12 A:012720 **Lab ID: 10506915007** Collected: 01/27/20 16:36 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Tetrachloroethene	**0.13**	ug/m3	0.11	0.091	1.55		02/05/20 20:07	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.93	0.40	1.55		02/05/20 20:07	109-99-9	
Toluene	**1.4**	ug/m3	1.2	0.54	1.55		02/05/20 20:07	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	11.7	5.8	1.55		02/05/20 20:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.086	0.056	1.55		02/05/20 20:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.086	0.057	1.55		02/05/20 20:07	79-00-5	
Trichloroethene	ND	ug/m3	0.085	0.076	1.55		02/05/20 20:07	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.8	0.57	1.55		02/05/20 20:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.4	0.87	1.55		02/05/20 20:07	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.5	0.70	1.55		02/05/20 20:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	0.62	1.55		02/05/20 20:07	108-67-8	
Vinyl acetate	ND	ug/m3	1.1	0.42	1.55		02/05/20 20:07	108-05-4	
Vinyl chloride	ND	ug/m3	0.040	0.036	1.55		02/05/20 20:07	75-01-4	
m&p-Xylene	ND	ug/m3	2.7	1.1	1.55		02/05/20 20:07	179601-23-1	
o-Xylene	ND	ug/m3	1.4	0.53	1.55		02/05/20 20:07	95-47-6	

Sample: IA-12 A:012720 Cert 2657 **Lab ID: 10506915008** Collected: 01/27/20 16:36 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
Acetone	ND	ug/m3	2.4	1.2	1		01/19/20 13:30	67-64-1	
Benzene	ND	ug/m3	0.032	0.021	1		01/19/20 13:30	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	1.2	1		01/19/20 13:30	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.050	1		01/19/20 13:30	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		01/19/20 13:30	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.23	1		01/19/20 13:30	74-83-9	
1,3-Butadiene	ND	ug/m3	0.022	0.021	1		01/19/20 13:30	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.37	1		01/19/20 13:30	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.22	1		01/19/20 13:30	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.064	0.042	1		01/19/20 13:30	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.28	1		01/19/20 13:30	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.26	1		01/19/20 13:30	75-00-3	
Chloroform	ND	ug/m3	0.050	0.029	1		01/19/20 13:30	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.16	1		01/19/20 13:30	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.35	1		01/19/20 13:30	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.72	1		01/19/20 13:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.071	1		01/19/20 13:30	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.50	1		01/19/20 13:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.58	1		01/19/20 13:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	1.0	1		01/19/20 13:30	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.29	1		01/19/20 13:30	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.041	0.024	1		01/19/20 13:30	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.041	0.023	1		01/19/20 13:30	107-06-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-12 A:012720 Cert 2657 **Lab ID: 10506915008** Collected: 01/27/20 16:36 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
1,1-Dichloroethene	ND	ug/m3	0.040	0.035	1		01/19/20 13:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.040	0.027	1		01/19/20 13:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.040	0.037	1		01/19/20 13:30	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.029	1		01/19/20 13:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.046	0.036	1		01/19/20 13:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.046	0.041	1		01/19/20 13:30	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.44	1		01/19/20 13:30	76-14-2	
Ethanol	ND	ug/m3	1.9	0.81	1		01/19/20 13:30	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.19	1		01/19/20 13:30	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.30	1		01/19/20 13:30	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.57	1		01/19/20 13:30	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.38	1		01/19/20 13:30	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	2.0	1		01/19/20 13:30	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.31	1		01/19/20 13:30	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.74	1		01/19/20 13:30	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	1.2	1		01/19/20 13:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.52	1		01/19/20 13:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.66	1		01/19/20 13:30	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.3	1		01/19/20 13:30	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.70	1		01/19/20 13:30	67-63-0	
Propylene	ND	ug/m3	0.35	0.14	1		01/19/20 13:30	115-07-1	
Styrene	ND	ug/m3	0.87	0.34	1		01/19/20 13:30	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.070	0.056	1		01/19/20 13:30	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.059	1		01/19/20 13:30	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.26	1		01/19/20 13:30	109-99-9	
Toluene	ND	ug/m3	0.77	0.35	1		01/19/20 13:30	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.7	1		01/19/20 13:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.056	0.036	1		01/19/20 13:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.037	1		01/19/20 13:30	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.049	1		01/19/20 13:30	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.37	1		01/19/20 13:30	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.56	1		01/19/20 13:30	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.45	1		01/19/20 13:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.40	1		01/19/20 13:30	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.27	1		01/19/20 13:30	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.023	1		01/19/20 13:30	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.70	1		01/19/20 13:30	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.34	1		01/19/20 13:30	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-13 A:012720 **Lab ID: 10506915009** Collected: 01/27/20 21:33 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Acetone	**62.6**	ug/m3	4.1	2.1	1.71		02/06/20 21:56	67-64-1	
Benzene	**0.53**	ug/m3	0.056	0.036	1.71		02/06/20 21:56	71-43-2	
Benzyl chloride	ND	ug/m3	4.5	2.1	1.71		02/06/20 21:56	100-44-7	
Bromodichloromethane	ND	ug/m3	0.12	0.086	1.71		02/06/20 21:56	75-27-4	
Bromoform	ND	ug/m3	9.0	2.4	1.71		02/06/20 21:56	75-25-2	
Bromomethane	ND	ug/m3	1.3	0.39	1.71		02/06/20 21:56	74-83-9	
1,3-Butadiene	ND	ug/m3	0.038	0.036	1.71		02/06/20 21:56	106-99-0	
2-Butanone (MEK)	ND	ug/m3	5.1	0.63	1.71		02/06/20 21:56	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	0.37	1.71		02/06/20 21:56	75-15-0	
Carbon tetrachloride	**0.56**	ug/m3	0.11	0.072	1.71		02/06/20 21:56	56-23-5	
Chlorobenzene	ND	ug/m3	1.6	0.47	1.71		02/06/20 21:56	108-90-7	
Chloroethane	ND	ug/m3	0.92	0.44	1.71		02/06/20 21:56	75-00-3	
Chloroform	**1.6**	ug/m3	0.085	0.050	1.71		02/06/20 21:56	67-66-3	
Chloromethane	**1.3**	ug/m3	0.72	0.27	1.71		02/06/20 21:56	74-87-3	
Cyclohexane	ND	ug/m3	3.0	0.60	1.71		02/06/20 21:56	110-82-7	
Dibromochloromethane	ND	ug/m3	3.0	1.2	1.71		02/06/20 21:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.13	0.12	1.71		02/06/20 21:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.1	0.85	1.71		02/06/20 21:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.1	0.99	1.71		02/06/20 21:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	5.2	1.7	1.71		02/06/20 21:56	106-46-7	
Dichlorodifluoromethane	**2.8**	ug/m3	1.7	0.50	1.71		02/06/20 21:56	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.070	0.041	1.71		02/06/20 21:56	75-34-3	
1,2-Dichloroethane	**0.14**	ug/m3	0.070	0.040	1.71		02/06/20 21:56	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.069	0.060	1.71		02/06/20 21:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.069	0.046	1.71		02/06/20 21:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.069	0.063	1.71		02/06/20 21:56	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.080	0.050	1.71		02/06/20 21:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.079	0.062	1.71		02/06/20 21:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.079	0.070	1.71		02/06/20 21:56	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.4	0.75	1.71		02/06/20 21:56	76-14-2	
Ethanol	**1310**	ug/m3	3.3	1.4	1.71		02/06/20 21:56	64-17-5	E
Ethyl acetate	ND	ug/m3	1.3	0.32	1.71		02/06/20 21:56	141-78-6	
Ethylbenzene	ND	ug/m3	1.5	0.52	1.71		02/06/20 21:56	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.3	0.97	1.71		02/06/20 21:56	622-96-8	
n-Heptane	**1.6**	ug/m3	1.4	0.65	1.71		02/06/20 21:56	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	9.3	3.4	1.71		02/06/20 21:56	87-68-3	
n-Hexane	**1.3**	ug/m3	1.2	0.53	1.71		02/06/20 21:56	110-54-3	
2-Hexanone	ND	ug/m3	7.1	1.3	1.71		02/06/20 21:56	591-78-6	
Methylene Chloride	ND	ug/m3	6.0	2.1	1.71		02/06/20 21:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.1	0.89	1.71		02/06/20 21:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.3	1.1	1.71		02/06/20 21:56	1634-04-4	
Naphthalene	ND	ug/m3	4.5	2.2	1.71		02/06/20 21:56	91-20-3	
2-Propanol	**12.0**	ug/m3	4.3	1.2	1.71		02/06/20 21:56	67-63-0	
Propylene	ND	ug/m3	0.60	0.24	1.71		02/06/20 21:56	115-07-1	
Styrene	ND	ug/m3	1.5	0.59	1.71		02/06/20 21:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.12	0.096	1.71		02/06/20 21:56	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-13 A:012720 **Lab ID: 10506915009** Collected: 01/27/20 21:33 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Tetrachloroethene	ND	ug/m3	0.12	0.10	1.71		02/05/20 20:46	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.0	0.45	1.71		02/06/20 21:56	109-99-9	
Toluene	**18.6**	ug/m3	1.3	0.60	1.71		02/06/20 21:56	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	12.9	6.4	1.71		02/06/20 21:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.095	0.062	1.71		02/06/20 21:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.095	0.063	1.71		02/06/20 21:56	79-00-5	
Trichloroethene	ND	ug/m3	0.093	0.084	1.71		02/06/20 21:56	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.9	0.63	1.71		02/06/20 21:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.7	0.96	1.71		02/06/20 21:56	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.7	0.77	1.71		02/06/20 21:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.7	0.68	1.71		02/06/20 21:56	108-67-8	
Vinyl acetate	ND	ug/m3	1.2	0.46	1.71		02/06/20 21:56	108-05-4	
Vinyl chloride	ND	ug/m3	0.044	0.039	1.71		02/06/20 21:56	75-01-4	
m&p-Xylene	**4.3**	ug/m3	3.0	1.2	1.71		02/06/20 21:56	179601-23-1	
o-Xylene	**2.6**	ug/m3	1.5	0.59	1.71		02/06/20 21:56	95-47-6	

