ENVIRONMENT
& HEALTH

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Ref. 1690023383

SUB SLAB VAPOR RESULTS
BETA-BECHER ACQUISITION CO, LLC HISTORIC FILL SITE
147 EAST BECHER STREET
MILWAUKEE, WISCONSIN
BRRTS 02-41-589088

Dear Ms. Pfeiffer:

Ramboll received the sub-slab vapor analytical results from the sampling of five vapor points in Building 9 that was completed on June 16, 2022. This transmittal is in accordance with the sample results notification required under Wisconsin Administrative Code Chapter NR 716.14(2). The laboratory analytical results are summarized in **Table 1**, the vapor pin locations are illustrated in **Figure 1**, and the laboratory report is provided as **Attachment A**. A discussion of these results will be included in a forthcoming report.

Please let us know if you have any questions or if you would like us to upload a copy of this submittal to the WDNR document portal.

Sincerely yours,

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c: Nick Orthmann, Bear Development, LLC

Attachments:
Table 1 - VOCs, PAHs, Metals, and PCBs in Groundwater
Figure 1 – Site Layout
Attachment A – Laboratory Analytical Report

Table

TABLE 1
VOCs in Soil Vapor
Filer Stowell Property
147 East Becher Street, Milwaukee, Wisconsin
Ramboll Project 1690023383

Analyte	Residential AF = 0.03				Small Commercial AF = 0.03				USEPA RSL[1]	VP-1	VP-2	VP-3	VP-4	VP-5
	Carcinogenic Target Risk		Noncancer Hazard Index		Carcinogenic Target Risk		Noncancer Hazard Index							
	Indoor Air VAL (1 E -5)	Sub-Slab Vapor VRSL (33.3 x)	Indoor Air VAL (HI = 1)	Sub-Slab Vapor VRSL (33.3 x)	Indoor Air VAL (1 E -5)	Sub-Slab Vapor VRSL (33.3 x)	Indoor Air VAL (HI = 1)	Sub-Slab Vapor VRSL (33.3 x)		9/27/2021	9/27/2021	9/27/2021	9/27/2021	9/27/2021
VOCs														
1,1,1-Trichloroethane	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	2.3	0.53 J	1.1 J	404	45
1,1,2,2-Tetrachloroethane	0.48	**16**	--	--	2.1	**70**	--	--	c	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1.8	60	0.21	**7**	7.7	260	0.88	**29**	nc	NA	NA	NA	NA	NA
1,1-Dichloroethane	18	**590**	--	--	77	**2,600**	--	--	c	NA	NA	NA	NA	NA
1,1-Dichloroethene	--	--	210	**7,000**	--	--	880	**29,000**	nc	<0.24	<0.24	<0.25	0.35 J	<0.26
1,1,2-Trichlorotrifluoroethane	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	1.0 J	1.3 J	0.80 J	1.1 J	1.6 J
1,2,4-Trichlorobenzene	--	--	2.1	**70**	--	--	8.8	**290**	nc	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	--	--	63	**2,100**	--	--	260	**8,700**	nc	14.7	4.2	16.3	19.3	5
1,2-Dibromoethane (EDB)	0.047	**1.6**	9.4	310	0.2	**6.7**	39	1,300	c	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	--	--	210	**7,000**	--	--	880	**29,000**	nc	1.8 J	<0.72	<0.74	<0.74	<0.76
1,2-Dichloroethane	1.1	**36**	7.3	240	4.7	**160**	31	1,000	c	NA	NA	NA	NA	NA
1,2-Dichloropropane	7.6	250	4.2	**140**	33	1,100	18	**600**	nc	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	--	--	63	**2,100**	--	--	260	**8,700**	nc	7	1.6 J	1.7 J	7	2
1,3-Butadiene	0.94	**31**	2.1	70	4.1	**140**	8.8	290	c	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	1.8 J	2.0 J	2.0 J	2.0 J	2.5 J
1,4-Dichlorobenzene	2.6	**87**	830	28,000	11	**370**	3,500	120,000	c	1.9 J	1.8 J	<1.6	1.9 J	2.0 J
2-Butanone (MEK)	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	4.1 J	4.0 J	66.7	3.9 J	13.7
2-Hexanone	--	--	31	**1,000**	--	--	130	**4,300**	nc	2.3 J	2.4 J	6.0 J	2.1 J	5.9 J
2-Propanol	--	--	210	**7,000**	--	--	880	**29,000**	nc	8.6	7.8	89.7	5.3	60.9
4-Ethyltoluene	--	--	--	--	--	--	--	--	--	5.1	1.8 J	3.6 J	6.1	1.9 J
4-Methyl-2-pentanone (MIBK)	--	--	3,100	**100,000**	--	--	13,000	**430,000**	nc	1.6 J	1.2 J	3.6 J	<0.59	3.4 J
Acetone	--	--	32,000	**1,100,000**	--	--	140,000	**4,700,000**	nc	33.8	41	2,490	45	109
Benzene	3.6	**120**	31	1,000	16	**520**	130	4,300	c	0.94	0.42 J	0.48 J	2	0.40 J
Benzyl chloride	0.57	**19**	1	33	2.5	**83**	4.4	150	c	NA	NA	NA	NA	NA
Bromodichloromethane	0.76	**25**	--	--	3.3	**110**	--	--	c	NA	NA	NA	NA	NA
Bromoform	26	**870**	--	--	110	**3,700**	--	--	c	NA	NA	NA	NA	NA
Bromomethane	--	--	5.2	**170**	--	--	22	**730**	nc	<0.27	<0.27	0.29 J	<0.27	<0.28
Carbon disulfide	--	--	730	**24,000**	--	--	3,100	**100,000**	nc	20.6	<0.23	2,770	22	0.30 J
Carbon tetrachloride	4.7	**160**	100	3,300	20	**680**	440	15,000	c	<0.50	<0.50	<0.51	0.67 J	<0.52
Chlorobenzene	--	--	52	1,700	--	--	220	7,300	nc	NA	NA	NA	NA	NA
Chloroethane	--	--	4200	140,000	--	--	18000	600,000	nc	NA	NA	NA	NA	NA
Chloroform	1.2	**40**	100	3,300	5.3	**180**	430	14,000	c	0.91	<0.32	<0.33	1	<0.34
Chloromethane	--	--	94	**3,100**	--	--	390	**13,000**	nc	0.89	0.86	0.39 J	0.47 J	0.33 J
cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	<0.35	<0.35	<0.36	<0.36	<0.36
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	NA	NA	NA	NA	NA
Cyclohexane	--	--	6,300	**210,000**	--	--	26,000	**870,000**	nc	1.3 J	14.1	6.1	3.9	5.7
Dibromochloromethane	--	--	--	--	--	--	--	--	--	NA	NA	NA	NA	NA
Dichlorodifluoromethane	--	--	100	**3,300**	--	--	440	**15,000**	nc	2.3	3	3	3	1.2 J
Dichlorotetrafluoroethane	--	--	--	--	--	--	--	--	--	NA	NA	NA	NA	NA
Ethanol	--	--	--	--	--	--	--	--	--	71	354	575	269	513
Ethyl acetate	--	--	73	**2,400**	--	--	310	**10,000**	nc	0.57 J	2	<0.24	0.88 J	3
Ethylbenzene	11	**370**	1,000	33,000	49	**1,600**	4,400	150,000	c	1.8	1.5 J	2.6	2.3	1.4 J
Hexachloro-1,3-butadiene	1.3	**43**	--	--	5.6	**190**	--	--	c	<2.2	<2.2	<2.3	<2.3	<2.3
m&p-Xylene	--	--	100	**3,500**	--	--	440	**15,000**	nc	25.5	7	10	33	7
Methylene Chloride	1,000	33,000	630	**21,000**	12,000	400,000	2,600	**88,000**	nc	1.3 J	<1.0	<1.1	1.5 J	<1.1
Methyl-tert-butyl ether	110	**3,700**	3,100	100,000	470	**16,000**	13,000	430,000	c	<0.22	<0.22	<0.23	<0.23	2.6 J
Naphthalene	0.83	**28**	3.1	100	3.6	**120**	13	430	c	6.1	<3.8	5.3	4.2 J	8
n-Heptane	--	--	420	**14,000**	--	--	1,800	**60,000**	nc	<0.32	<0.32	<0.33	2	<0.34
n-Hexane	--	--	730	**24,000**	--	--	3,100	**100,000**	nc	<0.34	<0.34	2	<0.35	<0.36
o-Xylene	--	--	100	**3,500**	--	--	440	**15,000**	nc	9.2	2.7	2.8	11.3	2.6
Propylene	--	--	3,100	**100,000**	--	--	13,000	**430,000**	nc	<0.23	0.48 J	10	<0.24	<0.24
Styrene	--	--	1,000	**33,000**	--	--	4,400	**150,000**	nc	1.1 J	1.1 J	<0.70	1.1 J	1.5 J
Tetrachloroethene	110	3,700	42	**1,400**	470	16,000	180	**6,000**	nc	5.1	85	2.1	39	5.6
Tetrahydrofuran	--	--	2,100	**70,000**	--	--	8,800	**290,000**	nc	0.66 J	4.1	4.3	<0.33	2.2
Toluene	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	34.5	5.3	12.7	11	4.3
trans-1,2-Dichloroethene	--	--	42	**1,400**	--	--	180	**5,800**	nc	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--	nc	NA	NA	NA	NA	NA
Trichloroethene	4.8	160	2.1	**70**	30	1,000	8.8	**290**	nc	3.6	<0.35	<0.36	2.4	1.5
Trichlorofluoromethane	--	--	--	--	--	--	--	--	--	12.1	33	118	4.5	5.4
Vinyl acetate	--	--	210	**7,000**	--	--	880	**29,000**	nc	NA	NA	NA	NA	NA
Vinyl chloride	1.7	**56**	83	2,800	28	**930**	350	12,000	c	NA	NA	NA	NA	NA

Notes:
All soil vapor concentrations are reported in micrograms per cubic meter (ug/m3).
Samples analyzed using USEPA Method TO-15 for volatile organic compounds (VOCs). Only detected compounds are listed.
Standards are based on May 2021 USEPA Regional Screening Level (RSL) Tables
[1] For parameters with both carcinogenic and non-carcinogenic indoor air VALs, results are compared to the most conservative sub-slab vapor VRSL displayed in **bold** font.
[2] The USEPA RSL Basis indicates whether the carcinogenic (c) or non-carcinogenic (nc) indoor air VAL is most stringent.
a = Exceeds Residential VRSL
b = Exceeds Small Commercial VRSL
J = Estimated concentration at or above the level of detection (LOD) and below the level of quantification (LOQ).
SS = This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.
AF = Attenuation Factor
VAL= Indoor Air Vapor Action Level
VRSL = Vapor Risk Screening Level
-- = No RSL established
< = Analyte not detected above the laboratory Method detection limit (laboratory method detection limit in parentheses).

TABLE 1
VOCs in Soil Vapor
Filer Stowell Property
147 East Becher Street, Milwaukee, Wisconsin
Ramboll Project 1690023383

Analyte	Residential AF = 0.03				Small Commercial AF = 0.03				USEPA RSL[1]	VP-6			VP-7	VP-8	VP-9	VP-10
	Carcinogenic Target Risk		Noncancer Hazard Index		Carcinogenic Target Risk		Noncancer Hazard Index									
	Indoor Air VAL (1 E -5)	**Sub-Slab Vapor VRSL (33.3 x)**	Indoor Air VAL (HI = 1)	**Sub-Slab Vapor VRSL (33.3 x)**	Indoor Air VAL (1 E -5)	**Sub-Slab Vapor VRSL (33.3 x)**	Indoor Air VAL (HI = 1)	**Sub-Slab Vapor VRSL (33.3 x)**		9/27/2021	11/24/2021	6/16/2022	9/27/2021	9/27/2021	9/27/2021	9/27/2021
VOCs																
1,1,1-Trichloroethane	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	16.0 J	NA	12.4	1,490	2.0 J	<1.9	58.1
1,1,2,2-Tetrachloroethane	0.48	**16**	--	--	2.1	**70**	--	--	c	<19.4	NA	<0.72	NA	NA	NA	NA
1,1,2-Trichloroethane	1.8	60	0.21	**7**	7.7	260	0.88	**29**	nc	<10.3	NA	<0.38	NA	NA	NA	NA
1,1-Dichloroethane	18	**590**	--	--	77	**2,600**	--	--	c	<8.6	NA	<0.32	NA	NA	NA	NA
1,1-Dichloroethene	--	--	210	**7,000**	--	--	880	**29,000**	nc	<7.2	NA	<0.27	41.6 J	<0.25	<1.4	<0.27
1,1,2-Trichlorotrifluoroethane	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	<15.1	NA	1.0 J	<15.9	0.91 J	<2.9	0.73 J
1,2,4-Trichlorobenzene	--	--	2.1	**70**	--	--	8.8	**290**	nc	<255	NA	<9.5	NA	NA	NA	NA
1,2,4-Trimethylbenzene	--	--	63	**2,100**	--	--	260	**8,700**	nc	<18.5	NA	6.7	38.8 J	2.5	5.1 J	4.6
1,2-Dibromoethane (EDB)	0.047	**1.6**	9.4	310	0.2	**6.7**	39	1,300	c	<15.7	NA	<0.58	NA	NA	NA	NA
1,2-Dichlorobenzene	--	--	210	**7,000**	--	--	880	**29,000**	nc	<21.1	NA	<0.79	<22.2	<0.74	<4.1	<0.79
1,2-Dichloroethane	1.1	**36**	7.3	240	4.7	**160**	31	1,000	c	<10.1	NA	<0.38	NA	NA	NA	NA
1,2-Dichloropropane	7.6	250	4.2	**140**	33	1,100	18	**600**	nc	<14.0	NA	<0.52	NA	NA	NA	NA
1,3,5-Trimethylbenzene	--	--	63	**2,100**	--	--	260	**8,700**	nc	<15.1	NA	3.4	27.0 J	1.1 J	<2.9	1.8 J
1,3-Butadiene	0.94	**31**	2.1	70	4.1	**140**	8.8	290	c	<6.3	NA	<0.23	NA	NA	NA	NA
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	<26.6	NA	6.7	<27.9	4.4 J	<5.1	3.4 J
1,4-Dichlorobenzene	2.6	**87**	830	28,000	11	**370**	3,500	120,000	c	<45.8	NA	<1.7	<48.1	<1.6	<8.9	<1.7
2-Butanone (MEK)	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	<24.3	NA	<0.90	<25.5	4.3 J	<4.7	14
2-Hexanone	--	--	31	**1,000**	--	--	130	**4,300**	nc	<23.1	NA	5.9 J	<24.3	2.5 J	<4.5	2.3 J
2-Propanol	--	--	210	**7,000**	--	--	880	**29,000**	nc	<26.6	NA	14.0	<27.9	2.2 J	5.3 J	25.2
4-Ethyltoluene	--	--	--	--	--	--	--	--	--	<24.6	NA	2.9 J	<25.9	1.3 J	<4.8	2.3 J
4-Methyl-2-pentanone (MIBK)	--	--	3,100	**100,000**	--	--	13,000	**430,000**	nc	<16.8	NA	<0.62	<17.6	0.91 J	<3.2	1.7 J
Acetone	--	--	32,000	**1,100,000**	--	--	140,000	**4,700,000**	nc	134 J	NA	37.4	<99.4	25.4	32.7 J	279
Benzene	3.6	**120**	31	1,000	16	**520**	130	4,300	c	<6.0	NA	0.47 J	<6.3	0.37 J	<1.2	0.46 J
Benzyl chloride	0.57	**19**	1	33	2.5	**83**	4.4	150	c	<46.5	NA	<1.7	NA	NA	NA	NA
Bromodichloromethane	0.76	**25**	--	--	3.3	**110**	--	--	c	<12.4	NA	<0.46	NA	NA	NA	NA
Bromoform	26	**870**	--	--	110	**3,700**	--	--	c	<84.6	NA	<3.1	NA	NA	NA	NA
Bromomethane	--	--	5.2	**170**	--	--	22	**730**	nc	<7.8	NA	<0.29	<8.2	<0.27	<1.5	<0.29
Carbon disulfide	--	--	730	**24,000**	--	--	3,100	**100,000**	nc	25.9 J	NA	3.5	12.4 J	0.54 J	2.7 J	9.2
Carbon tetrachloride	4.7	**160**	100	3,300	20	**680**	440	15,000	c	<14.6	NA	<0.54	<15.4	<0.51	<2.8	<0.54
Chlorobenzene	--	--	52	1,700	--	--	220	7,300	nc	<8.1	NA	<0.30	NA	NA	NA	NA
Chloroethane	--	--	4200	140,000	--	--	18000	600,000	nc	<11.7	NA	<0.43	NA	NA	NA	NA
Chloroform	1.2	**40**	100	3,300	5.3	**180**	430	14,000	c	<9.6	NA	<0.36	<10.0	<0.33	<1.8	<0.36
Chloromethane	--	--	94	**3,100**	--	--	390	**13,000**	nc	<4.4	NA	1.7	<4.7	<0.16	<0.86	0.31 J
cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	<10.2	NA	<0.38	<10.7	<0.36	<2.0	<0.38
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	<13.3	NA	<0.49	NA	NA	NA	NA
Cyclohexane	--	--	6,300	**210,000**	--	--	26,000	**870,000**	nc	<11.5	NA	12.4	<12.1	10.6	9.0 J	5.6
Dibromochloromethane	--	--	--	--	--	--	--	--	--	<26.9	NA	<1.0	NA	NA	NA	NA
Dichlorodifluoromethane	--	--	100	**3,300**	--	--	440	**15,000**	nc	<9.8	NA	2.6	<10.3	3.8	2.9 J	2.5
Dichlorotetrafluoroethane	--	--	--	--	--	--	--	--	--	<10.5	NA	<0.39	NA	NA	NA	NA
Ethanol	--	--	--	--	--	--	--	--	--	121	NA	80.7	433	93.4	128	1,160
Ethyl acetate	--	--	73	**2,400**	--	--	310	**10,000**	nc	<6.8	NA	4.7	<7.2	0.43 J	<1.3	1.5
Ethylbenzene	11	**370**	1,000	33,000	49	**1,600**	4,400	150,000	c	<16.1	NA	4.4	25.4 J	0.69 J	<3.1	2.2
Hexachloro-1,3-butadiene	1.3	**43**	--	--	5.6	**190**	--	--	c	<64.2	NA	<2.4	<67.5	<2.3	<12.4	<2.4
m&p-Xylene	--	--	100	**3,500**	--	--	440	**15,000**	nc	<33.5	NA	17.5	47.7 J	2.6 J	7.6 J	6.3
Methylene Chloride	1,000	33,000	630	**21,000**	12,000	400,000	2,600	**88,000**	nc	<31.0	NA	<1.2	<32.6	<1.1	<6.0	<1.2
Methyl-tert-butyl ether	110	**3,700**	3,100	100,000	470	**16,000**	13,000	430,000	c	<6.6	NA	<0.24	<6.9	<0.23	<1.3	<0.24
Naphthalene	0.83	**28**	3.1	100	3.6	**120**	13	430	c	152[a,b]	4.6 J	<4.2	<119	5.1	<21.9	4.6 J
n-Heptane	--	--	420	**14,000**	--	--	1,800	**60,000**	nc	<9.4	NA	<0.35	<9.9	<0.33	<1.8	<0.35
n-Hexane	--	--	730	**24,000**	--	--	3,100	**100,000**	nc	40	NA	1.8	<10.5	<0.35	<1.9	1.3 J
o-Xylene	--	--	100	**3,500**	--	--	440	**15,000**	nc	<14.1	NA	5.8	<14.9	0.96 J	<2.7	2.1
Propylene	--	--	3,100	**100,000**	--	--	13,000	**430,000**	nc	<6.8	NA	<0.25	<7.1	<0.24	<1.3	1.0 J
Styrene	--	--	1,000	**33,000**	--	--	4,400	**150,000**	nc	<20.1	NA	<0.75	<21.1	1.0 J	<3.9	1.5 J
Tetrachloroethene	110	3,700	42	**1,400**	470	16,000	180	**6,000**	nc	<15.2	NA	12.3	<16.0	1.7	6.1 J	1.8
Tetrahydrofuran	--	--	2,100	**70,000**	--	--	8,800	**290,000**	nc	<9.4	NA	<0.35	<9.9	<0.33	<1.8	0.97 J
Toluene	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	15.6 J	NA	9.4	16.6 J	2.2	3.9 J	4.8
trans-1,2-Dichloroethene	--	--	42	**1,400**	--	--	180	**5,800**	nc	<8.8	NA	<0.33	NA	NA	NA	NA
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--	nc	<28.4	NA	<1.1	NA	NA	NA	NA
Trichloroethene	4.8	160	2.1	**70**	30	1,000	8.8	**290**	nc	<10.2	NA	<0.38	<10.8	<0.36	<2.0	<0.38
Trichlorofluoromethane	--	--	--	--	--	--	--	--	--	<12.2	NA	3.9	<12.8	2	<2.4	1.6 J
Vinyl acetate	--	--	210	**7,000**	--	--	880	**29,000**	nc	<10.9	NA	<0.40	NA	NA	NA	NA
Vinyl chloride	1.7	**56**	83	2,800	28	**930**	350	12,000	c	<4.5	NA	<0.17	NA	NA	NA	NA

Notes:
All soil vapor concentrations are reported in micrograms per cubic meter (ug/m3).
Samples analyzed using USEPA Method TO-15 for volatile organic compounds (VOCs). Only detected compounds are listed.
Standards are based on May 2021 USEPA Regional Screening Level (RSL) Tables
[1] For parameters with both carcinogenic and non-carcinogenic indoor air VALs, results are compared to the most conservative sub-slab vapor VRSL displayed in **bold** font.
[2] The USEPA RSL Basis indicates whether the carcinogenic (c) or non-carcinogenic (nc) indoor air VAL is most stringent.
a = Exceeds Residential VRSL
b = Exceeds Small Commercial VRSL
J = Estimated concentration at or above the level of detection (LOD) and below the level of quantification (LOQ).
SS = This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.
AF = Attenuation Factor
VAL= Indoor Air Vapor Action Level
VRSL = Vapor Risk Screening Level
-- = No RSL established
< = Analyte not detected above the laboratory Method detection limit (laboratory method detection limit in parentheses).

TABLE 1
VOCs in Soil Vapor
Filer Stowell Property
147 East Becher Street, Milwaukee, Wisconsin
Ramboll Project 1690023383