Sample: IA-13 A:012720 Cert 2661 **Lab ID: 10506915010** Collected: 01/27/20 21:33 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
Acetone	ND	ug/m3	2.4	1.2	1		01/18/20 12:27	67-64-1	
Benzene	ND	ug/m3	0.032	0.021	1		01/18/20 12:27	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	1.2	1		01/18/20 12:27	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.050	1		01/18/20 12:27	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		01/18/20 12:27	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.23	1		01/18/20 12:27	74-83-9	
1,3-Butadiene	ND	ug/m3	0.022	0.021	1		01/18/20 12:27	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.37	1		01/18/20 12:27	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.22	1		01/18/20 12:27	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.064	0.042	1		01/18/20 12:27	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.28	1		01/18/20 12:27	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.26	1		01/18/20 12:27	75-00-3	
Chloroform	ND	ug/m3	0.050	0.029	1		01/18/20 12:27	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.16	1		01/18/20 12:27	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.35	1		01/18/20 12:27	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.72	1		01/18/20 12:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.071	1		01/18/20 12:27	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.50	1		01/18/20 12:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.58	1		01/18/20 12:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	1.0	1		01/18/20 12:27	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.29	1		01/18/20 12:27	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.041	0.024	1		01/18/20 12:27	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.041	0.023	1		01/18/20 12:27	107-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-13 A:012720 Cert 2661 **Lab ID: 10506915010** Collected: 01/27/20 21:33 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
1,1-Dichloroethene	ND	ug/m3	0.040	0.035	1		01/18/20 12:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.040	0.027	1		01/18/20 12:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.040	0.037	1		01/18/20 12:27	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.029	1		01/18/20 12:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.046	0.036	1		01/18/20 12:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.046	0.041	1		01/18/20 12:27	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.44	1		01/18/20 12:27	76-14-2	
Ethanol	ND	ug/m3	1.9	0.81	1		01/18/20 12:27	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.19	1		01/18/20 12:27	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.30	1		01/18/20 12:27	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.57	1		01/18/20 12:27	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.38	1		01/18/20 12:27	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	2.0	1		01/18/20 12:27	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.31	1		01/18/20 12:27	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.74	1		01/18/20 12:27	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	1.2	1		01/18/20 12:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.52	1		01/18/20 12:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.66	1		01/18/20 12:27	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.3	1		01/18/20 12:27	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.70	1		01/18/20 12:27	67-63-0	
Propylene	ND	ug/m3	0.35	0.14	1		01/18/20 12:27	115-07-1	
Styrene	ND	ug/m3	0.87	0.34	1		01/18/20 12:27	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.070	0.056	1		01/18/20 12:27	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.059	1		01/18/20 12:27	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.26	1		01/18/20 12:27	109-99-9	
Toluene	ND	ug/m3	0.77	0.35	1		01/18/20 12:27	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.7	1		01/18/20 12:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.056	0.036	1		01/18/20 12:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.037	1		01/18/20 12:27	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.049	1		01/18/20 12:27	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.37	1		01/18/20 12:27	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.56	1		01/18/20 12:27	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.45	1		01/18/20 12:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.40	1		01/18/20 12:27	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.27	1		01/18/20 12:27	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.023	1		01/18/20 12:27	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.70	1		01/18/20 12:27	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.34	1		01/18/20 12:27	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-16 A:012720 **Lab ID: 10506915011** Collected: 01/27/20 21:20 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Acetone	**36.0**	ug/m3	3.6	1.8	1.49		02/06/20 21:26	67-64-1	
Benzene	**0.50**	ug/m3	0.048	0.031	1.49		02/06/20 21:26	71-43-2	
Benzyl chloride	ND	ug/m3	3.9	1.8	1.49		02/06/20 21:26	100-44-7	
Bromodichloromethane	ND	ug/m3	0.10	0.074	1.49		02/06/20 21:26	75-27-4	
Bromoform	ND	ug/m3	7.8	2.1	1.49		02/06/20 21:26	75-25-2	
Bromomethane	ND	ug/m3	1.2	0.34	1.49		02/06/20 21:26	74-83-9	
1,3-Butadiene	ND	ug/m3	0.034	0.031	1.49		02/06/20 21:26	106-99-0	
2-Butanone (MEK)	ND	ug/m3	4.5	0.55	1.49		02/06/20 21:26	78-93-3	
Carbon disulfide	ND	ug/m3	0.94	0.33	1.49		02/06/20 21:26	75-15-0	
Carbon tetrachloride	**0.56**	ug/m3	0.095	0.063	1.49		02/06/20 21:26	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	0.41	1.49		02/06/20 21:26	108-90-7	
Chloroethane	ND	ug/m3	0.80	0.39	1.49		02/06/20 21:26	75-00-3	
Chloroform	**0.44**	ug/m3	0.074	0.043	1.49		02/06/20 21:26	67-66-3	
Chloromethane	**1.2**	ug/m3	0.63	0.23	1.49		02/06/20 21:26	74-87-3	
Cyclohexane	ND	ug/m3	2.6	0.53	1.49		02/06/20 21:26	110-82-7	
Dibromochloromethane	ND	ug/m3	2.6	1.1	1.49		02/06/20 21:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.12	0.11	1.49		02/06/20 21:26	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	0.74	1.49		02/06/20 21:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	0.87	1.49		02/06/20 21:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.6	1.5	1.49		02/06/20 21:26	106-46-7	
Dichlorodifluoromethane	**2.9**	ug/m3	1.5	0.44	1.49		02/06/20 21:26	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.061	0.036	1.49		02/06/20 21:26	75-34-3	
1,2-Dichloroethane	**0.096**	ug/m3	0.061	0.034	1.49		02/06/20 21:26	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.060	0.052	1.49		02/06/20 21:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.060	0.040	1.49		02/06/20 21:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.060	0.055	1.49		02/06/20 21:26	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.070	0.043	1.49		02/06/20 21:26	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.069	0.054	1.49		02/06/20 21:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.069	0.061	1.49		02/06/20 21:26	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.1	0.65	1.49		02/06/20 21:26	76-14-2	
Ethanol	**545**	ug/m3	2.9	1.2	1.49		02/06/20 21:26	64-17-5	E
Ethyl acetate	ND	ug/m3	1.1	0.28	1.49		02/06/20 21:26	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	0.45	1.49		02/06/20 21:26	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.7	0.85	1.49		02/06/20 21:26	622-96-8	
n-Heptane	ND	ug/m3	1.2	0.57	1.49		02/06/20 21:26	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	8.1	2.9	1.49		02/06/20 21:26	87-68-3	
n-Hexane	**1.1**	ug/m3	1.1	0.46	1.49		02/06/20 21:26	110-54-3	
2-Hexanone	ND	ug/m3	6.2	1.1	1.49		02/06/20 21:26	591-78-6	
Methylene Chloride	ND	ug/m3	5.3	1.8	1.49		02/06/20 21:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.2	0.77	1.49		02/06/20 21:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.5	0.99	1.49		02/06/20 21:26	1634-04-4	
Naphthalene	ND	ug/m3	4.0	2.0	1.49		02/06/20 21:26	91-20-3	
2-Propanol	**5.7**	ug/m3	3.7	1.0	1.49		02/06/20 21:26	67-63-0	
Propylene	ND	ug/m3	0.52	0.21	1.49		02/06/20 21:26	115-07-1	
Styrene	ND	ug/m3	1.3	0.51	1.49		02/06/20 21:26	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.10	0.083	1.49		02/06/20 21:26	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-16 A:012720 **Lab ID: 10506915011** Collected: 01/27/20 21:20 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Tetrachloroethene	**0.20**	ug/m3	0.10	0.088	1.49		02/05/20 21:25	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.89	0.39	1.49		02/06/20 21:26	109-99-9	
Toluene	**2.1**	ug/m3	1.1	0.52	1.49		02/06/20 21:26	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	11.2	5.5	1.49		02/06/20 21:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.083	0.054	1.49		02/06/20 21:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.083	0.055	1.49		02/06/20 21:26	79-00-5	
Trichloroethene	ND	ug/m3	0.081	0.073	1.49		02/06/20 21:26	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.7	0.55	1.49		02/06/20 21:26	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	0.84	1.49		02/06/20 21:26	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.5	0.67	1.49		02/06/20 21:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	0.59	1.49		02/06/20 21:26	108-67-8	
Vinyl acetate	ND	ug/m3	1.1	0.40	1.49		02/06/20 21:26	108-05-4	
Vinyl chloride	ND	ug/m3	0.039	0.034	1.49		02/06/20 21:26	75-01-4	
m&p-Xylene	ND	ug/m3	2.6	1.0	1.49		02/06/20 21:26	179601-23-1	
o-Xylene	ND	ug/m3	1.3	0.51	1.49		02/06/20 21:26	95-47-6	