Analyte	Residential AF = 0.03				Small Commercial AF = 0.03				USEPA RSL[1]	VP-11	VP-12	VP-13	VP-14	VP-15	VP-16
	Carcinogenic Target Risk		Noncancer Hazard Index		Carcinogenic Target Risk		Noncancer Hazard Index								
	Indoor Air VAL (1 E -5)	Sub-Slab Vapor VRSL (33.3 x)	Indoor Air VAL (HI = 1)	Sub-Slab Vapor VRSL (33.3 x)	Indoor Air VAL (1 E -5)	Sub-Slab Vapor VRSL (33.3 x)	Indoor Air VAL (HI = 1)	Sub-Slab Vapor VRSL (33.3 x)		9/27/2021	9/27/2021	9/27/2021	9/27/2021	9/27/2021	9/27/2021
VOCs															
1,1,1-Trichloroethane	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	19.2	0.64 J	<1.7	<0.34	4,030	8,330
1,1,2,2-Tetrachloroethane	0.48	**16**	--	--	2.1	**70**	--	--	c	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1.8	60	0.21	**7**	7.7	260	0.88	**29**	nc	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	18	**590**	--	--	77	**2,600**	--	--	c	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	--	--	210	**7,000**	--	--	880	**29,000**	nc	<1.3	<0.26	<1.2	<0.25	1.9	<7.1
1,1,2-Trichlorotrifluoroethane	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	<2.8	1.9 J	<2.6	0.99 J	0.91 J	<14.8
1,2,4-Trichlorobenzene	--	--	2.1	**70**	--	--	8.8	**290**	nc	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	--	--	63	**2,100**	--	--	260	**8,700**	nc	6.2 J	2.6	4.7 J	2.9	2.8	41.6 J
1,2-Dibromoethane (EDB)	0.047	**1.6**	9.4	310	0.2	**6.7**	39	1,300	c	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	--	--	210	**7,000**	--	--	880	**29,000**	nc	<3.9	<0.77	<3.6	<0.74	<0.73	<20.8
1,2-Dichloroethane	1.1	**36**	7.3	240	4.7	**160**	31	1,000	c	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	7.6	250	4.2	**140**	33	1,100	18	**600**	nc	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	--	--	63	**2,100**	--	--	260	**8,700**	nc	4.7 J	1.6 J	<2.6	1.8 J	1.2 J	26.8 J
1,3-Butadiene	0.94	**31**	2.1	70	4.1	**140**	8.8	290	c	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	<4.9	3.8 J	<4.6	4.2 J	2.9 J	<26.1
1,4-Dichlorobenzene	2.6	**87**	830	28,000	11	**370**	3,500	120,000	c	<8.5	<1.7	<7.9	<1.6	<1.6	<45.0
2-Butanone (MEK)	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	29.0 J	6.8	<4.2	4.0 J	6.3	<23.9
2-Hexanone	--	--	31	**1,000**	--	--	130	**4,300**	nc	12.1 J	2.7 J	<4.0	2.5 J	1.4 J	<22.7
2-Propanol	--	--	210	**7,000**	--	--	880	**29,000**	nc	23.4 J	32.4	10.3 J	10.6	6.9	<26.1
4-Ethyltoluene	--	--	--	--	--	--	--	--	--	<4.6	1.7 J	<4.2	1.5 J	1.5 J	<24.2
4-Methyl-2-pentanone (MIBK)	--	--	3,100	**100,000**	--	--	13,000	**430,000**	nc	9.4 J	3.9 J	<2.9	1.4 J	<0.58	<16.5
Acetone	--	--	32,000	**1,100,000**	--	--	140,000	**4,700,000**	nc	318	125	42.1 J	94.8	17.7	<92.9
Benzene	3.6	**120**	31	1,000	16	**520**	130	4,300	c	<1.1	0.54 J	<1.0	0.24 J	<0.21	<5.8
Benzyl chloride	0.57	**19**	1	33	2.5	**83**	4.4	150	c	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.76	**25**	--	--	3.3	**110**	--	--	c	NA	NA	NA	NA	NA	NA
Bromoform	26	**870**	--	--	110	**3,700**	--	--	c	NA	NA	NA	NA	NA	NA
Bromomethane	--	--	5.2	**170**	--	--	22	**730**	nc	<1.5	<0.28	<1.4	<0.27	0.30 J	<7.7
Carbon disulfide	--	--	730	**24,000**	--	--	3,100	**100,000**	nc	2.6 J	2.2	<1.2	17.3	11.3	<6.6
Carbon tetrachloride	4.7	**160**	100	3,300	20	**680**	440	15,000	c	<2.7	<0.53	<2.5	<0.51	<0.50	<14.4
Chlorobenzene	--	--	52	1,700	--	--	220	7,300	nc	NA	NA	NA	NA	NA	NA
Chloroethane	--	--	4200	140,000	--	--	18000	600,000	nc	NA	NA	NA	NA	NA	NA
Chloroform	1.2	**40**	100	3,300	5.3	**180**	430	14,000	c	<1.8	<0.35	<1.6	<0.33	2.1	<9.4
Chloromethane	--	--	94	**3,100**	--	--	390	**13,000**	nc	<0.83	0.58 J	<0.77	0.63 J	1.3	<4.4
cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	<1.9	<0.37	<1.8	<0.36	2	<10.0
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	NA	NA	NA	NA	NA	NA
Cyclohexane	--	--	6,300	**210,000**	--	--	26,000	**870,000**	nc	8.7 J	4.6	4.2 J	8.3	7.1	18.2 J
Dibromochloromethane	--	--	--	--	--	--	--	--	--	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	--	--	100	**3,300**	--	--	440	**15,000**	nc	3.1 J	2.9	3.0 J	2.9	3.2	<9.6
Dichlorotetrafluoroethane	--	--	--	--	--	--	--	--	--	NA	NA	NA	NA	NA	NA
Ethanol	--	--	--	--	--	--	--	--	--	910	839	391	576	59	270
Ethyl acetate	--	--	73	**2,400**	--	--	310	**10,000**	nc	<1.3	1.1 J	<1.2	0.63 J	<0.24	<6.7
Ethylbenzene	11	**370**	1,000	33,000	49	**1,600**	4,400	150,000	c	5.3 J	1.2 J	<2.8	0.88 J	1.4 J	24.8 J
Hexachloro-1,3-butadiene	1.3	**43**	--	--	5.6	**190**	--	--	c	<11.9	<2.3	<11.1	<2.3	<2.2	<63.1
m&p-Xylene	--	--	100	**3,500**	--	--	440	**15,000**	nc	13.4 J	8.2	6.8 J	3.4	4	48.7 J
Methylene Chloride	1,000	33,000	630	**21,000**	12,000	400,000	2,600	**88,000**	nc	<5.8	<1.1	<5.3	<1.1	<1.1	<30.4
Methyl-tert-butyl ether	110	**3,700**	3,100	100,000	470	**16,000**	13,000	430,000	c	<1.2	1.2 J	<1.1	<0.23	<0.23	<6.5
Naphthalene	0.83	**28**	3.1	100	3.6	**120**	13	430	c	<21.0	7.7	<19.5	6.6	5.4	<111
n-Heptane	--	--	420	**14,000**	--	--	1,800	**60,000**	nc	<1.8	<0.34	<1.6	<0.33	<0.33	<9.3
n-Hexane	--	--	730	**24,000**	--	--	3,100	**100,000**	nc	<1.9	<0.36	<1.7	<0.35	8.7	<9.8
o-Xylene	--	--	100	**3,500**	--	--	440	**15,000**	nc	3.8 J	2.7	<2.4	1.3 J	1.9	<13.9
Propylene	--	--	3,100	**100,000**	--	--	13,000	**430,000**	nc	<1.3	0.33 J	<1.2	0.46 J	<0.23	<6.7
Styrene	--	--	1,000	**33,000**	--	--	4,400	**150,000**	nc	<3.7	1.4 J	<3.5	1.1 J	1.3 J	<19.8
Tetrachloroethene	110	3,700	42	**1,400**	470	16,000	180	**6,000**	nc	<2.8	3	<2.6	2.7	9	<15.0
Tetrahydrofuran	--	--	2,100	**70,000**	--	--	8,800	**290,000**	nc	<1.7	<0.34	<1.6	<0.33	<0.32	<9.2
Toluene	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	6.5 J	3.1	3.4 J	3.5	2.8	16.1 J
trans-1,2-Dichloroethene	--	--	42	**1,400**	--	--	180	**5,800**	nc	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	NA	NA	NA	NA	NA	NA
Trichloroethene	4.8	160	2.1	**70**	30	1,000	8.8	**290**	nc	<1.9	<0.37	<1.8	<0.36	12.6	<10.1
Trichlorofluoromethane	--	--	--	--	--	--	--	--	--	<2.3	4.4	<2.1	17.1	2.8	<12.0
Vinyl acetate	--	--	210	**7,000**	--	--	880	**29,000**	nc	NA	NA	NA	NA	NA	NA
Vinyl chloride	1.7	**56**	83	2,800	28	**930**	350	12,000	c	NA	NA	NA	NA	NA	NA

Notes:
All soil vapor concentrations are reported in micrograms per cubic meter (µg/m3).
Samples analyzed using USEPA Method TO-15 for volatile organic compounds (VOCs). Only detected compounds are listed.
Standards are based on May 2021 USEPA Regional Screening Level (RSL) Tables
[1] For parameters with both carcinogenic and non-carcinogenic indoor air VALs, results are compared to the most conservative sub-slab vapor VRSL displayed in **bold** font.
[2] The USEPA RSL Basis indicates whether the carcinogenic (c) or non-carcinogenic (nc) indoor air VAL is most stringent.
a = Exceeds Residential VRSL
b = Exceeds Small Commercial VRSL
J = Estimated concentration at or above the level of detection (LOD) and below the level of quantification (LOQ).
SS = This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.
AF = Attenuation Factor
VAL= Indoor Air Vapor Action Level
VRSL = Vapor Risk Screening Level
-- = No RSL established
< = Analyte not detected above the laboratory Method detection limit (laboratory method detection limit in parentheses).

TABLE 1
VOCs in Soil Vapor
Filer Stowell Property
147 East Becher Street, Milwaukee, Wisconsin
Ramboll Project 1690023383