Sample: IA-16 A:012720 Cert 3204 **Lab ID: 10506915012** Collected: 01/27/20 21:20 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
Acetone	ND	ug/m3	2.4	1.2	1		01/16/20 18:24	67-64-1	
Benzene	ND	ug/m3	0.032	0.021	1		01/16/20 18:24	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	1.2	1		01/16/20 18:24	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.050	1		01/16/20 18:24	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		01/16/20 18:24	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.23	1		01/16/20 18:24	74-83-9	
1,3-Butadiene	ND	ug/m3	0.022	0.021	1		01/16/20 18:24	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.37	1		01/16/20 18:24	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.22	1		01/16/20 18:24	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.064	0.042	1		01/16/20 18:24	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.28	1		01/16/20 18:24	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.26	1		01/16/20 18:24	75-00-3	
Chloroform	ND	ug/m3	0.050	0.029	1		01/16/20 18:24	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.16	1		01/16/20 18:24	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.35	1		01/16/20 18:24	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.72	1		01/16/20 18:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.071	1		01/16/20 18:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.50	1		01/16/20 18:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.58	1		01/16/20 18:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	1.0	1		01/16/20 18:24	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.29	1		01/16/20 18:24	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.041	0.024	1		01/16/20 18:24	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.041	0.023	1		01/16/20 18:24	107-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-16 A:012720 Cert 3204 **Lab ID: 10506915012** Collected: 01/27/20 21:20 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
1,1-Dichloroethene	ND	ug/m3	0.040	0.035	1		01/16/20 18:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.040	0.027	1		01/16/20 18:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.040	0.037	1		01/16/20 18:24	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.029	1		01/16/20 18:24	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.046	0.036	1		01/16/20 18:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.046	0.041	1		01/16/20 18:24	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.44	1		01/16/20 18:24	76-14-2	
Ethanol	ND	ug/m3	1.9	0.81	1		01/16/20 18:24	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.19	1		01/16/20 18:24	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.30	1		01/16/20 18:24	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.57	1		01/16/20 18:24	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.38	1		01/16/20 18:24	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	2.0	1		01/16/20 18:24	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.31	1		01/16/20 18:24	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.74	1		01/16/20 18:24	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	1.2	1		01/16/20 18:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.52	1		01/16/20 18:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.66	1		01/16/20 18:24	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.3	1		01/16/20 18:24	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.70	1		01/16/20 18:24	67-63-0	
Propylene	ND	ug/m3	0.35	0.14	1		01/16/20 18:24	115-07-1	
Styrene	ND	ug/m3	0.87	0.34	1		01/16/20 18:24	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.070	0.056	1		01/16/20 18:24	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.059	1		01/16/20 18:24	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.26	1		01/16/20 18:24	109-99-9	
Toluene	ND	ug/m3	0.77	0.35	1		01/16/20 18:24	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.7	1		01/16/20 18:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.056	0.036	1		01/16/20 18:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.037	1		01/16/20 18:24	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.049	1		01/16/20 18:24	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.37	1		01/16/20 18:24	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.56	1		01/16/20 18:24	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.45	1		01/16/20 18:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.40	1		01/16/20 18:24	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.27	1		01/16/20 18:24	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.023	1		01/16/20 18:24	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.70	1		01/16/20 18:24	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.34	1		01/16/20 18:24	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-17 A:012720 **Lab ID: 10506915013** Collected: 01/27/20 21:19 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Acetone	**35.0**	ug/m3	5.5	2.8	2.3		02/06/20 22:26	67-64-1	
Benzene	**0.54**	ug/m3	0.075	0.048	2.3		02/06/20 22:26	71-43-2	
Benzyl chloride	ND	ug/m3	6.0	2.8	2.3		02/06/20 22:26	100-44-7	
Bromodichloromethane	ND	ug/m3	0.16	0.12	2.3		02/06/20 22:26	75-27-4	
Bromoform	ND	ug/m3	12.1	3.3	2.3		02/06/20 22:26	75-25-2	
Bromomethane	ND	ug/m3	1.8	0.52	2.3		02/06/20 22:26	74-83-9	
1,3-Butadiene	ND	ug/m3	0.052	0.048	2.3		02/06/20 22:26	106-99-0	
2-Butanone (MEK)	ND	ug/m3	6.9	0.85	2.3		02/06/20 22:26	78-93-3	
Carbon disulfide	ND	ug/m3	1.5	0.50	2.3		02/06/20 22:26	75-15-0	
Carbon tetrachloride	**0.25**	ug/m3	0.15	0.097	2.3		02/06/20 22:26	56-23-5	
Chlorobenzene	ND	ug/m3	2.2	0.63	2.3		02/06/20 22:26	108-90-7	
Chloroethane	ND	ug/m3	1.2	0.60	2.3		02/06/20 22:26	75-00-3	
Chloroform	**0.49**	ug/m3	0.11	0.067	2.3		02/06/20 22:26	67-66-3	
Chloromethane	**1.2**	ug/m3	0.97	0.36	2.3		02/06/20 22:26	74-87-3	
Cyclohexane	ND	ug/m3	4.0	0.81	2.3		02/06/20 22:26	110-82-7	
Dibromochloromethane	ND	ug/m3	4.0	1.7	2.3		02/06/20 22:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.18	0.16	2.3		02/06/20 22:26	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.8	1.1	2.3		02/06/20 22:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.8	1.3	2.3		02/06/20 22:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	7.0	2.3	2.3		02/06/20 22:26	106-46-7	
Dichlorodifluoromethane	**2.9**	ug/m3	2.3	0.67	2.3		02/06/20 22:26	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.095	0.055	2.3		02/06/20 22:26	75-34-3	
1,2-Dichloroethane	**0.10**	ug/m3	0.095	0.053	2.3		02/06/20 22:26	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.093	0.080	2.3		02/06/20 22:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.093	0.062	2.3		02/06/20 22:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.093	0.085	2.3		02/06/20 22:26	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.11	0.067	2.3		02/06/20 22:26	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.11	0.083	2.3		02/06/20 22:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.11	0.094	2.3		02/06/20 22:26	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	3.3	1.0	2.3		02/06/20 22:26	76-14-2	
Ethanol	**797**	ug/m3	4.4	1.9	2.3		02/06/20 22:26	64-17-5	E
Ethyl acetate	ND	ug/m3	1.7	0.44	2.3		02/06/20 22:26	141-78-6	
Ethylbenzene	ND	ug/m3	2.0	0.70	2.3		02/06/20 22:26	100-41-4	
4-Ethyltoluene	ND	ug/m3	5.8	1.3	2.3		02/06/20 22:26	622-96-8	
n-Heptane	ND	ug/m3	1.9	0.87	2.3		02/06/20 22:26	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	12.5	4.5	2.3		02/06/20 22:26	87-68-3	
n-Hexane	**2.0**	ug/m3	1.6	0.72	2.3		02/06/20 22:26	110-54-3	
2-Hexanone	ND	ug/m3	9.6	1.7	2.3		02/06/20 22:26	591-78-6	
Methylene Chloride	**11.1**	ug/m3	8.1	2.8	2.3		02/06/20 22:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	9.6	1.2	2.3		02/06/20 22:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	8.4	1.5	2.3		02/06/20 22:26	1634-04-4	
Naphthalene	ND	ug/m3	6.1	3.0	2.3		02/06/20 22:26	91-20-3	
2-Propanol	ND	ug/m3	5.8	1.6	2.3		02/06/20 22:26	67-63-0	
Propylene	ND	ug/m3	0.80	0.32	2.3		02/06/20 22:26	115-07-1	
Styrene	ND	ug/m3	2.0	0.79	2.3		02/06/20 22:26	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.16	0.13	2.3		02/06/20 22:26	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-17 A:012720 **Lab ID: 10506915013** Collected: 01/27/20 21:19 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Tetrachloroethene	ND	ug/m3	0.16	0.14	2.3		02/05/20 22:04	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.4	0.60	2.3		02/06/20 22:26	109-99-9	
Toluene	**2.4**	ug/m3	1.8	0.81	2.3		02/06/20 22:26	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	17.3	8.6	2.3		02/06/20 22:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.13	0.083	2.3		02/06/20 22:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.13	0.085	2.3		02/06/20 22:26	79-00-5	
Trichloroethene	ND	ug/m3	0.13	0.11	2.3		02/06/20 22:26	79-01-6	
Trichlorofluoromethane	ND	ug/m3	2.6	0.84	2.3		02/06/20 22:26	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	3.6	1.3	2.3		02/06/20 22:26	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	2.3	1.0	2.3		02/06/20 22:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	2.3	0.92	2.3		02/06/20 22:26	108-67-8	
Vinyl acetate	ND	ug/m3	1.6	0.62	2.3		02/06/20 22:26	108-05-4	
Vinyl chloride	ND	ug/m3	0.060	0.053	2.3		02/06/20 22:26	75-01-4	
m&p-Xylene	ND	ug/m3	4.1	1.6	2.3		02/06/20 22:26	179601-23-1	
o-Xylene	ND	ug/m3	2.0	0.79	2.3		02/06/20 22:26	95-47-6	

Sample: IA-17 A:012720 Cert 2336 **Lab ID: 10506915014** Collected: 01/27/20 21:19 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
Acetone	ND	ug/m3	2.4	1.2	1		01/19/20 20:11	67-64-1	
Benzene	ND	ug/m3	0.032	0.021	1		01/19/20 20:11	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	1.2	1		01/19/20 20:11	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.050	1		01/19/20 20:11	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		01/19/20 20:11	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.23	1		01/19/20 20:11	74-83-9	
1,3-Butadiene	ND	ug/m3	0.022	0.021	1		01/19/20 20:11	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.37	1		01/19/20 20:11	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.22	1		01/19/20 20:11	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.064	0.042	1		01/19/20 20:11	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.28	1		01/19/20 20:11	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.26	1		01/19/20 20:11	75-00-3	
Chloroform	ND	ug/m3	0.050	0.029	1		01/19/20 20:11	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.16	1		01/19/20 20:11	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.35	1		01/19/20 20:11	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.72	1		01/19/20 20:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.071	1		01/19/20 20:11	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.50	1		01/19/20 20:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.58	1		01/19/20 20:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	1.0	1		01/19/20 20:11	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.29	1		01/19/20 20:11	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.041	0.024	1		01/19/20 20:11	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.041	0.023	1		01/19/20 20:11	107-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: IA-17 A:012720 Cert 2336 **Lab ID: 10506915014** Collected: 01/27/20 21:19 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
1,1-Dichloroethene	ND	ug/m3	0.040	0.035	1		01/19/20 20:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.040	0.027	1		01/19/20 20:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.040	0.037	1		01/19/20 20:11	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.029	1		01/19/20 20:11	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.046	0.036	1		01/19/20 20:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.046	0.041	1		01/19/20 20:11	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.44	1		01/19/20 20:11	76-14-2	
Ethanol	ND	ug/m3	1.9	0.81	1		01/19/20 20:11	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.19	1		01/19/20 20:11	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.30	1		01/19/20 20:11	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.57	1		01/19/20 20:11	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.38	1		01/19/20 20:11	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	2.0	1		01/19/20 20:11	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.31	1		01/19/20 20:11	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.74	1		01/19/20 20:11	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	1.2	1		01/19/20 20:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.52	1		01/19/20 20:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.66	1		01/19/20 20:11	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.3	1		01/19/20 20:11	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.70	1		01/19/20 20:11	67-63-0	
Propylene	ND	ug/m3	0.35	0.14	1		01/19/20 20:11	115-07-1	
Styrene	ND	ug/m3	0.87	0.34	1		01/19/20 20:11	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.070	0.056	1		01/19/20 20:11	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.059	1		01/19/20 20:11	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.26	1		01/19/20 20:11	109-99-9	
Toluene	ND	ug/m3	0.77	0.35	1		01/19/20 20:11	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.7	1		01/19/20 20:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.056	0.036	1		01/19/20 20:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.037	1		01/19/20 20:11	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.049	1		01/19/20 20:11	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.37	1		01/19/20 20:11	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.56	1		01/19/20 20:11	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.45	1		01/19/20 20:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.40	1		01/19/20 20:11	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.27	1		01/19/20 20:11	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.023	1		01/19/20 20:11	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.70	1		01/19/20 20:11	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.34	1		01/19/20 20:11	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: Duplicate IA A:012720 **Lab ID: 10506915015** Collected: 01/27/20 21:21 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Acetone	**84.0**	ug/m3	3.7	1.9	1.55		02/06/20 22:56	67-64-1	
Benzene	**0.60**	ug/m3	0.050	0.033	1.55		02/06/20 22:56	71-43-2	
Benzyl chloride	ND	ug/m3	4.1	1.9	1.55		02/06/20 22:56	100-44-7	
Bromodichloromethane	ND	ug/m3	0.11	0.078	1.55		02/06/20 22:56	75-27-4	
Bromoform	ND	ug/m3	8.1	2.2	1.55		02/06/20 22:56	75-25-2	
Bromomethane	ND	ug/m3	1.2	0.35	1.55		02/06/20 22:56	74-83-9	
1,3-Butadiene	ND	ug/m3	0.035	0.033	1.55		02/06/20 22:56	106-99-0	
2-Butanone (MEK)	ND	ug/m3	4.6	0.57	1.55		02/06/20 22:56	78-93-3	
Carbon disulfide	ND	ug/m3	0.98	0.34	1.55		02/06/20 22:56	75-15-0	
Carbon tetrachloride	**0.48**	ug/m3	0.099	0.065	1.55		02/06/20 22:56	56-23-5	
Chlorobenzene	ND	ug/m3	1.5	0.43	1.55		02/06/20 22:56	108-90-7	
Chloroethane	ND	ug/m3	0.83	0.40	1.55		02/06/20 22:56	75-00-3	
Chloroform	**0.46**	ug/m3	0.077	0.045	1.55		02/06/20 22:56	67-66-3	
Chloromethane	**1.7**	ug/m3	0.65	0.24	1.55		02/06/20 22:56	74-87-3	
Cyclohexane	ND	ug/m3	2.7	0.55	1.55		02/06/20 22:56	110-82-7	
Dibromochloromethane	ND	ug/m3	2.7	1.1	1.55		02/06/20 22:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.12	0.11	1.55		02/06/20 22:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.9	0.77	1.55		02/06/20 22:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.9	0.90	1.55		02/06/20 22:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.7	1.6	1.55		02/06/20 22:56	106-46-7	
Dichlorodifluoromethane	**2.8**	ug/m3	1.6	0.45	1.55		02/06/20 22:56	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.064	0.037	1.55		02/06/20 22:56	75-34-3	
1,2-Dichloroethane	**0.10**	ug/m3	0.064	0.036	1.55		02/06/20 22:56	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.062	0.054	1.55		02/06/20 22:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.062	0.042	1.55		02/06/20 22:56	156-59-2	
trans-1,2-Dichloroethene	**0.11**	ug/m3	0.062	0.057	1.55		02/06/20 22:56	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.073	0.045	1.55		02/06/20 22:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.071	0.056	1.55		02/06/20 22:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.071	0.064	1.55		02/06/20 22:56	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.2	0.68	1.55		02/06/20 22:56	76-14-2	
Ethanol	**481**	ug/m3	3.0	1.3	1.55		02/06/20 22:56	64-17-5	E
Ethyl acetate	**4.3**	ug/m3	1.1	0.29	1.55		02/06/20 22:56	141-78-6	
Ethylbenzene	ND	ug/m3	1.4	0.47	1.55		02/06/20 22:56	100-41-4	
4-Ethyltoluene	ND	ug/m3	3.9	0.88	1.55		02/06/20 22:56	622-96-8	
n-Heptane	**1.9**	ug/m3	1.3	0.59	1.55		02/06/20 22:56	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	8.4	3.1	1.55		02/06/20 22:56	87-68-3	
n-Hexane	**1.5**	ug/m3	1.1	0.48	1.55		02/06/20 22:56	110-54-3	
2-Hexanone	ND	ug/m3	6.4	1.2	1.55		02/06/20 22:56	591-78-6	
Methylene Chloride	**5.6**	ug/m3	5.5	1.9	1.55		02/06/20 22:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.4	0.80	1.55		02/06/20 22:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.7	1.0	1.55		02/06/20 22:56	1634-04-4	
Naphthalene	**5.3**	ug/m3	4.1	2.0	1.55		02/06/20 22:56	91-20-3	
2-Propanol	**6.8**	ug/m3	3.9	1.1	1.55		02/06/20 22:56	67-63-0	
Propylene	ND	ug/m3	0.54	0.22	1.55		02/06/20 22:56	115-07-1	
Styrene	ND	ug/m3	1.3	0.53	1.55		02/06/20 22:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.11	0.087	1.55		02/06/20 22:56	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: Duplicate IA A:012720 **Lab ID: 10506915015** Collected: 01/27/20 21:21 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Tetrachloroethene	**0.91**	ug/m3	0.11	0.091	1.55		02/06/20 22:56	127-18-4	
Tetrahydrofuran	**0.96**	ug/m3	0.93	0.40	1.55		02/06/20 22:56	109-99-9	
Toluene	**4.3**	ug/m3	1.2	0.54	1.55		02/06/20 22:56	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	11.7	5.8	1.55		02/06/20 22:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.086	0.056	1.55		02/06/20 22:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.086	0.057	1.55		02/06/20 22:56	79-00-5	
Trichloroethene	ND	ug/m3	0.085	0.076	1.55		02/06/20 22:56	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.8	0.57	1.55		02/06/20 22:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.4	0.87	1.55		02/06/20 22:56	76-13-1	
1,2,4-Trimethylbenzene	**2.8**	ug/m3	1.5	0.70	1.55		02/06/20 22:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	0.62	1.55		02/06/20 22:56	108-67-8	
Vinyl acetate	ND	ug/m3	1.1	0.42	1.55		02/06/20 22:56	108-05-4	
Vinyl chloride	ND	ug/m3	0.040	0.036	1.55		02/06/20 22:56	75-01-4	
m&p-Xylene	ND	ug/m3	2.7	1.1	1.55		02/06/20 22:56	179601-23-1	
o-Xylene	ND	ug/m3	1.4	0.53	1.55		02/06/20 22:56	95-47-6	

Sample: Duplicate IA A:012720 Cert1672 **Lab ID: 10506915016** Collected: 01/27/20 21:21 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
Acetone	ND	ug/m3	2.4	1.2	1		01/17/20 11:29	67-64-1	
Benzene	ND	ug/m3	0.032	0.021	1		01/17/20 11:29	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	1.2	1		01/17/20 11:29	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.050	1		01/17/20 11:29	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		01/17/20 11:29	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.23	1		01/17/20 11:29	74-83-9	
1,3-Butadiene	ND	ug/m3	0.022	0.021	1		01/17/20 11:29	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.37	1		01/17/20 11:29	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.22	1		01/17/20 11:29	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.064	0.042	1		01/17/20 11:29	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.28	1		01/17/20 11:29	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.26	1		01/17/20 11:29	75-00-3	
Chloroform	ND	ug/m3	0.050	0.029	1		01/17/20 11:29	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.16	1		01/17/20 11:29	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.35	1		01/17/20 11:29	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.72	1		01/17/20 11:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.071	1		01/17/20 11:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.50	1		01/17/20 11:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.58	1		01/17/20 11:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	1.0	1		01/17/20 11:29	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.29	1		01/17/20 11:29	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.041	0.024	1		01/17/20 11:29	75-34-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: Duplicate IA A:012720 Cert1672 **Lab ID: 10506915016** Collected: 01/27/20 21:21 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
1,2-Dichloroethane	ND	ug/m3	0.041	0.023	1		01/17/20 11:29	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.040	0.035	1		01/17/20 11:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.040	0.027	1		01/17/20 11:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.040	0.037	1		01/17/20 11:29	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.029	1		01/17/20 11:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.046	0.036	1		01/17/20 11:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.046	0.041	1		01/17/20 11:29	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.44	1		01/17/20 11:29	76-14-2	
Ethanol	ND	ug/m3	1.9	0.81	1		01/17/20 11:29	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.19	1		01/17/20 11:29	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.30	1		01/17/20 11:29	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.57	1		01/17/20 11:29	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.38	1		01/17/20 11:29	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	2.0	1		01/17/20 11:29	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.31	1		01/17/20 11:29	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.74	1		01/17/20 11:29	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	1.2	1		01/17/20 11:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.52	1		01/17/20 11:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.66	1		01/17/20 11:29	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.3	1		01/17/20 11:29	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.70	1		01/17/20 11:29	67-63-0	
Propylene	ND	ug/m3	0.35	0.14	1		01/17/20 11:29	115-07-1	
Styrene	ND	ug/m3	0.87	0.34	1		01/17/20 11:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.070	0.056	1		01/17/20 11:29	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.059	1		01/17/20 11:29	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.26	1		01/17/20 11:29	109-99-9	
Toluene	ND	ug/m3	0.77	0.35	1		01/17/20 11:29	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.7	1		01/17/20 11:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.056	0.036	1		01/17/20 11:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.037	1		01/17/20 11:29	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.049	1		01/17/20 11:29	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.37	1		01/17/20 11:29	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.56	1		01/17/20 11:29	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.45	1		01/17/20 11:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.40	1		01/17/20 11:29	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.27	1		01/17/20 11:29	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.023	1		01/17/20 11:29	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.70	1		01/17/20 11:29	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.34	1		01/17/20 11:29	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: OA 720 A:012720 **Lab ID: 10506915017** Collected: 01/27/20 17:55 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Acetone	**18.9**	ug/m3	3.8	1.9	1.58		02/05/20 23:23	67-64-1	
Benzene	**2.0**	ug/m3	0.051	0.033	1.58		02/05/20 23:23	71-43-2	
Benzyl chloride	ND	ug/m3	4.2	1.9	1.58		02/05/20 23:23	100-44-7	
Bromodichloromethane	ND	ug/m3	0.11	0.079	1.58		02/05/20 23:23	75-27-4	
Bromoform	ND	ug/m3	8.3	2.2	1.58		02/05/20 23:23	75-25-2	
Bromomethane	ND	ug/m3	1.2	0.36	1.58		02/05/20 23:23	74-83-9	
1,3-Butadiene	ND	ug/m3	0.036	0.033	1.58		02/05/20 23:23	106-99-0	
2-Butanone (MEK)	ND	ug/m3	4.7	0.58	1.58		02/05/20 23:23	78-93-3	
Carbon disulfide	ND	ug/m3	1.0	0.35	1.58		02/05/20 23:23	75-15-0	
Carbon tetrachloride	**0.74**	ug/m3	0.10	0.066	1.58		02/05/20 23:23	56-23-5	SS
Chlorobenzene	ND	ug/m3	1.5	0.43	1.58		02/05/20 23:23	108-90-7	
Chloroethane	ND	ug/m3	0.85	0.41	1.58		02/05/20 23:23	75-00-3	
Chloroform	**0.43**	ug/m3	0.078	0.046	1.58		02/05/20 23:23	67-66-3	
Chloromethane	**1.1**	ug/m3	0.66	0.25	1.58		02/05/20 23:23	74-87-3	
Cyclohexane	ND	ug/m3	2.8	0.56	1.58		02/05/20 23:23	110-82-7	
Dibromochloromethane	ND	ug/m3	2.7	1.1	1.58		02/05/20 23:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.12	0.11	1.58		02/05/20 23:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.9	0.79	1.58		02/05/20 23:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.9	0.92	1.58		02/05/20 23:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	4.8	1.6	1.58		02/05/20 23:23	106-46-7	
Dichlorodifluoromethane	**2.6**	ug/m3	1.6	0.46	1.58		02/05/20 23:23	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.065	0.038	1.58		02/05/20 23:23	75-34-3	
1,2-Dichloroethane	**0.095**	ug/m3	0.065	0.036	1.58		02/05/20 23:23	107-06-2	
1,1-Dichloroethene	ND	ug/m3	0.064	0.055	1.58		02/05/20 23:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.064	0.043	1.58		02/05/20 23:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.064	0.058	1.58		02/05/20 23:23	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.074	0.046	1.58		02/05/20 23:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.073	0.057	1.58		02/05/20 23:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.073	0.065	1.58		02/05/20 23:23	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.2	0.69	1.58		02/05/20 23:23	76-14-2	
Ethanol	**220**	ug/m3	3.0	1.3	1.58		02/05/20 23:23	64-17-5	
Ethyl acetate	ND	ug/m3	1.2	0.30	1.58		02/05/20 23:23	141-78-6	
Ethylbenzene	**5.4**	ug/m3	1.4	0.48	1.58		02/05/20 23:23	100-41-4	
4-Ethyltoluene	ND	ug/m3	4.0	0.90	1.58		02/05/20 23:23	622-96-8	
n-Heptane	**3.6**	ug/m3	1.3	0.60	1.58		02/05/20 23:23	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	8.6	3.1	1.58		02/05/20 23:23	87-68-3	
n-Hexane	**3.7**	ug/m3	1.1	0.49	1.58		02/05/20 23:23	110-54-3	
2-Hexanone	ND	ug/m3	6.6	1.2	1.58		02/05/20 23:23	591-78-6	
Methylene Chloride	ND	ug/m3	5.6	1.9	1.58		02/05/20 23:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	6.6	0.82	1.58		02/05/20 23:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	5.8	1.0	1.58		02/05/20 23:23	1634-04-4	
Naphthalene	ND	ug/m3	4.2	2.1	1.58		02/05/20 23:23	91-20-3	
2-Propanol	**16.3**	ug/m3	4.0	1.1	1.58		02/05/20 23:23	67-63-0	
Propylene	ND	ug/m3	0.55	0.22	1.58		02/05/20 23:23	115-07-1	
Styrene	ND	ug/m3	1.4	0.54	1.58		02/05/20 23:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.11	0.088	1.58		02/05/20 23:23	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: OA 720 A:012720 **Lab ID: 10506915017** Collected: 01/27/20 17:55 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR SIM SCAN	Analytical Method: TO-15								
Tetrachloroethene	**1.3**	ug/m3	0.11	0.093	1.58		02/05/20 23:23	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.95	0.41	1.58		02/05/20 23:23	109-99-9	
Toluene	**21.4**	ug/m3	1.2	0.55	1.58		02/05/20 23:23	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	11.9	5.9	1.58		02/05/20 23:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.088	0.057	1.58		02/05/20 23:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.088	0.058	1.58		02/05/20 23:23	79-00-5	
Trichloroethene	**0.089**	ug/m3	0.086	0.077	1.58		02/05/20 23:23	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.8	0.58	1.58		02/05/20 23:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.5	0.89	1.58		02/05/20 23:23	76-13-1	
1,2,4-Trimethylbenzene	**7.8**	ug/m3	1.6	0.71	1.58		02/05/20 23:23	95-63-6	
1,3,5-Trimethylbenzene	**2.4**	ug/m3	1.6	0.63	1.58		02/05/20 23:23	108-67-8	
Vinyl acetate	ND	ug/m3	1.1	0.43	1.58		02/05/20 23:23	108-05-4	
Vinyl chloride	ND	ug/m3	0.041	0.036	1.58		02/05/20 23:23	75-01-4	
m&p-Xylene	**21.1**	ug/m3	2.8	1.1	1.58		02/05/20 23:23	179601-23-1	
o-Xylene	**8.9**	ug/m3	1.4	0.54	1.58		02/05/20 23:23	95-47-6	