Analyte	Residential AF = 0.03				Small Commercial AF = 0.03				USEPA RSL[1]	VP-17		VP-18		VP-19		VP-20	
	Carcinogenic Target Risk		Noncancer Hazard Index		Carcinogenic Target Risk		Noncancer Hazard Index										
	Indoor Air VAL (1 E -5)	Sub-Slab Vapor VRSL (33.3 x)	Indoor Air VAL (HI = 1)	Sub-Slab Vapor VRSL (33.3 x)	Indoor Air VAL (1 E -5)	Sub-Slab Vapor VRSL (33.3 x)	Indoor Air VAL (HI = 1)	Sub-Slab Vapor VRSL (33.3 x)		11/24/2021	6/16/2022	11/24/2021	6/16/2022	11/24/2021	6/16/2022	11/24/2021	6/16/2022
VOCs																	
1,1,1-Trichloroethane	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	NA	0.69 J	NA	36.3	NA	0.71 J	NA	0.65 J
1,1,2,2-Tetrachloroethane	0.48	**16**	--	--	2.1	**70**	--	--	c	NA	<0.74	NA	<0.75	NA	<0.81	NA	<0.75
1,1,2-Trichloroethane	1.8	60	0.21	**7**	7.7	260	0.88	**29**	nc	NA	<0.39	NA	<0.40	NA	<0.43	NA	<0.40
1,1-Dichloroethane	18	**590**	--	--	77	**2,600**	--	--	c	NA	<0.33	NA	<0.33	NA	<0.36	NA	<0.33
1,1-Dichloroethene	--	--	210	**7,000**	--	--	880	**29,000**	nc	NA	<0.27	NA	<0.28	NA	<0.30	NA	<0.28
1,1,2-Trichlorotrifluoroethane	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	NA	0.70 J	NA	1.3 J	NA	1.5 J	NA	1.1 J
1,2,4-Trichlorobenzene	--	--	2.1	**70**	--	--	8.8	**290**	nc	NA	<9.7	NA	<9.9	NA	<10.7	NA	<9.9
1,2,4-Trimethylbenzene	--	--	63	**2,100**	--	--	260	**8,700**	nc	NA	17.2	NA	22.4	NA	5.5	NA	4.7 J
1,2-Dibromoethane (EDB)	0.047	**1.6**	9.4	310	0.2	**6.7**	39	1,300	c	NA	<0.59	NA	<0.61	NA	<0.66	NA	<0.61
1,2-Dichlorobenzene	--	--	210	**7,000**	--	--	880	**29,000**	nc	NA	<0.80	NA	<0.82	NA	<0.89	NA	<0.82
1,2-Dichloroethane	1.1	**36**	7.3	240	4.7	**160**	31	1,000	c	NA	<0.38	NA	<0.39	NA	<0.42	NA	<0.39
1,2-Dichloropropane	7.6	250	4.2	**140**	33	1,100	18	**600**	nc	NA	<0.53	NA	<0.54	NA	<0.59	NA	<0.54
1,3,5-Trimethylbenzene	--	--	63	**2,100**	--	--	260	**8,700**	nc	NA	6.3	NA	6.2	NA	3.0	NA	2.8
1,3-Butadiene	0.94	**31**	2.1	70	4.1	**140**	8.8	290	c	NA	<0.24	NA	<0.24	NA	<0.26	NA	<0.24
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	NA	3.2 J	NA	8.6	NA	7.7	NA	8.0
1,4-Dichlorobenzene	2.6	**87**	830	28,000	11	**370**	3,500	120,000	c	NA	<1.7	NA	2.2 J	NA	2.3 J	NA	<1.8
2-Butanone (MEK)	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	NA	3.3 J	NA	3.8 J	NA	4.4 J	NA	11.8
2-Hexanone	--	--	31	**1,000**	--	--	130	**4,300**	nc	NA	4.2 J	NA	1.6 J	NA	2.1 J	NA	5.5 J
2-Propanol	--	--	210	**7,000**	--	--	880	**29,000**	nc	NA	5.1	NA	17.7	NA	16.1	NA	44.6
4-Ethyltoluene	--	--	--	--	--	--	--	--	--	NA	5.9	NA	6.3	NA	1.7 J	NA	2.5 J
4-Methyl-2-pentanone (MIBK)	--	--	3,100	**100,000**	--	--	13,000	**430,000**	nc	NA	<0.64	NA	1.2 J	NA	1.1 J	NA	<0.65
Acetone	--	--	32,000	**1,100,000**	--	--	140,000	**4,700,000**	nc	NA	19.5	NA	23.4 SS	NA	31.6 SS	NA	86.0
Benzene	3.6	**120**	31	1,000	16	**520**	130	4,300	c	NA	1.1	NA	0.76	NA	0.44 J	NA	0.75
Benzyl chloride	0.57	**19**	1	33	2.5	**83**	4.4	150	c	NA	<1.8	NA	<1.9	NA	<1.9	NA	<1.8
Bromodichloromethane	0.76	**25**	--	--	3.3	**110**	--	--	c	NA	<0.47	NA	<0.48	NA	<0.52	NA	<0.48
Bromoform	26	**870**	--	--	110	**3,700**	--	--	c	NA	<3.2	NA	<3.3	NA	<3.5	NA	<3.3
Bromomethane	--	--	5.2	**170**	--	--	22	**730**	nc	NA	<0.30	NA	<0.30	NA	<0.33	NA	<0.30
Carbon disulfide	--	--	730	**24,000**	--	--	3,100	**100,000**	nc	NA	<0.26	NA	2.4	NA	0.42 J	NA	<0.26
Carbon tetrachloride	4.7	**160**	100	3,300	20	**680**	440	15,000	c	NA	<0.55	NA	<0.57	NA	<0.61	NA	<0.57
Chlorobenzene	--	--	52	1,700	--	--	220	7,300	nc	NA	<0.31	NA	0.33 J	NA	0.41 J	NA	<0.31
Chloroethane	--	--	4200	140,000	--	--	18000	600,000	nc	NA	<0.44	NA	<0.45	NA	<0.49	NA	<0.45
Chloroform	1.2	**40**	100	3,300	5.3	**180**	430	14,000	c	NA	<0.36	NA	<0.37	NA	<0.40	NA	<0.37
Chloromethane	--	--	94	**3,100**	--	--	390	**13,000**	nc	NA	<0.17	NA	1.0	NA	0.86 J	NA	<0.17
cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	NA	<0.39	NA	<0.39	NA	<0.43	NA	<0.39
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	NA	<0.50	NA	<0.52	NA	<0.56	NA	<0.52
Cyclohexane	--	--	6,300	**210,000**	--	--	26,000	**870,000**	nc	NA	<0.44	NA	17.6	NA	10.2	NA	<0.45
Dibromochloromethane	--	--	--	--	--	--	--	--	--	NA	<1.0	NA	<1.0	NA	<1.1	NA	<1.0
Dichlorodifluoromethane	--	--	100	**3,300**	--	--	440	**15,000**	nc	NA	2.3	NA	3.2	NA	4.8	NA	3.4
Dichlorotetrafluoroethane	--	--	--	--	--	--	--	--	--	NA	<0.40	NA	<0.41	NA	<0.44	NA	<0.41
Ethanol	--	--	--	--	--	--	--	--	--	NA	46.5	NA	76.9	NA	62.3	NA	145
Ethyl acetate	--	--	73	**2,400**	--	--	310	**10,000**	nc	NA	<0.26	NA	5.3	NA	4.8	NA	6.9
Ethylbenzene	11	**370**	1,000	33,000	49	**1,600**	4,400	150,000	c	NA	7.1	NA	5.4	NA	2.8	NA	3.1
Hexachloro-1,3-butadiene	1.3	**43**	--	--	5.6	**190**	--	--	c	NA	<2.4	NA	<2.5	NA	3.3 J	NA	<2.5
m&p-Xylene	--	--	100	**3,500**	--	--	440	**15,000**	nc	NA	30.2	NA	21.3	NA	10.5	NA	13.1
Methylene Chloride	1,000	33,000	630	**21,000**	12,000	400,000	2,600	**88,000**	nc	NA	<1.2	NA	<1.2	NA	<1.3	NA	<1.2
Methyl-tert-butyl ether	110	**3,700**	3,100	100,000	470	**16,000**	13,000	430,000	c	NA	<0.25	NA	<0.25	NA	<0.28	NA	0.40 J
Naphthalene	0.83	**28**	3.1	100	3.6	**120**	13	430	c	4.4 J	<4.3	4.4 J	5.3 J	4.2 J	4.8 J	4.4 J	<4.4
n-Heptane	--	--	420	**14,000**	--	--	1,800	**60,000**	nc	NA	<0.36	NA	2.9	NA	1.9	NA	<0.37
n-Hexane	--	--	730	**24,000**	--	--	3,100	**100,000**	nc	NA	2.1	NA	3.1	NA	<0.42	NA	1.6
o-Xylene	--	--	100	**3,500**	--	--	440	**15,000**	nc	NA	10.3	NA	9.1	NA	4.0	NA	4.6
Propylene	--	--	3,100	**100,000**	--	--	13,000	**430,000**	nc	NA	<0.26	NA	<0.26	NA	2.0	NA	<0.26
Styrene	--	--	1,000	**33,000**	--	--	4,400	**150,000**	nc	NA	1.5 J	NA	<0.78	NA	<0.84	NA	1.5 J
Tetrachloroethene	110	3,700	42	**1,400**	470	16,000	180	**6,000**	nc	NA	21.0	NA	14.6	NA	9.5	NA	6.7
Tetrahydrofuran	--	--	2,100	**70,000**	--	--	8,800	**290,000**	nc	NA	<0.36	NA	<0.36	NA	<0.39	NA	<0.36
Toluene	--	--	5,200	**170,000**	--	--	22,000	**730,000**	nc	NA	11.1	NA	11.4	NA	6.1	NA	8.1
trans-1,2-Dichloroethene	--	--	42	**1,400**	--	--	180	**5,800**	nc	NA	<0.33	NA	<0.34	NA	<0.37	NA	<0.34
trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--	nc	NA	<1.1	NA	<1.1	NA	<1.2	NA	<1.1
Trichloroethene	4.8	160	2.1	**70**	30	1,000	8.8	**290**	nc	NA	<0.39	NA	<0.40	NA	<0.43	NA	<0.40
Trichlorofluoromethane	--	--	--	--	--	--	--	--	--	NA	2.0 J	NA	3.4	NA	4.3	NA	3.1
Vinyl acetate	--	--	210	**7,000**	--	--	880	**29,000**	nc	NA	<0.41	NA	<0.42	NA	<0.46	NA	<0.42
Vinyl chloride	1.7	**56**	83	2,800	28	**930**	350	12,000	c	NA	<0.17	NA	<0.18	NA	<0.19	NA	<0.18

Notes:
All soil vapor concentrations are reported in micrograms per cubic meter (µg/m3).
Samples analyzed using USEPA Method TO-15 for volatile organic compounds (VOCs). Only detected compounds are listed.
Standards are based on May 2021 USEPA Regional Screening Level (RSL) Tables
[1] For parameters with both carcinogenic and non-carcinogenic indoor air VALs, results are compared to the most conservative sub-slab vapor VRSL displayed in **bold** font.
[2] The USEPA RSL Basis indicates whether the carcinogenic (c) or non-carcinogenic (nc) indoor air VAL is most stringent.
a = Exceeds Residential VRSL
b = Exceeds Small Commercial VRSL
J = Estimated concentration at or above the level of detection (LOD) and below the level of quantification (LOQ).
SS = This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.
AF = Attenuation Factor
VAL= Indoor Air Vapor Action Level
VRSL = Vapor Risk Screening Level
-- = No RSL established
< = Analyte not detected above the laboratory Method detection limit (laboratory method detection limit in parentheses).

Figure

LEGEND:

- FILER & STOWELL SITE BOUNDARY (APPROXIMATE)
- PROPERTY BOUNDARY (APPROXIMATE)
- PROPOSED NEW BUILDINGS
- VP-1 SUB-SLAB VAPOR SAMPLING LOCATION
- TW-1 BORING AND TEMPORARY WELLLOCATION

New Barons Brewing Coop, Twisted Path Distillery, Beer City Screen Printing)

Boat Storage

BP AMOCO

E Becher St

Restaurant Depot

Former Industrial Property

Wheel & Sprocket

S Robinson Avenue

Future Residential Units

Railroad

Multi-Tenent Apartments

S 1st Street

Staffing Partners

Former Industrial Property

Kinnickinnic River

W Lincoln Avenue

MKE Urban Stables

E Ward Street

SITE FEATURES:
1. GARAGE (BUILDING A-1)
2. FOUR-STORY OFFICE BUILDING (BUILDING D-1)
3. INTEGRATED TOOL & MACHINE BUILDING (D-2)
4. SAW MILL BUILDING (C-1)
5. PAINT AND SAND BLAST BOOTHS
6. STORAGE BUILDING (BUILDING C-3)
7. FORMER FORGE BUILDING (BUILDING C-4)
8. BOAT STORAGE
9. FORMER BOAT MAINTENANCE AREA (BUILDING B-3)
10. POWER HOUSE (BUILDING A-3 THROUGH A-6)
11. PATTERN STORAGE (BUILDING A-2)
12. OFFICE (BUILDING B-7)
13. TREE/LOG STORAGE AREA

0 120
SCALE IN FEET

SITE LAYOUT

Filer & Stowell Property
147 East Becher Street
Milwaukee, Wisconsin 53207

RAMBOLL

FIGURE 1

DRAFTED BY: RPM | DATE: 06/28/2022 | PROJECT: 1690023383

Attachment A

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

July 05, 2022

Richard Mazurkiewicz
Ramboll US Consulting, Inc.
234 West Florida St.
5th floor
Milwaukee, WI 53204

RE: Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Dear Richard Mazurkiewicz:

Enclosed are the analytical results for sample(s) received by the laboratory on June 17, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

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: Kyle Heimstead, Ramboll US Consulting, Inc.

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

CERTIFICATIONS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Pace Analytical Services, LLC - Minneapolis MN
1700 Elm Street SE, Minneapolis, MN 55414
A2LA Certification #: 2926.01*
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab
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
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605*
Georgia Certification #: 959
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 #: AI-03086*
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064*
Maryland Certification #: 322
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137*
Minnesota Dept of Ag Approval: via MN 027-053-137
Minnesota Petrofund Registration #: 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 (A2LA) #: R-036
North Dakota Certification (MN) #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification (1700) #: CL101
Ohio VAP Certification (1800) #: CL110*
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
USDA Permit #: P330-19-00208
*Please Note: Applicable air certifications are denoted with an asterisk (*).

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

SAMPLE SUMMARY

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10613371001	**VP-17**	Air	06/16/22 08:42	06/17/22 11:15
10613371002	**VP-17 Cert# 0811**	Air		06/17/22 11:15
10613371003	**VP-18**	Air	06/16/22 09:09	06/17/22 11:15
10613371004	**VP-18 Cert# 3725**	Air		06/17/22 11:15
10613371005	**VP-6**	Air	06/16/22 09:34	06/17/22 11:15
10613371006	**VP-6 Cert# 3236**	Air		06/17/22 11:15
10613371007	**VP-19**	Air	06/16/22 09:45	06/17/22 11:15
10613371008	**VP-19 Cert# 3088**	Air		06/17/22 11:15
10613371009	**VP-20**	Air	06/16/22 10:01	06/17/22 11:15
10613371010	**VP-20 Cert# 2239**	Air		06/17/22 11:15

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

SAMPLE ANALYTE COUNT

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10613371001	**VP-17**	TO-15	AFV	61
10613371002	**VP-17 Cert# 0811**	TO-15	HMH	61
10613371003	**VP-18**	TO-15	MJL	61
10613371004	**VP-18 Cert# 3725**	TO-15	MJL	61
10613371005	**VP-6**	TO-15	AFV	61
10613371006	**VP-6 Cert# 3236**	TO-15	MJL	61
10613371007	**VP-19**	TO-15	MJL	61
10613371008	**VP-19 Cert# 3088**	TO-15	MJL	61
10613371009	**VP-20**	TO-15	AFV	61
10613371010	**VP-20 Cert# 2239**	TO-15	MJL	61

PASI-M = Pace Analytical Services - Minneapolis

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

PROJECT NARRATIVE

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Method: **TO-15**
Description: TO15 MSV AIR
Client: Ramboll Environ- WI
Date: July 05, 2022

General Information:
5 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: 825739

SS: This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

- DUP (Lab ID: 4374925)
  - Acetone
- DUP (Lab ID: 4374926)
  - Acetone
- LCS (Lab ID: 4373691)
  - 1,2,4-Trichlorobenzene
  - Acetone
- VP-18 (Lab ID: 10613371003)
  - Acetone
- VP-19 (Lab ID: 10613371007)
  - Acetone

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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