Sample: OA 720 A:012720 Cert2660 **Lab ID: 10506915018** Collected: 01/27/20 17:55 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
Acetone	ND	ug/m3	2.4	1.2	1		01/18/20 22:36	67-64-1	
Benzene	ND	ug/m3	0.032	0.021	1		01/18/20 22:36	71-43-2	
Benzyl chloride	ND	ug/m3	2.6	1.2	1		01/18/20 22:36	100-44-7	
Bromodichloromethane	ND	ug/m3	0.068	0.050	1		01/18/20 22:36	75-27-4	
Bromoform	ND	ug/m3	5.2	1.4	1		01/18/20 22:36	75-25-2	
Bromomethane	ND	ug/m3	0.79	0.23	1		01/18/20 22:36	74-83-9	
1,3-Butadiene	ND	ug/m3	0.022	0.021	1		01/18/20 22:36	106-99-0	
2-Butanone (MEK)	ND	ug/m3	3.0	0.37	1		01/18/20 22:36	78-93-3	
Carbon disulfide	ND	ug/m3	0.63	0.22	1		01/18/20 22:36	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.064	0.042	1		01/18/20 22:36	56-23-5	
Chlorobenzene	ND	ug/m3	0.94	0.28	1		01/18/20 22:36	108-90-7	
Chloroethane	ND	ug/m3	0.54	0.26	1		01/18/20 22:36	75-00-3	
Chloroform	ND	ug/m3	0.050	0.029	1		01/18/20 22:36	67-66-3	
Chloromethane	ND	ug/m3	0.42	0.16	1		01/18/20 22:36	74-87-3	
Cyclohexane	ND	ug/m3	1.8	0.35	1		01/18/20 22:36	110-82-7	
Dibromochloromethane	ND	ug/m3	1.7	0.72	1		01/18/20 22:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	0.078	0.071	1		01/18/20 22:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.2	0.50	1		01/18/20 22:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.2	0.58	1		01/18/20 22:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.1	1.0	1		01/18/20 22:36	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	1.0	0.29	1		01/18/20 22:36	75-71-8	
1,1-Dichloroethane	ND	ug/m3	0.041	0.024	1		01/18/20 22:36	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.041	0.023	1		01/18/20 22:36	107-06-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Sample: OA 720 A:012720 Cert2660 **Lab ID: 10506915018** Collected: 01/27/20 17:55 Received: 01/30/20 11:30 Matrix: Air

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Individual SimScan Cert	Analytical Method: TO-15								
1,1-Dichloroethene	ND	ug/m3	0.040	0.035	1		01/18/20 22:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	0.040	0.027	1		01/18/20 22:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	0.040	0.037	1		01/18/20 22:36	156-60-5	
1,2-Dichloropropane	ND	ug/m3	0.047	0.029	1		01/18/20 22:36	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	0.046	0.036	1		01/18/20 22:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	0.046	0.041	1		01/18/20 22:36	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.4	0.44	1		01/18/20 22:36	76-14-2	
Ethanol	ND	ug/m3	1.9	0.81	1		01/18/20 22:36	64-17-5	
Ethyl acetate	ND	ug/m3	0.73	0.19	1		01/18/20 22:36	141-78-6	
Ethylbenzene	ND	ug/m3	0.88	0.30	1		01/18/20 22:36	100-41-4	
4-Ethyltoluene	ND	ug/m3	2.5	0.57	1		01/18/20 22:36	622-96-8	
n-Heptane	ND	ug/m3	0.83	0.38	1		01/18/20 22:36	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	5.4	2.0	1		01/18/20 22:36	87-68-3	
n-Hexane	ND	ug/m3	0.72	0.31	1		01/18/20 22:36	110-54-3	
2-Hexanone	ND	ug/m3	4.2	0.74	1		01/18/20 22:36	591-78-6	
Methylene Chloride	ND	ug/m3	3.5	1.2	1		01/18/20 22:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	4.2	0.52	1		01/18/20 22:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	3.7	0.66	1		01/18/20 22:36	1634-04-4	
Naphthalene	ND	ug/m3	2.7	1.3	1		01/18/20 22:36	91-20-3	
2-Propanol	ND	ug/m3	2.5	0.70	1		01/18/20 22:36	67-63-0	
Propylene	ND	ug/m3	0.35	0.14	1		01/18/20 22:36	115-07-1	
Styrene	ND	ug/m3	0.87	0.34	1		01/18/20 22:36	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.070	0.056	1		01/18/20 22:36	79-34-5	
Tetrachloroethene	ND	ug/m3	0.069	0.059	1		01/18/20 22:36	127-18-4	
Tetrahydrofuran	ND	ug/m3	0.60	0.26	1		01/18/20 22:36	109-99-9	
Toluene	ND	ug/m3	0.77	0.35	1		01/18/20 22:36	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.5	3.7	1		01/18/20 22:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	0.056	0.036	1		01/18/20 22:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.056	0.037	1		01/18/20 22:36	79-00-5	
Trichloroethene	ND	ug/m3	0.055	0.049	1		01/18/20 22:36	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.1	0.37	1		01/18/20 22:36	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	1.6	0.56	1		01/18/20 22:36	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.0	0.45	1		01/18/20 22:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.0	0.40	1		01/18/20 22:36	108-67-8	
Vinyl acetate	ND	ug/m3	0.72	0.27	1		01/18/20 22:36	108-05-4	
Vinyl chloride	ND	ug/m3	0.026	0.023	1		01/18/20 22:36	75-01-4	
m&p-Xylene	ND	ug/m3	1.8	0.70	1		01/18/20 22:36	179601-23-1	
o-Xylene	ND	ug/m3	0.88	0.34	1		01/18/20 22:36	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

QC Batch: 658485 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR SIM SCAN
Associated Lab Samples: 10506915001, 10506915005, 10506915007, 10506915017

METHOD BLANK: 3534889 Matrix: Air
Associated Lab Samples: 10506915001, 10506915005, 10506915007, 10506915017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.056	0.036	02/05/20 12:23	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.070	0.056	02/05/20 12:23	
1,1,2-Trichloroethane	ug/m3	ND	0.056	0.037	02/05/20 12:23	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	0.56	02/05/20 12:23	
1,1-Dichloroethane	ug/m3	ND	0.041	0.024	02/05/20 12:23	
1,1-Dichloroethene	ug/m3	ND	0.040	0.035	02/05/20 12:23	
1,2,4-Trichlorobenzene	ug/m3	ND	7.5	3.7	02/05/20 12:23	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	0.45	02/05/20 12:23	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.078	0.071	02/05/20 12:23	
1,2-Dichlorobenzene	ug/m3	ND	1.2	0.50	02/05/20 12:23	
1,2-Dichloroethane	ug/m3	ND	0.041	0.023	02/05/20 12:23	
1,2-Dichloropropane	ug/m3	ND	0.047	0.029	02/05/20 12:23	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	0.40	02/05/20 12:23	
1,3-Butadiene	ug/m3	ND	0.022	0.021	02/05/20 12:23	
1,3-Dichlorobenzene	ug/m3	ND	1.2	0.58	02/05/20 12:23	
1,4-Dichlorobenzene	ug/m3	ND	3.1	1.0	02/05/20 12:23	
2-Butanone (MEK)	ug/m3	ND	3.0	0.37	02/05/20 12:23	
2-Hexanone	ug/m3	ND	4.2	0.74	02/05/20 12:23	
2-Propanol	ug/m3	ND	2.5	0.70	02/05/20 12:23	
4-Ethyltoluene	ug/m3	ND	2.5	0.57	02/05/20 12:23	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	4.2	0.52	02/05/20 12:23	
Acetone	ug/m3	ND	2.4	1.2	02/05/20 12:23	
Benzene	ug/m3	ND	0.032	0.021	02/05/20 12:23	
Benzyl chloride	ug/m3	ND	2.6	1.2	02/05/20 12:23	
Bromodichloromethane	ug/m3	ND	0.068	0.050	02/05/20 12:23	
Bromoform	ug/m3	ND	5.2	1.4	02/05/20 12:23	
Bromomethane	ug/m3	ND	0.79	0.23	02/05/20 12:23	
Carbon disulfide	ug/m3	ND	0.63	0.22	02/05/20 12:23	
Carbon tetrachloride	ug/m3	ND	0.064	0.042	02/05/20 12:23	
Chlorobenzene	ug/m3	ND	0.94	0.28	02/05/20 12:23	
Chloroethane	ug/m3	ND	0.54	0.26	02/05/20 12:23	
Chloroform	ug/m3	ND	0.050	0.029	02/05/20 12:23	
Chloromethane	ug/m3	ND	0.42	0.16	02/05/20 12:23	
cis-1,2-Dichloroethene	ug/m3	ND	0.040	0.027	02/05/20 12:23	
cis-1,3-Dichloropropene	ug/m3	ND	0.046	0.036	02/05/20 12:23	
Cyclohexane	ug/m3	ND	1.8	0.35	02/05/20 12:23	
Dibromochloromethane	ug/m3	ND	1.7	0.72	02/05/20 12:23	
Dichlorodifluoromethane	ug/m3	ND	1.0	0.29	02/05/20 12:23	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	0.44	02/05/20 12:23	
Ethanol	ug/m3	ND	1.9	0.81	02/05/20 12:23	
Ethyl acetate	ug/m3	ND	0.73	0.19	02/05/20 12:23	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

METHOD BLANK: 3534889 Matrix: Air
Associated Lab Samples: 10506915001, 10506915005, 10506915007, 10506915017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/m3	ND	0.88	0.30	02/05/20 12:23	
Hexachloro-1,3-butadiene	ug/m3	ND	5.4	2.0	02/05/20 12:23	
m&p-Xylene	ug/m3	ND	1.8	0.70	02/05/20 12:23	
Methyl-tert-butyl ether	ug/m3	ND	3.7	0.66	02/05/20 12:23	
Methylene Chloride	ug/m3	ND	3.5	1.2	02/05/20 12:23	
n-Heptane	ug/m3	ND	0.83	0.38	02/05/20 12:23	
n-Hexane	ug/m3	ND	0.72	0.31	02/05/20 12:23	
Naphthalene	ug/m3	ND	2.7	1.3	02/05/20 12:23	
o-Xylene	ug/m3	ND	0.88	0.34	02/05/20 12:23	
Propylene	ug/m3	ND	0.35	0.14	02/05/20 12:23	
Styrene	ug/m3	ND	0.87	0.34	02/05/20 12:23	
Tetrachloroethene	ug/m3	ND	0.069	0.059	02/05/20 12:23	
Tetrahydrofuran	ug/m3	ND	0.60	0.26	02/05/20 12:23	
Toluene	ug/m3	ND	0.77	0.35	02/05/20 12:23	
trans-1,2-Dichloroethene	ug/m3	ND	0.040	0.037	02/05/20 12:23	
trans-1,3-Dichloropropene	ug/m3	ND	0.046	0.041	02/05/20 12:23	
Trichloroethene	ug/m3	ND	0.055	0.049	02/05/20 12:23	
Trichlorofluoromethane	ug/m3	ND	1.1	0.37	02/05/20 12:23	
Vinyl acetate	ug/m3	ND	0.72	0.27	02/05/20 12:23	
Vinyl chloride	ug/m3	ND	0.026	0.023	02/05/20 12:23	

LABORATORY CONTROL SAMPLE: 3534890

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	0.57	0.57	100	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	0.72	0.80	112	70-132	
1,1,2-Trichloroethane	ug/m3	0.57	0.64	111	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	79.8	102	70-130	
1,1-Dichloroethane	ug/m3	0.43	0.43	101	70-130	
1,1-Dichloroethene	ug/m3	0.41	0.42	102	69-137	
1,2,4-Trichlorobenzene	ug/m3	75.4	74.3	99	70-130	
1,2,4-Trimethylbenzene	ug/m3	50	58.8	118	70-137	
1,2-Dibromoethane (EDB)	ug/m3	0.8	0.90	112	70-138	
1,2-Dichlorobenzene	ug/m3	61.1	63.4	104	70-136	
1,2-Dichloroethane	ug/m3	0.42	0.46	108	70-130	
1,2-Dichloropropane	ug/m3	0.49	0.49	100	70-132	
1,3,5-Trimethylbenzene	ug/m3	50	57.3	115	70-136	
1,3-Butadiene	ug/m3	0.23	0.24	102	67-139	
1,3-Dichlorobenzene	ug/m3	61.1	62.9	103	70-138	
1,4-Dichlorobenzene	ug/m3	61.1	62.6	103	70-145	
2-Butanone (MEK)	ug/m3	30	27.6	92	61-130	
2-Hexanone	ug/m3	41.6	50.1	120	70-138	
2-Propanol	ug/m3	125	150	120	70-136	
4-Ethyltoluene	ug/m3	50	61.0	122	70-142	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

LABORATORY CONTROL SAMPLE: 3534890

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	41.6	47.9	115	70-134	
Acetone	ug/m3	121	145	120	59-137	
Benzene	ug/m3	0.34	0.34	100	70-133	
Benzyl chloride	ug/m3	52.6	49.7	94	70-139	
Bromodichloromethane	ug/m3	0.72	0.76	106	70-130	
Bromoform	ug/m3	105	87.2	83	60-140	
Bromomethane	ug/m3	39.5	38.0	96	70-131	
Carbon disulfide	ug/m3	31.6	34.2	108	70-130	
Carbon tetrachloride	ug/m3	0.66	0.63	95	70-133	SS
Chlorobenzene	ug/m3	46.8	49.8	106	70-131	
Chloroethane	ug/m3	26.8	27.0	101	70-141	
Chloroform	ug/m3	0.51	0.52	102	70-130	
Chloromethane	ug/m3	21	21.5	102	64-137	
cis-1,2-Dichloroethene	ug/m3	0.42	0.42	101	70-132	
cis-1,3-Dichloropropene	ug/m3	0.48	0.51	107	70-138	
Cyclohexane	ug/m3	35	37.2	106	70-133	
Dibromochloromethane	ug/m3	86.6	101	117	70-139	
Dichlorodifluoromethane	ug/m3	50.3	50.0	99	70-130	
Dichlorotetrafluoroethane	ug/m3	71	67.9	96	65-133	
Ethanol	ug/m3	95.8	99.0	103	65-135	
Ethyl acetate	ug/m3	36.6	40.5	111	70-135	
Ethylbenzene	ug/m3	44.1	48.3	109	70-142	
Hexachloro-1,3-butadiene	ug/m3	108	129	119	70-134	
m&p-Xylene	ug/m3	88.3	96.8	110	70-141	
Methyl-tert-butyl ether	ug/m3	36.6	37.1	101	70-131	
Methylene Chloride	ug/m3	177	179	101	69-130	
n-Heptane	ug/m3	41.7	42.0	101	70-130	
n-Hexane	ug/m3	35.8	37.7	105	70-131	
Naphthalene	ug/m3	53.3	52.6	99	63-130	
o-Xylene	ug/m3	44.1	48.0	109	70-135	
Propylene	ug/m3	17.5	17.8	102	63-139	
Styrene	ug/m3	43.3	52.6	121	70-143	
Tetrachloroethene	ug/m3	0.71	0.80	113	70-136	
Tetrahydrofuran	ug/m3	30	33.3	111	70-137	
Toluene	ug/m3	38.3	38.9	102	70-136	
trans-1,2-Dichloroethene	ug/m3	0.42	0.42	101	70-132	
trans-1,3-Dichloropropene	ug/m3	0.48	0.52	108	70-139	
Trichloroethene	ug/m3	0.56	0.57	101	70-132	
Trichlorofluoromethane	ug/m3	57.1	56.5	99	65-136	
Vinyl acetate	ug/m3	35.8	39.2	109	66-140	
Vinyl chloride	ug/m3	0.27	0.28	103	68-141	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

SAMPLE DUPLICATE: 3535652

Parameter	Units	10506929007 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	.041J		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	7.2	7.2	0	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	0.097	0.096	1	25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	2.4	2.3	5	25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	2.2	2.2	1	25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	1.1J		25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	17.9	17.5	2	25	
4-Ethyltoluene	ug/m3	ND	2.5J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	20.5	18.9	8	25	
Benzene	ug/m3	2.5	2.4	3	25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	
Carbon disulfide	ug/m3	ND	ND		25	
Carbon tetrachloride	ug/m3	0.69	0.68	2	25	SS
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	0.50	0.49	2	25	
Chloromethane	ug/m3	1.2	1.2	1	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	3.4	3.3	4	25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	2.6	2.5	7	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	281	274	3	25	
Ethyl acetate	ug/m3	ND	ND		25	
Ethylbenzene	ug/m3	5.4	5.2	4	25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	20.7	19.8	4	25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	ND		25	
n-Heptane	ug/m3	3.7	3.4	8	25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

SAMPLE DUPLICATE: 3535652

Parameter	Units	10506929007 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	4.3	4.0	7	25	
Naphthalene	ug/m3	ND	2.3J		25	
o-Xylene	ug/m3	8.3	8.2	2	25	
Propylene	ug/m3	1.3	1.2	10	25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	1.3	1.3	2	25	
Tetrahydrofuran	ug/m3	ND	.72J		25	
Toluene	ug/m3	22.9	21.6	6	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	0.087	0.086	1	25	
Trichlorofluoromethane	ug/m3	ND	1.2J		25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	0.042	0.041	4	25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

QC Batch: 658706 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR SIM SCAN
Associated Lab Samples: 10506915003, 10506915009, 10506915011, 10506915013, 10506915015