PROJECT NARRATIVE

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Method: **TO-15**
Description: Individual Can Certification
Client: Ramboll Environ- WI
Date: July 05, 2022

General Information:
5 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-17 **Lab ID: 10613371001** Collected: 06/16/22 08:42 Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**19.5**	ug/m3	12.0	3.6	1.98		07/01/22 02:16	67-64-1	
Benzene	**1.1**	ug/m3	0.64	0.23	1.98		07/01/22 02:16	71-43-2	
Benzyl chloride	**<1.8**	ug/m3	5.2	1.8	1.98		07/01/22 02:16	100-44-7	
Bromodichloromethane	**<0.47**	ug/m3	2.7	0.47	1.98		07/01/22 02:16	75-27-4	
Bromoform	**<3.2**	ug/m3	10.4	3.2	1.98		07/01/22 02:16	75-25-2	
Bromomethane	**<0.30**	ug/m3	1.6	0.30	1.98		07/01/22 02:16	74-83-9	
1,3-Butadiene	**<0.24**	ug/m3	2.2	0.24	1.98		07/01/22 02:16	106-99-0	
2-Butanone (MEK)	**3.3J**	ug/m3	5.9	0.92	1.98		07/01/22 02:16	78-93-3	
Carbon disulfide	**<0.26**	ug/m3	1.3	0.26	1.98		07/01/22 02:16	75-15-0	
Carbon tetrachloride	**<0.55**	ug/m3	2.5	0.55	1.98		07/01/22 02:16	56-23-5	
Chlorobenzene	**<0.31**	ug/m3	1.9	0.31	1.98		07/01/22 02:16	108-90-7	
Chloroethane	**<0.44**	ug/m3	2.7	0.44	1.98		07/01/22 02:16	75-00-3	
Chloroform	**<0.36**	ug/m3	0.98	0.36	1.98		07/01/22 02:16	67-66-3	
Chloromethane	**<0.17**	ug/m3	0.83	0.17	1.98		07/01/22 02:16	74-87-3	
Cyclohexane	**<0.44**	ug/m3	3.5	0.44	1.98		07/01/22 02:16	110-82-7	
Dibromochloromethane	**<1.0**	ug/m3	3.4	1.0	1.98		07/01/22 02:16	124-48-1	
1,2-Dibromoethane (EDB)	**<0.59**	ug/m3	1.5	0.59	1.98		07/01/22 02:16	106-93-4	
1,2-Dichlorobenzene	**<0.80**	ug/m3	6.1	0.80	1.98		07/01/22 02:16	95-50-1	
1,3-Dichlorobenzene	**3.2J**	ug/m3	6.1	1.0	1.98		07/01/22 02:16	541-73-1	
1,4-Dichlorobenzene	**<1.7**	ug/m3	6.1	1.7	1.98		07/01/22 02:16	106-46-7	
Dichlorodifluoromethane	**2.3**	ug/m3	2.0	0.37	1.98		07/01/22 02:16	75-71-8	
1,1-Dichloroethane	**<0.33**	ug/m3	1.6	0.33	1.98		07/01/22 02:16	75-34-3	
1,2-Dichloroethane	**<0.38**	ug/m3	1.6	0.38	1.98		07/01/22 02:16	107-06-2	
1,1-Dichloroethene	**<0.27**	ug/m3	1.6	0.27	1.98		07/01/22 02:16	75-35-4	
cis-1,2-Dichloroethene	**<0.39**	ug/m3	1.6	0.39	1.98		07/01/22 02:16	156-59-2	
trans-1,2-Dichloroethene	**<0.33**	ug/m3	1.6	0.33	1.98		07/01/22 02:16	156-60-5	
1,2-Dichloropropane	**<0.53**	ug/m3	1.9	0.53	1.98		07/01/22 02:16	78-87-5	
cis-1,3-Dichloropropene	**<0.50**	ug/m3	4.6	0.50	1.98		07/01/22 02:16	10061-01-5	
trans-1,3-Dichloropropene	**<1.1**	ug/m3	4.6	1.1	1.98		07/01/22 02:16	10061-02-6	
Dichlorotetrafluoroethane	**<0.40**	ug/m3	2.8	0.40	1.98		07/01/22 02:16	76-14-2	
Ethanol	**46.5**	ug/m3	3.8	1.2	1.98		07/01/22 02:16	64-17-5	
Ethyl acetate	**<0.26**	ug/m3	1.5	0.26	1.98		07/01/22 02:16	141-78-6	
Ethylbenzene	**7.1**	ug/m3	1.7	0.61	1.98		07/01/22 02:16	100-41-4	
4-Ethyltoluene	**5.9**	ug/m3	5.0	0.93	1.98		07/01/22 02:16	622-96-8	
n-Heptane	**<0.36**	ug/m3	1.6	0.36	1.98		07/01/22 02:16	142-82-5	
Hexachloro-1,3-butadiene	**<2.4**	ug/m3	10.7	2.4	1.98		07/01/22 02:16	87-68-3	
n-Hexane	**2.1**	ug/m3	1.4	0.38	1.98		07/01/22 02:16	110-54-3	
2-Hexanone	**4.2J**	ug/m3	8.2	0.88	1.98		07/01/22 02:16	591-78-6	
Methylene Chloride	**<1.2**	ug/m3	7.0	1.2	1.98		07/01/22 02:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.64**	ug/m3	8.2	0.64	1.98		07/01/22 02:16	108-10-1	
Methyl-tert-butyl ether	**<0.25**	ug/m3	7.2	0.25	1.98		07/01/22 02:16	1634-04-4	
Naphthalene	**<4.3**	ug/m3	5.3	4.3	1.98		07/01/22 02:16	91-20-3	
2-Propanol	**5.1**	ug/m3	5.0	1.0	1.98		07/01/22 02:16	67-63-0	
Propylene	**<0.26**	ug/m3	1.7	0.26	1.98		07/01/22 02:16	115-07-1	
Styrene	**1.5J**	ug/m3	1.7	0.76	1.98		07/01/22 02:16	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-17 **Lab ID: 10613371001** Collected: 06/16/22 08:42 Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	**<0.74**	ug/m3	2.8	0.74	1.98		07/01/22 02:16	79-34-5	
Tetrachloroethene	**21.0**	ug/m3	2.7	0.58	1.98		07/01/22 02:16	127-18-4	
Tetrahydrofuran	**<0.36**	ug/m3	1.2	0.36	1.98		07/01/22 02:16	109-99-9	
Toluene	**11.1**	ug/m3	1.5	0.48	1.98		07/01/22 02:16	108-88-3	
1,2,4-Trichlorobenzene	**<9.7**	ug/m3	14.9	9.7	1.98		07/01/22 02:16	120-82-1	
1,1,1-Trichloroethane	**0.69J**	ug/m3	2.2	0.37	1.98		07/01/22 02:16	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/m3	2.2	0.39	1.98		07/01/22 02:16	79-00-5	
Trichloroethene	**<0.39**	ug/m3	2.2	0.39	1.98		07/01/22 02:16	79-01-6	
Trichlorofluoromethane	**2.0J**	ug/m3	2.3	0.46	1.98		07/01/22 02:16	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.70J**	ug/m3	3.1	0.57	1.98		07/01/22 02:16	76-13-1	
1,2,4-Trimethylbenzene	**17.2**	ug/m3	4.9	0.70	1.98		07/01/22 02:16	95-63-6	
1,3,5-Trimethylbenzene	**6.3**	ug/m3	2.0	0.57	1.98		07/01/22 02:16	108-67-8	
Vinyl acetate	**<0.41**	ug/m3	1.4	0.41	1.98		07/01/22 02:16	108-05-4	
Vinyl chloride	**<0.17**	ug/m3	0.51	0.17	1.98		07/01/22 02:16	75-01-4	
m&p-Xylene	**30.2**	ug/m3	3.5	1.3	1.98		07/01/22 02:16	179601-23-1	
o-Xylene	**10.3**	ug/m3	1.7	0.54	1.98		07/01/22 02:16	95-47-6	