METHOD BLANK: 3535795 Matrix: Air
Associated Lab Samples: 10506915003, 10506915009, 10506915011, 10506915013, 10506915015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.056	0.036	02/06/20 11:28	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.070	0.056	02/06/20 11:28	
1,1,2-Trichloroethane	ug/m3	ND	0.056	0.037	02/06/20 11:28	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	0.56	02/06/20 11:28	
1,1-Dichloroethane	ug/m3	ND	0.041	0.024	02/06/20 11:28	
1,1-Dichloroethene	ug/m3	ND	0.040	0.035	02/06/20 11:28	
1,2,4-Trichlorobenzene	ug/m3	ND	7.5	3.7	02/06/20 11:28	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	0.45	02/06/20 11:28	
1,2-Dibromoethane (EDB)	ug/m3	ND	0.078	0.071	02/06/20 11:28	
1,2-Dichlorobenzene	ug/m3	ND	1.2	0.50	02/06/20 11:28	
1,2-Dichloroethane	ug/m3	ND	0.041	0.023	02/06/20 11:28	
1,2-Dichloropropane	ug/m3	ND	0.047	0.029	02/06/20 11:28	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	0.40	02/06/20 11:28	
1,3-Butadiene	ug/m3	ND	0.022	0.021	02/06/20 11:28	
1,3-Dichlorobenzene	ug/m3	ND	1.2	0.58	02/06/20 11:28	
1,4-Dichlorobenzene	ug/m3	ND	3.1	1.0	02/06/20 11:28	
2-Butanone (MEK)	ug/m3	ND	3.0	0.37	02/06/20 11:28	
2-Hexanone	ug/m3	ND	4.2	0.74	02/06/20 11:28	
2-Propanol	ug/m3	ND	2.5	0.70	02/06/20 11:28	
4-Ethyltoluene	ug/m3	ND	2.5	0.57	02/06/20 11:28	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	4.2	0.52	02/06/20 11:28	
Acetone	ug/m3	ND	2.4	1.2	02/06/20 11:28	
Benzene	ug/m3	ND	0.032	0.021	02/06/20 11:28	
Benzyl chloride	ug/m3	ND	2.6	1.2	02/06/20 11:28	
Bromodichloromethane	ug/m3	ND	0.068	0.050	02/06/20 11:28	
Bromoform	ug/m3	ND	5.2	1.4	02/06/20 11:28	
Bromomethane	ug/m3	ND	0.79	0.23	02/06/20 11:28	
Carbon disulfide	ug/m3	ND	0.63	0.22	02/06/20 11:28	
Carbon tetrachloride	ug/m3	ND	0.064	0.042	02/06/20 11:28	
Chlorobenzene	ug/m3	ND	0.94	0.28	02/06/20 11:28	
Chloroethane	ug/m3	ND	0.54	0.26	02/06/20 11:28	
Chloroform	ug/m3	ND	0.050	0.029	02/06/20 11:28	
Chloromethane	ug/m3	ND	0.42	0.16	02/06/20 11:28	
cis-1,2-Dichloroethene	ug/m3	ND	0.040	0.027	02/06/20 11:28	
cis-1,3-Dichloropropene	ug/m3	ND	0.046	0.036	02/06/20 11:28	
Cyclohexane	ug/m3	ND	1.8	0.35	02/06/20 11:28	
Dibromochloromethane	ug/m3	ND	1.7	0.72	02/06/20 11:28	
Dichlorodifluoromethane	ug/m3	ND	1.0	0.29	02/06/20 11:28	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	0.44	02/06/20 11:28	
Ethanol	ug/m3	ND	1.9	0.81	02/06/20 11:28	
Ethyl acetate	ug/m3	ND	0.73	0.19	02/06/20 11:28	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

METHOD BLANK: 3535795 Matrix: Air
Associated Lab Samples: 10506915003, 10506915009, 10506915011, 10506915013, 10506915015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/m3	ND	0.88	0.30	02/06/20 11:28	
Hexachloro-1,3-butadiene	ug/m3	ND	5.4	2.0	02/06/20 11:28	
m&p-Xylene	ug/m3	ND	1.8	0.70	02/06/20 11:28	
Methyl-tert-butyl ether	ug/m3	ND	3.7	0.66	02/06/20 11:28	
Methylene Chloride	ug/m3	ND	3.5	1.2	02/06/20 11:28	
n-Heptane	ug/m3	ND	0.83	0.38	02/06/20 11:28	
n-Hexane	ug/m3	ND	0.72	0.31	02/06/20 11:28	
Naphthalene	ug/m3	ND	2.7	1.3	02/06/20 11:28	
o-Xylene	ug/m3	ND	0.88	0.34	02/06/20 11:28	
Propylene	ug/m3	ND	0.35	0.14	02/06/20 11:28	
Styrene	ug/m3	ND	0.87	0.34	02/06/20 11:28	
Tetrachloroethene	ug/m3	ND	0.069	0.059	02/06/20 11:28	
Tetrahydrofuran	ug/m3	ND	0.60	0.26	02/06/20 11:28	
Toluene	ug/m3	ND	0.77	0.35	02/06/20 11:28	
trans-1,2-Dichloroethene	ug/m3	ND	0.040	0.037	02/06/20 11:28	
trans-1,3-Dichloropropene	ug/m3	ND	0.046	0.041	02/06/20 11:28	
Trichloroethene	ug/m3	ND	0.055	0.049	02/06/20 11:28	
Trichlorofluoromethane	ug/m3	ND	1.1	0.37	02/06/20 11:28	
Vinyl acetate	ug/m3	ND	0.72	0.27	02/06/20 11:28	
Vinyl chloride	ug/m3	ND	0.026	0.023	02/06/20 11:28	

LABORATORY CONTROL SAMPLE: 3535796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	0.55	0.58	104	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	0.7	0.69	98	70-132	
1,1,2-Trichloroethane	ug/m3	0.55	0.58	105	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	89.7	112	70-130	
1,1-Dichloroethane	ug/m3	0.41	0.42	102	70-130	
1,1-Dichloroethene	ug/m3	0.4	0.43	106	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	159	102	70-130	
1,2,4-Trimethylbenzene	ug/m3	51.5	62.0	120	70-137	
1,2-Dibromoethane (EDB)	ug/m3	0.78	0.77	99	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	73.7	117	70-136	
1,2-Dichloroethane	ug/m3	0.41	0.45	109	70-130	
1,2-Dichloropropane	ug/m3	0.47	0.49	104	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	61.6	119	70-136	
1,3-Butadiene	ug/m3	0.22	0.23	100	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	77.0	121	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	77.1	122	70-145	
2-Butanone (MEK)	ug/m3	31.4	32.2	102	61-130	
2-Hexanone	ug/m3	42.8	50.3	118	70-138	
2-Propanol	ug/m3	119	150	126	70-136	
4-Ethyltoluene	ug/m3	52.4	63.2	121	70-142	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

LABORATORY CONTROL SAMPLE: 3535796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	52.7	121	70-134	
Acetone	ug/m3	126	124	98	59-137	
Benzene	ug/m3	0.32	0.33	103	70-133	
Benzyl chloride	ug/m3	55.1	54.7	99	70-139	
Bromodichloromethane	ug/m3	0.68	0.70	103	70-130	
Bromoform	ug/m3	110	119	108	60-140	
Bromomethane	ug/m3	41.3	36.9	89	70-131	
Carbon disulfide	ug/m3	33.3	42.9	129	70-130	
Carbon tetrachloride	ug/m3	0.64	0.65	102	70-133	
Chlorobenzene	ug/m3	48.3	51.9	108	70-131	
Chloroethane	ug/m3	28.1	29.8	106	70-141	
Chloroform	ug/m3	0.5	0.53	106	70-130	
Chloromethane	ug/m3	21.9	24.0	110	64-137	
cis-1,2-Dichloroethene	ug/m3	0.4	0.40	100	70-132	
cis-1,3-Dichloropropene	ug/m3	0.46	0.44	95	70-138	
Cyclohexane	ug/m3	36.7	42.6	116	70-133	
Dibromochloromethane	ug/m3	90.7	109	121	70-139	
Dichlorodifluoromethane	ug/m3	51.6	55.2	107	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	78.7	108	65-133	
Ethanol	ug/m3	103	126	123	65-135	
Ethyl acetate	ug/m3	38.6	44.2	115	70-135	
Ethylbenzene	ug/m3	45.6	52.3	115	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	128	114	70-134	
m&p-Xylene	ug/m3	91.2	107	117	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	41.7	109	70-131	
Methylene Chloride	ug/m3	182	210	115	69-130	
n-Heptane	ug/m3	43.6	48.8	112	70-130	
n-Hexane	ug/m3	37.6	39.8	106	70-131	
Naphthalene	ug/m3	57.7	60.3	104	63-130	
o-Xylene	ug/m3	45.5	53.2	117	70-135	
Propylene	ug/m3	18.2	18.0	99	63-139	
Styrene	ug/m3	44.9	53.2	118	70-143	
Tetrachloroethene	ug/m3	0.69	0.69	100	70-136	
Tetrahydrofuran	ug/m3	31.5	37.7	120	70-137	
Toluene	ug/m3	39.5	43.9	111	70-136	
trans-1,2-Dichloroethene	ug/m3	0.4	0.39	98	70-132	
trans-1,3-Dichloropropene	ug/m3	0.46	0.43	94	70-139	
Trichloroethene	ug/m3	0.55	0.54	99	70-132	
Trichlorofluoromethane	ug/m3	59.7	66.4	111	65-136	
Vinyl acetate	ug/m3	34.5	37.5	109	66-140	
Vinyl chloride	ug/m3	0.26	0.27	102	68-141	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

SAMPLE DUPLICATE: 3536604

Parameter	Units	10506908003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	10.7	10.5	2	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	.18J		25	
1,2-Dichloropropane	ug/m3	0.33	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	3.6J		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	15J		25	
2-Hexanone	ug/m3	ND	ND		25	
2-Propanol	ug/m3	ND	9.6J		25	
4-Ethyltoluene	ug/m3	ND	4.1J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	37.2	44.5	18	25	
Benzene	ug/m3	2.6	2.7	1	25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	1.5	1.5	1	25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	
Carbon disulfide	ug/m3	41.8	32.9	24	25	
Carbon tetrachloride	ug/m3	1.9	1.8	7	25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	82.6	83.3	1	25	
Chloromethane	ug/m3	ND	1.1J		25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	ND	9.6J		25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	ND	3.4J		25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	102	118	14	25	
Ethyl acetate	ug/m3	19.7	20.0	2	25	
Ethylbenzene	ug/m3	15.6	15.4	1	25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	59.6	59.6	0	25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	114	125	9	25	
n-Heptane	ug/m3	13.2	12.7	3	25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