Sample: VP-17 Cert# 0811 **Lab ID: 10613371002** Collected: Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**<1.8**	ug/m3	6.0	1.8	1		05/18/22 14:16	67-64-1	
Benzene	**<0.11**	ug/m3	0.32	0.11	1		05/18/22 14:16	71-43-2	
Benzyl chloride	**<0.89**	ug/m3	2.6	0.89	1		05/18/22 14:16	100-44-7	
Bromodichloromethane	**<0.24**	ug/m3	1.4	0.24	1		05/18/22 14:16	75-27-4	
Bromoform	**<1.6**	ug/m3	5.2	1.6	1		05/18/22 14:16	75-25-2	
Bromomethane	**<0.15**	ug/m3	0.79	0.15	1		05/18/22 14:16	74-83-9	
1,3-Butadiene	**<0.12**	ug/m3	0.45	0.12	1		05/18/22 14:16	106-99-0	
2-Butanone (MEK)	**<0.46**	ug/m3	3.0	0.46	1		05/18/22 14:16	78-93-3	
Carbon disulfide	**<0.13**	ug/m3	0.63	0.13	1		05/18/22 14:16	75-15-0	
Carbon tetrachloride	**<0.28**	ug/m3	1.3	0.28	1		05/18/22 14:16	56-23-5	
Chlorobenzene	**<0.16**	ug/m3	0.94	0.16	1		05/18/22 14:16	108-90-7	
Chloroethane	**<0.22**	ug/m3	0.54	0.22	1		05/18/22 14:16	75-00-3	
Chloroform	**<0.18**	ug/m3	0.50	0.18	1		05/18/22 14:16	67-66-3	
Chloromethane	**<0.085**	ug/m3	0.42	0.085	1		05/18/22 14:16	74-87-3	
Cyclohexane	**<0.22**	ug/m3	1.8	0.22	1		05/18/22 14:16	110-82-7	
Dibromochloromethane	**<0.52**	ug/m3	1.7	0.52	1		05/18/22 14:16	124-48-1	
1,2-Dibromoethane (EDB)	**<0.30**	ug/m3	1.6	0.30	1		05/18/22 14:16	106-93-4	
1,2-Dichlorobenzene	**<0.40**	ug/m3	3.1	0.40	1		05/18/22 14:16	95-50-1	
1,3-Dichlorobenzene	**<0.51**	ug/m3	3.1	0.51	1		05/18/22 14:16	541-73-1	
1,4-Dichlorobenzene	**<0.88**	ug/m3	3.1	0.88	1		05/18/22 14:16	106-46-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-17 Cert# 0811 **Lab ID: 10613371002** Collected: Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Dichlorodifluoromethane	**<0.19**	ug/m3	1.0	0.19	1		05/18/22 14:16	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/m3	0.82	0.16	1		05/18/22 14:16	75-34-3	
1,2-Dichloroethane	**<0.19**	ug/m3	0.82	0.19	1		05/18/22 14:16	107-06-2	
1,1-Dichloroethene	**<0.14**	ug/m3	0.81	0.14	1		05/18/22 14:16	75-35-4	
cis-1,2-Dichloroethene	**<0.20**	ug/m3	0.81	0.20	1		05/18/22 14:16	156-59-2	
trans-1,2-Dichloroethene	**<0.17**	ug/m3	0.81	0.17	1		05/18/22 14:16	156-60-5	
1,2-Dichloropropane	**<0.27**	ug/m3	0.94	0.27	1		05/18/22 14:16	78-87-5	
cis-1,3-Dichloropropene	**<0.26**	ug/m3	2.3	0.26	1		05/18/22 14:16	10061-01-5	
trans-1,3-Dichloropropene	**<0.54**	ug/m3	2.3	0.54	1		05/18/22 14:16	10061-02-6	
Dichlorotetrafluoroethane	**<0.20**	ug/m3	1.4	0.20	1		05/18/22 14:16	76-14-2	
Ethanol	**<0.59**	ug/m3	1.9	0.59	1		05/18/22 14:16	64-17-5	
Ethyl acetate	**<0.13**	ug/m3	0.73	0.13	1		05/18/22 14:16	141-78-6	
Ethylbenzene	**<0.31**	ug/m3	0.88	0.31	1		05/18/22 14:16	100-41-4	
4-Ethyltoluene	**<0.47**	ug/m3	2.5	0.47	1		05/18/22 14:16	622-96-8	
n-Heptane	**<0.18**	ug/m3	0.83	0.18	1		05/18/22 14:16	142-82-5	
Hexachloro-1,3-butadiene	**<1.2**	ug/m3	5.4	1.2	1		05/18/22 14:16	87-68-3	
n-Hexane	**<0.19**	ug/m3	0.72	0.19	1		05/18/22 14:16	110-54-3	
2-Hexanone	**<0.44**	ug/m3	4.2	0.44	1		05/18/22 14:16	591-78-6	
Methylene Chloride	**<0.59**	ug/m3	3.5	0.59	1		05/18/22 14:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.32**	ug/m3	4.2	0.32	1		05/18/22 14:16	108-10-1	
Methyl-tert-butyl ether	**<0.13**	ug/m3	3.7	0.13	1		05/18/22 14:16	1634-04-4	
Naphthalene	**<2.2**	ug/m3	2.7	2.2	1		05/18/22 14:16	91-20-3	
2-Propanol	**<0.51**	ug/m3	2.5	0.51	1		05/18/22 14:16	67-63-0	
Propylene	**<0.13**	ug/m3	0.88	0.13	1		05/18/22 14:16	115-07-1	
Styrene	**<0.38**	ug/m3	0.87	0.38	1		05/18/22 14:16	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.37**	ug/m3	1.4	0.37	1		05/18/22 14:16	79-34-5	
Tetrachloroethene	**<0.29**	ug/m3	0.69	0.29	1		05/18/22 14:16	127-18-4	
Tetrahydrofuran	**<0.18**	ug/m3	0.60	0.18	1		05/18/22 14:16	109-99-9	
Toluene	**<0.24**	ug/m3	0.77	0.24	1		05/18/22 14:16	108-88-3	
1,2,4-Trichlorobenzene	**<4.9**	ug/m3	7.5	4.9	1		05/18/22 14:16	120-82-1	
1,1,1-Trichloroethane	**<0.19**	ug/m3	1.1	0.19	1		05/18/22 14:16	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/m3	0.56	0.20	1		05/18/22 14:16	79-00-5	
Trichloroethene	**<0.20**	ug/m3	0.55	0.20	1		05/18/22 14:16	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/m3	1.1	0.23	1		05/18/22 14:16	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.29**	ug/m3	1.6	0.29	1		05/18/22 14:16	76-13-1	
1,2,4-Trimethylbenzene	**<0.35**	ug/m3	1.0	0.35	1		05/18/22 14:16	95-63-6	
1,3,5-Trimethylbenzene	**<0.29**	ug/m3	1.0	0.29	1		05/18/22 14:16	108-67-8	
Vinyl acetate	**<0.21**	ug/m3	0.72	0.21	1		05/18/22 14:16	108-05-4	
Vinyl chloride	**<0.087**	ug/m3	0.26	0.087	1		05/18/22 14:16	75-01-4	
m&p-Xylene	**<0.64**	ug/m3	1.8	0.64	1		05/18/22 14:16	179601-23-1	
o-Xylene	**<0.27**	ug/m3	0.88	0.27	1		05/18/22 14:16	95-47-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-18 **Lab ID: 10613371003** Collected: 06/16/22 09:09 Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**23.4**	ug/m3	12.2	3.7	2.02		07/01/22 18:06	67-64-1	SS
Benzene	**0.76**	ug/m3	0.66	0.23	2.02		07/01/22 18:06	71-43-2	
Benzyl chloride	**<1.8**	ug/m3	5.3	1.8	2.02		07/01/22 18:06	100-44-7	
Bromodichloromethane	**<0.48**	ug/m3	2.7	0.48	2.02		07/01/22 18:06	75-27-4	
Bromoform	**<3.3**	ug/m3	10.6	3.3	2.02		07/01/22 18:06	75-25-2	
Bromomethane	**<0.30**	ug/m3	1.6	0.30	2.02		07/01/22 18:06	74-83-9	
1,3-Butadiene	**<0.24**	ug/m3	0.91	0.24	2.02		07/01/22 18:06	106-99-0	
2-Butanone (MEK)	**3.8J**	ug/m3	6.1	0.94	2.02		07/01/22 18:06	78-93-3	
Carbon disulfide	**2.4**	ug/m3	1.3	0.26	2.02		07/01/22 18:06	75-15-0	
Carbon tetrachloride	**<0.57**	ug/m3	2.6	0.57	2.02		07/01/22 18:06	56-23-5	
Chlorobenzene	**0.33J**	ug/m3	1.9	0.31	2.02		07/01/22 18:06	108-90-7	
Chloroethane	**<0.45**	ug/m3	1.1	0.45	2.02		07/01/22 18:06	75-00-3	
Chloroform	**<0.37**	ug/m3	1.0	0.37	2.02		07/01/22 18:06	67-66-3	
Chloromethane	**0.95**	ug/m3	0.85	0.17	2.02		07/01/22 18:06	74-87-3	
Cyclohexane	**17.6**	ug/m3	3.5	0.45	2.02		07/01/22 18:06	110-82-7	
Dibromochloromethane	**<1.0**	ug/m3	3.5	1.0	2.02		07/01/22 18:06	124-48-1	
1,2-Dibromoethane (EDB)	**<0.61**	ug/m3	1.6	0.61	2.02		07/01/22 18:06	106-93-4	
1,2-Dichlorobenzene	**<0.82**	ug/m3	6.2	0.82	2.02		07/01/22 18:06	95-50-1	
1,3-Dichlorobenzene	**8.6**	ug/m3	6.2	1.0	2.02		07/01/22 18:06	541-73-1	
1,4-Dichlorobenzene	**2.2J**	ug/m3	6.2	1.8	2.02		07/01/22 18:06	106-46-7	
Dichlorodifluoromethane	**3.2**	ug/m3	2.0	0.38	2.02		07/01/22 18:06	75-71-8	
1,1-Dichloroethane	**<0.33**	ug/m3	1.7	0.33	2.02		07/01/22 18:06	75-34-3	
1,2-Dichloroethane	**<0.39**	ug/m3	1.7	0.39	2.02		07/01/22 18:06	107-06-2	
1,1-Dichloroethene	**<0.28**	ug/m3	1.6	0.28	2.02		07/01/22 18:06	75-35-4	
cis-1,2-Dichloroethene	**<0.39**	ug/m3	1.6	0.39	2.02		07/01/22 18:06	156-59-2	
trans-1,2-Dichloroethene	**<0.34**	ug/m3	1.6	0.34	2.02		07/01/22 18:06	156-60-5	
1,2-Dichloropropane	**<0.54**	ug/m3	1.9	0.54	2.02		07/01/22 18:06	78-87-5	
cis-1,3-Dichloropropene	**<0.52**	ug/m3	4.7	0.52	2.02		07/01/22 18:06	10061-01-5	
trans-1,3-Dichloropropene	**<1.1**	ug/m3	4.7	1.1	2.02		07/01/22 18:06	10061-02-6	
Dichlorotetrafluoroethane	**<0.41**	ug/m3	2.9	0.41	2.02		07/01/22 18:06	76-14-2	
Ethanol	**76.9**	ug/m3	3.9	1.2	2.02		07/01/22 18:06	64-17-5	
Ethyl acetate	**5.3**	ug/m3	1.5	0.26	2.02		07/01/22 18:06	141-78-6	
Ethylbenzene	**5.4**	ug/m3	1.8	0.62	2.02		07/01/22 18:06	100-41-4	
4-Ethyltoluene	**6.3**	ug/m3	5.0	0.95	2.02		07/01/22 18:06	622-96-8	
n-Heptane	**2.9**	ug/m3	1.7	0.37	2.02		07/01/22 18:06	142-82-5	
Hexachloro-1,3-butadiene	**<2.5**	ug/m3	10.9	2.5	2.02		07/01/22 18:06	87-68-3	
n-Hexane	**3.1**	ug/m3	1.4	0.39	2.02		07/01/22 18:06	110-54-3	
2-Hexanone	**1.6J**	ug/m3	8.4	0.89	2.02		07/01/22 18:06	591-78-6	
Methylene Chloride	**<1.2**	ug/m3	7.1	1.2	2.02		07/01/22 18:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	**1.2J**	ug/m3	8.4	0.65	2.02		07/01/22 18:06	108-10-1	
Methyl-tert-butyl ether	**<0.25**	ug/m3	7.4	0.25	2.02		07/01/22 18:06	1634-04-4	
Naphthalene	**5.3J**	ug/m3	5.4	4.4	2.02		07/01/22 18:06	91-20-3	
2-Propanol	**17.7**	ug/m3	5.0	1.0	2.02		07/01/22 18:06	67-63-0	
Propylene	**<0.26**	ug/m3	1.8	0.26	2.02		07/01/22 18:06	115-07-1	
Styrene	**<0.78**	ug/m3	1.7	0.78	2.02		07/01/22 18:06	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-18 **Lab ID: 10613371003** Collected: 06/16/22 09:09 Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	**<0.75**	ug/m3	2.8	0.75	2.02		07/01/22 18:06	79-34-5	
Tetrachloroethene	**14.6**	ug/m3	1.4	0.59	2.02		07/01/22 18:06	127-18-4	
Tetrahydrofuran	**<0.36**	ug/m3	1.2	0.36	2.02		07/01/22 18:06	109-99-9	
Toluene	**11.4**	ug/m3	1.5	0.49	2.02		07/01/22 18:06	108-88-3	
1,2,4-Trichlorobenzene	**<9.9**	ug/m3	15.2	9.9	2.02		07/01/22 18:06	120-82-1	
1,1,1-Trichloroethane	**36.3**	ug/m3	2.2	0.38	2.02		07/01/22 18:06	71-55-6	
1,1,2-Trichloroethane	**<0.40**	ug/m3	1.1	0.40	2.02		07/01/22 18:06	79-00-5	
Trichloroethene	**<0.40**	ug/m3	1.1	0.40	2.02		07/01/22 18:06	79-01-6	
Trichlorofluoromethane	**3.4**	ug/m3	2.3	0.47	2.02		07/01/22 18:06	75-69-4	
1,1,2-Trichlorotrifluoroethane	**1.3J**	ug/m3	3.2	0.58	2.02		07/01/22 18:06	76-13-1	
1,2,4-Trimethylbenzene	**22.4**	ug/m3	2.0	0.72	2.02		07/01/22 18:06	95-63-6	
1,3,5-Trimethylbenzene	**6.2**	ug/m3	2.0	0.59	2.02		07/01/22 18:06	108-67-8	
Vinyl acetate	**<0.42**	ug/m3	1.4	0.42	2.02		07/01/22 18:06	108-05-4	
Vinyl chloride	**<0.18**	ug/m3	0.53	0.18	2.02		07/01/22 18:06	75-01-4	
m&p-Xylene	**21.3**	ug/m3	3.6	1.3	2.02		07/01/22 18:06	179601-23-1	
o-Xylene	**9.1**	ug/m3	1.8	0.55	2.02		07/01/22 18:06	95-47-6	

Sample: VP-18 Cert# 3725 **Lab ID: 10613371004** Collected: Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**<1.8**	ug/m3	6.0	1.8	1		05/19/22 10:39	67-64-1	
Benzene	**<0.11**	ug/m3	0.32	0.11	1		05/19/22 10:39	71-43-2	
Benzyl chloride	**<0.89**	ug/m3	2.6	0.89	1		05/19/22 10:39	100-44-7	
Bromodichloromethane	**<0.24**	ug/m3	1.4	0.24	1		05/19/22 10:39	75-27-4	
Bromoform	**<1.6**	ug/m3	5.2	1.6	1		05/19/22 10:39	75-25-2	
Bromomethane	**<0.15**	ug/m3	0.79	0.15	1		05/19/22 10:39	74-83-9	
1,3-Butadiene	**<0.12**	ug/m3	0.45	0.12	1		05/19/22 10:39	106-99-0	
2-Butanone (MEK)	**<0.46**	ug/m3	3.0	0.46	1		05/19/22 10:39	78-93-3	
Carbon disulfide	**<0.13**	ug/m3	0.63	0.13	1		05/19/22 10:39	75-15-0	
Carbon tetrachloride	**<0.28**	ug/m3	3.2	0.28	1		05/19/22 10:39	56-23-5	
Chlorobenzene	**<0.16**	ug/m3	0.94	0.16	1		05/19/22 10:39	108-90-7	
Chloroethane	**<0.22**	ug/m3	0.54	0.22	1		05/19/22 10:39	75-00-3	
Chloroform	**<0.18**	ug/m3	0.50	0.18	1		05/19/22 10:39	67-66-3	
Chloromethane	**<0.085**	ug/m3	0.42	0.085	1		05/19/22 10:39	74-87-3	
Cyclohexane	**<0.22**	ug/m3	1.8	0.22	1		05/19/22 10:39	110-82-7	
Dibromochloromethane	**<0.52**	ug/m3	1.7	0.52	1		05/19/22 10:39	124-48-1	
1,2-Dibromoethane (EDB)	**<0.30**	ug/m3	0.78	0.30	1		05/19/22 10:39	106-93-4	
1,2-Dichlorobenzene	**<0.40**	ug/m3	3.1	0.40	1		05/19/22 10:39	95-50-1	
1,3-Dichlorobenzene	**<0.51**	ug/m3	3.1	0.51	1		05/19/22 10:39	541-73-1	
1,4-Dichlorobenzene	**<0.88**	ug/m3	3.1	0.88	1		05/19/22 10:39	106-46-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-18 Cert# 3725 **Lab ID: 10613371004** Collected: Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Dichlorodifluoromethane	**<0.19**	ug/m3	1.0	0.19	1		05/19/22 10:39	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/m3	0.82	0.16	1		05/19/22 10:39	75-34-3	
1,2-Dichloroethane	**<0.19**	ug/m3	0.82	0.19	1		05/19/22 10:39	107-06-2	
1,1-Dichloroethene	**<0.14**	ug/m3	0.81	0.14	1		05/19/22 10:39	75-35-4	
cis-1,2-Dichloroethene	**<0.20**	ug/m3	0.81	0.20	1		05/19/22 10:39	156-59-2	
trans-1,2-Dichloroethene	**<0.17**	ug/m3	0.81	0.17	1		05/19/22 10:39	156-60-5	
1,2-Dichloropropane	**<0.27**	ug/m3	0.94	0.27	1		05/19/22 10:39	78-87-5	
cis-1,3-Dichloropropene	**<0.26**	ug/m3	2.3	0.26	1		05/19/22 10:39	10061-01-5	
trans-1,3-Dichloropropene	**<0.54**	ug/m3	2.3	0.54	1		05/19/22 10:39	10061-02-6	
Dichlorotetrafluoroethane	**<0.20**	ug/m3	1.4	0.20	1		05/19/22 10:39	76-14-2	
Ethanol	**<0.59**	ug/m3	1.9	0.59	1		05/19/22 10:39	64-17-5	
Ethyl acetate	**<0.13**	ug/m3	0.73	0.13	1		05/19/22 10:39	141-78-6	
Ethylbenzene	**<0.31**	ug/m3	2.2	0.31	1		05/19/22 10:39	100-41-4	
4-Ethyltoluene	**<0.47**	ug/m3	2.5	0.47	1		05/19/22 10:39	622-96-8	
n-Heptane	**<0.18**	ug/m3	0.83	0.18	1		05/19/22 10:39	142-82-5	
Hexachloro-1,3-butadiene	**<1.2**	ug/m3	5.4	1.2	1		05/19/22 10:39	87-68-3	
n-Hexane	**<0.19**	ug/m3	0.72	0.19	1		05/19/22 10:39	110-54-3	
2-Hexanone	**<0.44**	ug/m3	4.2	0.44	1		05/19/22 10:39	591-78-6	
Methylene Chloride	**<0.59**	ug/m3	3.5	0.59	1		05/19/22 10:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.32**	ug/m3	4.2	0.32	1		05/19/22 10:39	108-10-1	
Methyl-tert-butyl ether	**<0.13**	ug/m3	3.7	0.13	1		05/19/22 10:39	1634-04-4	
Naphthalene	**<2.2**	ug/m3	2.7	2.2	1		05/19/22 10:39	91-20-3	
2-Propanol	**<0.51**	ug/m3	2.5	0.51	1		05/19/22 10:39	67-63-0	
Propylene	**<0.13**	ug/m3	0.88	0.13	1		05/19/22 10:39	115-07-1	
Styrene	**<0.38**	ug/m3	2.2	0.38	1		05/19/22 10:39	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.37**	ug/m3	1.4	0.37	1		05/19/22 10:39	79-34-5	
Tetrachloroethene	**<0.29**	ug/m3	0.69	0.29	1		05/19/22 10:39	127-18-4	
Tetrahydrofuran	**<0.18**	ug/m3	1.5	0.18	1		05/19/22 10:39	109-99-9	
Toluene	**<0.24**	ug/m3	0.77	0.24	1		05/19/22 10:39	108-88-3	
1,2,4-Trichlorobenzene	**<4.9**	ug/m3	15.1	4.9	1		05/19/22 10:39	120-82-1	
1,1,1-Trichloroethane	**<0.19**	ug/m3	1.1	0.19	1		05/19/22 10:39	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/m3	0.56	0.20	1		05/19/22 10:39	79-00-5	
Trichloroethene	**<0.20**	ug/m3	0.55	0.20	1		05/19/22 10:39	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/m3	1.1	0.23	1		05/19/22 10:39	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.29**	ug/m3	1.6	0.29	1		05/19/22 10:39	76-13-1	
1,2,4-Trimethylbenzene	**<0.35**	ug/m3	1.0	0.35	1		05/19/22 10:39	95-63-6	
1,3,5-Trimethylbenzene	**<0.29**	ug/m3	1.0	0.29	1		05/19/22 10:39	108-67-8	
Vinyl acetate	**<0.21**	ug/m3	0.72	0.21	1		05/19/22 10:39	108-05-4	
Vinyl chloride	**<0.087**	ug/m3	0.26	0.087	1		05/19/22 10:39	75-01-4	
m&p-Xylene	**<0.64**	ug/m3	1.8	0.64	1		05/19/22 10:39	179601-23-1	
o-Xylene	**<0.27**	ug/m3	0.88	0.27	1		05/19/22 10:39	95-47-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-6 **Lab ID: 10613371005** Collected: 06/16/22 09:34 Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**37.4**	ug/m3	11.7	3.5	1.94		07/01/22 03:25	67-64-1	
Benzene	**0.47J**	ug/m3	0.63	0.22	1.94		07/01/22 03:25	71-43-2	
Benzyl chloride	**<1.7**	ug/m3	5.1	1.7	1.94		07/01/22 03:25	100-44-7	
Bromodichloromethane	**<0.46**	ug/m3	2.6	0.46	1.94		07/01/22 03:25	75-27-4	
Bromoform	**<3.1**	ug/m3	10.2	3.1	1.94		07/01/22 03:25	75-25-2	
Bromomethane	**<0.29**	ug/m3	1.5	0.29	1.94		07/01/22 03:25	74-83-9	
1,3-Butadiene	**<0.23**	ug/m3	2.2	0.23	1.94		07/01/22 03:25	106-99-0	
2-Butanone (MEK)	**<0.90**	ug/m3	5.8	0.90	1.94		07/01/22 03:25	78-93-3	
Carbon disulfide	**3.5**	ug/m3	1.2	0.25	1.94		07/01/22 03:25	75-15-0	
Carbon tetrachloride	**<0.54**	ug/m3	2.5	0.54	1.94		07/01/22 03:25	56-23-5	
Chlorobenzene	**<0.30**	ug/m3	1.8	0.30	1.94		07/01/22 03:25	108-90-7	
Chloroethane	**<0.43**	ug/m3	2.6	0.43	1.94		07/01/22 03:25	75-00-3	
Chloroform	**<0.36**	ug/m3	0.96	0.36	1.94		07/01/22 03:25	67-66-3	
Chloromethane	**1.7**	ug/m3	0.81	0.17	1.94		07/01/22 03:25	74-87-3	
Cyclohexane	**12.4**	ug/m3	3.4	0.43	1.94		07/01/22 03:25	110-82-7	
Dibromochloromethane	**<1.0**	ug/m3	3.4	1.0	1.94		07/01/22 03:25	124-48-1	
1,2-Dibromoethane (EDB)	**<0.58**	ug/m3	1.5	0.58	1.94		07/01/22 03:25	106-93-4	
1,2-Dichlorobenzene	**<0.79**	ug/m3	5.9	0.79	1.94		07/01/22 03:25	95-50-1	
1,3-Dichlorobenzene	**6.7**	ug/m3	5.9	0.99	1.94		07/01/22 03:25	541-73-1	
1,4-Dichlorobenzene	**<1.7**	ug/m3	5.9	1.7	1.94		07/01/22 03:25	106-46-7	
Dichlorodifluoromethane	**2.6**	ug/m3	2.0	0.36	1.94		07/01/22 03:25	75-71-8	
1,1-Dichloroethane	**<0.32**	ug/m3	1.6	0.32	1.94		07/01/22 03:25	75-34-3	
1,2-Dichloroethane	**<0.38**	ug/m3	1.6	0.38	1.94		07/01/22 03:25	107-06-2	
1,1-Dichloroethene	**<0.27**	ug/m3	1.6	0.27	1.94		07/01/22 03:25	75-35-4	
cis-1,2-Dichloroethene	**<0.38**	ug/m3	1.6	0.38	1.94		07/01/22 03:25	156-59-2	
trans-1,2-Dichloroethene	**<0.33**	ug/m3	1.6	0.33	1.94		07/01/22 03:25	156-60-5	
1,2-Dichloropropane	**<0.52**	ug/m3	1.8	0.52	1.94		07/01/22 03:25	78-87-5	
cis-1,3-Dichloropropene	**<0.49**	ug/m3	4.5	0.49	1.94		07/01/22 03:25	10061-01-5	
trans-1,3-Dichloropropene	**<1.1**	ug/m3	4.5	1.1	1.94		07/01/22 03:25	10061-02-6	
Dichlorotetrafluoroethane	**<0.39**	ug/m3	2.8	0.39	1.94		07/01/22 03:25	76-14-2	
Ethanol	**80.7**	ug/m3	3.7	1.1	1.94		07/01/22 03:25	64-17-5	
Ethyl acetate	**4.7**	ug/m3	1.4	0.25	1.94		07/01/22 03:25	141-78-6	
Ethylbenzene	**4.4**	ug/m3	1.7	0.60	1.94		07/01/22 03:25	100-41-4	
4-Ethyltoluene	**2.9J**	ug/m3	4.8	0.92	1.94		07/01/22 03:25	622-96-8	
n-Heptane	**<0.35**	ug/m3	1.6	0.35	1.94		07/01/22 03:25	142-82-5	
Hexachloro-1,3-butadiene	**<2.4**	ug/m3	10.5	2.4	1.94		07/01/22 03:25	87-68-3	
n-Hexane	**1.8**	ug/m3	1.4	0.37	1.94		07/01/22 03:25	110-54-3	
2-Hexanone	**5.9J**	ug/m3	8.1	0.86	1.94		07/01/22 03:25	591-78-6	
Methylene Chloride	**<1.2**	ug/m3	6.8	1.2	1.94		07/01/22 03:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.62**	ug/m3	8.1	0.62	1.94		07/01/22 03:25	108-10-1	
Methyl-tert-butyl ether	**<0.24**	ug/m3	7.1	0.24	1.94		07/01/22 03:25	1634-04-4	
Naphthalene	**<4.2**	ug/m3	5.2	4.2	1.94		07/01/22 03:25	91-20-3	
2-Propanol	**14.0**	ug/m3	4.8	0.99	1.94		07/01/22 03:25	67-63-0	
Propylene	**<0.25**	ug/m3	1.7	0.25	1.94		07/01/22 03:25	115-07-1	
Styrene	**<0.75**	ug/m3	1.7	0.75	1.94		07/01/22 03:25	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-6 **Lab ID: 10613371005** Collected: 06/16/22 09:34 Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	**<0.72**	ug/m3	2.7	0.72	1.94		07/01/22 03:25	79-34-5	
Tetrachloroethene	**12.3**	ug/m3	2.7	0.57	1.94		07/01/22 03:25	127-18-4	
Tetrahydrofuran	**<0.35**	ug/m3	1.2	0.35	1.94		07/01/22 03:25	109-99-9	
Toluene	**9.4**	ug/m3	1.5	0.47	1.94		07/01/22 03:25	108-88-3	
1,2,4-Trichlorobenzene	**<9.5**	ug/m3	14.6	9.5	1.94		07/01/22 03:25	120-82-1	
1,1,1-Trichloroethane	**12.4**	ug/m3	2.2	0.36	1.94		07/01/22 03:25	71-55-6	
1,1,2-Trichloroethane	**<0.38**	ug/m3	2.2	0.38	1.94		07/01/22 03:25	79-00-5	
Trichloroethene	**<0.38**	ug/m3	2.1	0.38	1.94		07/01/22 03:25	79-01-6	
Trichlorofluoromethane	**3.9**	ug/m3	2.2	0.45	1.94		07/01/22 03:25	75-69-4	
1,1,2-Trichlorotrifluoroethane	**1.0J**	ug/m3	3.0	0.56	1.94		07/01/22 03:25	76-13-1	
1,2,4-Trimethylbenzene	**6.7**	ug/m3	4.8	0.69	1.94		07/01/22 03:25	95-63-6	
1,3,5-Trimethylbenzene	**3.4**	ug/m3	1.9	0.56	1.94		07/01/22 03:25	108-67-8	
Vinyl acetate	**<0.40**	ug/m3	1.4	0.40	1.94		07/01/22 03:25	108-05-4	
Vinyl chloride	**<0.17**	ug/m3	0.50	0.17	1.94		07/01/22 03:25	75-01-4	
m&p-Xylene	**17.5**	ug/m3	3.4	1.2	1.94		07/01/22 03:25	179601-23-1	
o-Xylene	**5.8**	ug/m3	1.7	0.53	1.94		07/01/22 03:25	95-47-6	