SAMPLE DUPLICATE: 3536604

Parameter	Units	10506908003 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	18.0	18.2	1	25	
Naphthalene	ug/m3	ND	9.5J		25	
o-Xylene	ug/m3	16.5	16.5	0	25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	18.2	18.1	1	25	
Tetrachloroethene	ug/m3	742	732	1	25	
Tetrahydrofuran	ug/m3	ND	ND		25	
Toluene	ug/m3	320	321	0	25	
trans-1,2-Dichloroethene	ug/m3	0.40	0.38	3	25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	3.8	3.8	1	25	
Trichlorofluoromethane	ug/m3	ND	ND		25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

SAMPLE DUPLICATE: 3536605

Parameter	Units	10507466001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2,4-Trichlorobenzene	ug/m3	ND	ND		25	
1,2,4-Trimethylbenzene	ug/m3	ND	ND		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		25	
1,2-Dichlorobenzene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	0.11	0.12	2	25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		25	
1,3-Butadiene	ug/m3	ND	ND		25	
1,3-Dichlorobenzene	ug/m3	ND	ND		25	
1,4-Dichlorobenzene	ug/m3	ND	ND		25	
2-Butanone (MEK)	ug/m3	ND	.78J		25	
2-Hexanone	ug/m3	ND	1.6J		25	
2-Propanol	ug/m3	7.2	7.6	6	25	
4-Ethyltoluene	ug/m3	ND	ND		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	ND		25	
Acetone	ug/m3	18.8	19.5	4	25	
Benzene	ug/m3	0.42	0.43	3	25	
Benzyl chloride	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Bromoform	ug/m3	ND	ND		25	
Bromomethane	ug/m3	ND	ND		25	

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QUALITY CONTROL DATA

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

SAMPLE DUPLICATE: 3536605

Parameter	Units	10507466001 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	ND	ND		25	
Carbon tetrachloride	ug/m3	0.92	0.97	6	25	
Chlorobenzene	ug/m3	ND	ND		25	
Chloroethane	ug/m3	ND	ND		25	
Chloroform	ug/m3	0.11	0.11	1	25	
Chloromethane	ug/m3	1.2	1.2	2	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Cyclohexane	ug/m3	ND	ND		25	
Dibromochloromethane	ug/m3	ND	ND		25	
Dichlorodifluoromethane	ug/m3	2.8	2.9	2	25	
Dichlorotetrafluoroethane	ug/m3	ND	ND		25	
Ethanol	ug/m3	33.8	38.4	13	25	
Ethyl acetate	ug/m3	ND	1J		25	
Ethylbenzene	ug/m3	ND	ND		25	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	ND	ND		25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Methylene Chloride	ug/m3	ND	3.8J		25	
n-Heptane	ug/m3	ND	1.1J		25	
n-Hexane	ug/m3	ND	ND		25	
Naphthalene	ug/m3	ND	2.2J		25	
o-Xylene	ug/m3	ND	ND		25	
Propylene	ug/m3	ND	ND		25	
Styrene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	0.21	0.11	61	25	R1
Tetrahydrofuran	ug/m3	ND	ND		25	
Toluene	ug/m3	ND	.68J		25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	0.27	0.27	2	25	
Trichlorofluoromethane	ug/m3	ND	1.5J		25	
Vinyl acetate	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

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REPORT OF LABORATORY ANALYSIS

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Minneapolis, MN 55414
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QUALIFIERS

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
R1	RPD value was outside control limits.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 720 E3 25th St. WAKS 2510C
Pace Project No.: 10506915

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10506915001	**IA-1 A:012720**	TO-15	658485		
10506915003	**IA-2 A:012720**	TO-15	658706		
10506915005	**IA-3 A:012720**	TO-15	658485		
10506915007	**IA-12 A:012720**	TO-15	658485		
10506915009	**IA-13 A:012720**	TO-15	658706		
10506915011	**IA-16 A:012720**	TO-15	658706		
10506915013	**IA-17 A:012720**	TO-15	658706		
10506915015	**Duplicate IA A:012720**	TO-15	658706		
10506915017	**OA 720 A:012720**	TO-15	658485		
10506915002	**IA-1 A:012720 Cert 1568**	TO-15	658663		
10506915004	**IA-2 A:012720 Cert 0819**	TO-15	658663		
10506915006	**IA-3 A:012720 Cert 2712**	TO-15	658663		
10506915008	**IA-12 A:012720 Cert 2657**	TO-15	658663		
10506915010	**IA-13 A:012720 Cert 2661**	TO-15	658663		
10506915012	**IA-16 A:012720 Cert 3204**	TO-15	658663		
10506915014	**IA-17 A:012720 Cert 2336**	TO-15	658663		
10506915016	**Duplicate IA A:012720 Cert1672**	TO-15	658663		
10506915018	**OA 720 A:012720 Cert2660**	TO-15	658663		

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUST

The Chain-of-Custody is a LEGAL DOCUMENT

WO# : 10506915

10506915

43576

Page: 1 of 1

Section A Required Client Information:

Company:	The ELAM Group
Address:	161 Lakeview Dr. Noblesville, IN 46060
Email To:	chris.slatter@ekmusa.com
Phone:	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	C. Slatter
Copy To:	R. Stone
Purchase Order No.:	
Project Name:	WAKS 2510C
Project Number:	720 E. 25th St.

Section C Invoice Information:

Attention:	Accounts Payable
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager/Sales Rep.	
Pace Profile #:	37539

Program: ☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other

Location of Sampling by State: N/A

Reporting Units: ug/m³ X mg/m³ PPBV PPMV Other

Report Level: II. III. IV. X Other

'Section D Required Client Information

AIR SAMPLE ID

Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE - END/GRAB DATE	COMPOSITE - END/GRAB TIME	Canister Pressure (Initial Field - In Hg)	Canister Pressure (Final Field - In Hg)	Summa Can Number	Flow Control Number	Method: PM10	3C - Fixed Gas (%)	TO-3 BTEX	TO-3M (Methane)	TO-14	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated	TO-15 Short List (other)	Pace Lab ID
1	IA-1 A:012720	6LC		1/27/20	0912	1/27/20	1652	30.0	5.5	1568	32547					X					001,002
2	IA-2 A:012720				1352		2124	30.0	5.0	0819	18893										003,004
3	IA-3 A:012720				1400		2125	30.0	10.0	2712	00015										005,006
4	IA-12 A:012720				0840		1636	30.0	5.0	2657	04055										007,008
5	IA-13 A:012720				1421		2133	28.0	6.0	2661	18699										009,010
6	IA-16 A:012720				1324		2120	30.0	4.0	3204	14002										011,012
7	IA-17 A:012720				1320		2119	30.5	15.0	2336	07664										013,014
8	Duplicate IA A:012720	"		"	1325	"	2121	30.0	5.0	1672	18055										015,016
9	OA 720 A:012720	"		"	0955	"	1755	30.0	5.0	2660	10208										017,018
10																					
11																					
12																					

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Radlie Stone / ELAM	1/28/20	0832	PACE	1/30/20	1130

SAMPLE CONDITIONS

—	Y/N	Y/N	Y/N	
	Y/N	Y/N	Y/N	
	Y/N	Y/N	Y/N	
	Y/N	Y/N	Y/N	
Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Radlie Stone

SIGNATURE of SAMPLER: Radlie Stone DATE Signed (MM / DD / YY): 1/27/20

ORIGINAL

Pace Analytical®	Document Name: Air Sample Condition Upon Receipt	Document Revised: 19Nov2019 Page 1 of 1
	Document No.: F-MN-A-106-rev.20	Pace Analytical Services - Minneapolis

Air Sample Condition Upon Receipt

Client Name: THE ELAM GROUP

Project #: WO#: 10506915

PM: CT1 Due Date: 02/06/20

CLIENT: ELAM Group

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial See Exception ☒

Tracking Number:

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Tin Can ☐ Other: **Temp Blank rec:** ☐ Yes ☒ No

Temp. (TO17 and TO13 samples only) (°C): X **Corrected Temp (°C):** X **Thermometer Used:** ☐ G87A9170600254 ☐ G87A9155100842

Temp should be above freezing to 6°C **Correction Factor:** X **Date & Initials of Person Examining Contents:** 1/30/20 CMY

Type of ice Received ☐ Blue ☐ Wet ☒ None

			Comments:
Chain of Custody Present?	☒ Yes	☐ No	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No ☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	7.
Sufficient Volume?	☒ Yes	☐ No	8.
Correct Containers Used? **(Tedlar bags not acceptable container for TO-14, TO-15 or APH)** -Pace Containers Used?	☒ Yes ☒ Yes	☐ No ☐ No	9.
Containers Intact? **(visual inspection/no leaks when pressurized)**	☒ Yes	☐ No	10.
Media: (Air Can) Airbag Filter TDT Passive			11. Individually Certified Cans (Y) N (list which samples)
Is sufficient information available to reconcile samples to the COC?	☒ Yes	☐ No	1A-1 FCH IS WRONG ON THE COC. 12.
Do cans need to be pressurized? **(DO NOT PRESSURIZE 3C or ASTM 1946!!!)**	☒ Yes	☐ No	13.

Gauge # ☒ 10AIR26 ☐ 10AIR34 ☐ 10AIR35 ☐ 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
1A-1	1568	0258	-4	+5	OA	2660	1020	-4.5	+5
1A-2	0819	1893	-5	+5	UNUSED	3569	1269	-29	
1A-3	2712	0015	-7	+5	UNUSED	3585	0279	-29	
1A-12	2657	0405	-4	+5	UNUSED	2342	1800	-28.5	
1A-13	2661	1869	-6.5	+5	UNUSED	2064	1276	-28	
1A-16	3204	1402	-3	+5	UNUSED	2386	1756	-29	
1A-17	2336	0764	-12.5	+5					
Dup	1672	1805	-4	+5					

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Nathan Boberg **Date:** 1/30/20

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical	Document Name: SCUR Exception Form – Coolers Above 6°C	Document Revised: 08Apr2019 Page 1 of 1
	Document No.: F-MN-C-298-Rev.02	Issuing Authority: Pace Minnesota Quality Office

During sample triage, this form is to be placed in each cooler that arrives above 6.0 degrees Celsius

SCUR Exceptions: **Workorder #:**

Out of Temp Sample IDs	Container Type	# of Containers

PM Notified? ☐Yes ☐No

If yes, indicate who was contacted/date/time.
If no, indicate reason why.

Multiple Cooler Project? ☐Yes ☐No
If you answered yes, fill out information to the left.

No Temp Blank

Read Temp	Corrected Temp	Average Temp

Tracking Number/Temperature	
1083 0284 2117	
" 2091	
" 2080	
" 2106	
" 2128	
" 2139	

Other Issues

Issue Type: Sample ID	Container Type	# of Containers

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preserv.	pH Upon Receipt	Date Adjusted	Time Adjusted	Amount Added (mL)	Lot # Added	pH After	In Compliance after addition?	Initials
								☐Yes ☐No	
								☐Yes ☐No	
								☐Yes ☐No	
								☐Yes ☐No	