Sample: VP-6 Cert# 3236 **Lab ID: 10613371006** Collected: Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**<1.8**	ug/m3	6.0	1.8	1		05/18/22 10:22	67-64-1	
Benzene	**<0.11**	ug/m3	0.32	0.11	1		05/18/22 10:22	71-43-2	
Benzyl chloride	**<0.89**	ug/m3	2.6	0.89	1		05/18/22 10:22	100-44-7	
Bromodichloromethane	**<0.24**	ug/m3	1.4	0.24	1		05/18/22 10:22	75-27-4	
Bromoform	**<1.6**	ug/m3	5.2	1.6	1		05/18/22 10:22	75-25-2	
Bromomethane	**<0.15**	ug/m3	0.79	0.15	1		05/18/22 10:22	74-83-9	
1,3-Butadiene	**<0.12**	ug/m3	0.45	0.12	1		05/18/22 10:22	106-99-0	
2-Butanone (MEK)	**<0.46**	ug/m3	3.0	0.46	1		05/18/22 10:22	78-93-3	
Carbon disulfide	**<0.13**	ug/m3	0.63	0.13	1		05/18/22 10:22	75-15-0	
Carbon tetrachloride	**<0.28**	ug/m3	3.2	0.28	1		05/18/22 10:22	56-23-5	
Chlorobenzene	**<0.16**	ug/m3	0.94	0.16	1		05/18/22 10:22	108-90-7	
Chloroethane	**<0.22**	ug/m3	0.54	0.22	1		05/18/22 10:22	75-00-3	
Chloroform	**<0.18**	ug/m3	0.50	0.18	1		05/18/22 10:22	67-66-3	
Chloromethane	**<0.085**	ug/m3	0.42	0.085	1		05/18/22 10:22	74-87-3	
Cyclohexane	**<0.22**	ug/m3	1.8	0.22	1		05/18/22 10:22	110-82-7	
Dibromochloromethane	**<0.52**	ug/m3	1.7	0.52	1		05/18/22 10:22	124-48-1	
1,2-Dibromoethane (EDB)	**<0.30**	ug/m3	0.78	0.30	1		05/18/22 10:22	106-93-4	
1,2-Dichlorobenzene	**<0.40**	ug/m3	3.1	0.40	1		05/18/22 10:22	95-50-1	
1,3-Dichlorobenzene	**<0.51**	ug/m3	3.1	0.51	1		05/18/22 10:22	541-73-1	
1,4-Dichlorobenzene	**<0.88**	ug/m3	3.1	0.88	1		05/18/22 10:22	106-46-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-6 Cert# 3236 **Lab ID: 10613371006** Collected: Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Dichlorodifluoromethane	**<0.19**	ug/m3	1.0	0.19	1		05/18/22 10:22	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/m3	0.82	0.16	1		05/18/22 10:22	75-34-3	
1,2-Dichloroethane	**<0.19**	ug/m3	0.82	0.19	1		05/18/22 10:22	107-06-2	
1,1-Dichloroethene	**<0.14**	ug/m3	0.81	0.14	1		05/18/22 10:22	75-35-4	
cis-1,2-Dichloroethene	**<0.20**	ug/m3	0.81	0.20	1		05/18/22 10:22	156-59-2	
trans-1,2-Dichloroethene	**<0.17**	ug/m3	0.81	0.17	1		05/18/22 10:22	156-60-5	
1,2-Dichloropropane	**<0.27**	ug/m3	0.94	0.27	1		05/18/22 10:22	78-87-5	
cis-1,3-Dichloropropene	**<0.26**	ug/m3	2.3	0.26	1		05/18/22 10:22	10061-01-5	
trans-1,3-Dichloropropene	**<0.54**	ug/m3	2.3	0.54	1		05/18/22 10:22	10061-02-6	
Dichlorotetrafluoroethane	**<0.20**	ug/m3	1.4	0.20	1		05/18/22 10:22	76-14-2	
Ethanol	**<0.59**	ug/m3	1.9	0.59	1		05/18/22 10:22	64-17-5	
Ethyl acetate	**<0.13**	ug/m3	0.73	0.13	1		05/18/22 10:22	141-78-6	
Ethylbenzene	**<0.31**	ug/m3	2.2	0.31	1		05/18/22 10:22	100-41-4	
4-Ethyltoluene	**<0.47**	ug/m3	2.5	0.47	1		05/18/22 10:22	622-96-8	
n-Heptane	**<0.18**	ug/m3	0.83	0.18	1		05/18/22 10:22	142-82-5	
Hexachloro-1,3-butadiene	**<1.2**	ug/m3	5.4	1.2	1		05/18/22 10:22	87-68-3	
n-Hexane	**<0.19**	ug/m3	0.72	0.19	1		05/18/22 10:22	110-54-3	
2-Hexanone	**<0.44**	ug/m3	4.2	0.44	1		05/18/22 10:22	591-78-6	
Methylene Chloride	**<0.59**	ug/m3	3.5	0.59	1		05/18/22 10:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.32**	ug/m3	4.2	0.32	1		05/18/22 10:22	108-10-1	
Methyl-tert-butyl ether	**<0.13**	ug/m3	3.7	0.13	1		05/18/22 10:22	1634-04-4	
Naphthalene	**<2.2**	ug/m3	2.7	2.2	1		05/18/22 10:22	91-20-3	
2-Propanol	**<0.51**	ug/m3	2.5	0.51	1		05/18/22 10:22	67-63-0	
Propylene	**<0.13**	ug/m3	0.88	0.13	1		05/18/22 10:22	115-07-1	
Styrene	**<0.38**	ug/m3	2.2	0.38	1		05/18/22 10:22	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.37**	ug/m3	1.4	0.37	1		05/18/22 10:22	79-34-5	
Tetrachloroethene	**<0.29**	ug/m3	0.69	0.29	1		05/18/22 10:22	127-18-4	
Tetrahydrofuran	**<0.18**	ug/m3	1.5	0.18	1		05/18/22 10:22	109-99-9	
Toluene	**<0.24**	ug/m3	0.77	0.24	1		05/18/22 10:22	108-88-3	
1,2,4-Trichlorobenzene	**<4.9**	ug/m3	15.1	4.9	1		05/18/22 10:22	120-82-1	
1,1,1-Trichloroethane	**<0.19**	ug/m3	1.1	0.19	1		05/18/22 10:22	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/m3	0.56	0.20	1		05/18/22 10:22	79-00-5	
Trichloroethene	**<0.20**	ug/m3	0.55	0.20	1		05/18/22 10:22	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/m3	1.1	0.23	1		05/18/22 10:22	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.29**	ug/m3	1.6	0.29	1		05/18/22 10:22	76-13-1	
1,2,4-Trimethylbenzene	**<0.35**	ug/m3	1.0	0.35	1		05/18/22 10:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.29**	ug/m3	1.0	0.29	1		05/18/22 10:22	108-67-8	
Vinyl acetate	**<0.21**	ug/m3	0.72	0.21	1		05/18/22 10:22	108-05-4	
Vinyl chloride	**<0.087**	ug/m3	0.26	0.087	1		05/18/22 10:22	75-01-4	
m&p-Xylene	**<0.64**	ug/m3	1.8	0.64	1		05/18/22 10:22	179601-23-1	
o-Xylene	**<0.27**	ug/m3	0.88	0.27	1		05/18/22 10:22	95-47-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-19 **Lab ID: 10613371007** Collected: 06/16/22 09:45 Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**31.6**	ug/m3	13.2	4.0	2.19		07/01/22 18:42	67-64-1	SS
Benzene	**0.44J**	ug/m3	0.71	0.25	2.19		07/01/22 18:42	71-43-2	
Benzyl chloride	**<1.9**	ug/m3	5.8	1.9	2.19		07/01/22 18:42	100-44-7	
Bromodichloromethane	**<0.52**	ug/m3	3.0	0.52	2.19		07/01/22 18:42	75-27-4	
Bromoform	**<3.5**	ug/m3	11.5	3.5	2.19		07/01/22 18:42	75-25-2	
Bromomethane	**<0.33**	ug/m3	1.7	0.33	2.19		07/01/22 18:42	74-83-9	
1,3-Butadiene	**<0.26**	ug/m3	0.99	0.26	2.19		07/01/22 18:42	106-99-0	
2-Butanone (MEK)	**4.4J**	ug/m3	6.6	1.0	2.19		07/01/22 18:42	78-93-3	
Carbon disulfide	**0.42J**	ug/m3	1.4	0.28	2.19		07/01/22 18:42	75-15-0	
Carbon tetrachloride	**<0.61**	ug/m3	2.8	0.61	2.19		07/01/22 18:42	56-23-5	
Chlorobenzene	**0.41J**	ug/m3	2.0	0.34	2.19		07/01/22 18:42	108-90-7	
Chloroethane	**<0.49**	ug/m3	1.2	0.49	2.19		07/01/22 18:42	75-00-3	
Chloroform	**<0.40**	ug/m3	1.1	0.40	2.19		07/01/22 18:42	67-66-3	
Chloromethane	**0.86J**	ug/m3	0.92	0.19	2.19		07/01/22 18:42	74-87-3	
Cyclohexane	**10.2**	ug/m3	3.8	0.48	2.19		07/01/22 18:42	110-82-7	
Dibromochloromethane	**<1.1**	ug/m3	3.8	1.1	2.19		07/01/22 18:42	124-48-1	
1,2-Dibromoethane (EDB)	**<0.66**	ug/m3	1.7	0.66	2.19		07/01/22 18:42	106-93-4	
1,2-Dichlorobenzene	**<0.89**	ug/m3	6.7	0.89	2.19		07/01/22 18:42	95-50-1	
1,3-Dichlorobenzene	**7.7**	ug/m3	6.7	1.1	2.19		07/01/22 18:42	541-73-1	
1,4-Dichlorobenzene	**2.3J**	ug/m3	6.7	1.9	2.19		07/01/22 18:42	106-46-7	
Dichlorodifluoromethane	**4.8**	ug/m3	2.2	0.41	2.19		07/01/22 18:42	75-71-8	
1,1-Dichloroethane	**<0.36**	ug/m3	1.8	0.36	2.19		07/01/22 18:42	75-34-3	
1,2-Dichloroethane	**<0.42**	ug/m3	1.8	0.42	2.19		07/01/22 18:42	107-06-2	
1,1-Dichloroethene	**<0.30**	ug/m3	1.8	0.30	2.19		07/01/22 18:42	75-35-4	
cis-1,2-Dichloroethene	**<0.43**	ug/m3	1.8	0.43	2.19		07/01/22 18:42	156-59-2	
trans-1,2-Dichloroethene	**<0.37**	ug/m3	1.8	0.37	2.19		07/01/22 18:42	156-60-5	
1,2-Dichloropropane	**<0.59**	ug/m3	2.1	0.59	2.19		07/01/22 18:42	78-87-5	
cis-1,3-Dichloropropene	**<0.56**	ug/m3	5.1	0.56	2.19		07/01/22 18:42	10061-01-5	
trans-1,3-Dichloropropene	**<1.2**	ug/m3	5.1	1.2	2.19		07/01/22 18:42	10061-02-6	
Dichlorotetrafluoroethane	**<0.44**	ug/m3	3.1	0.44	2.19		07/01/22 18:42	76-14-2	
Ethanol	**62.3**	ug/m3	4.2	1.3	2.19		07/01/22 18:42	64-17-5	
Ethyl acetate	**4.8**	ug/m3	1.6	0.29	2.19		07/01/22 18:42	141-78-6	
Ethylbenzene	**2.8**	ug/m3	1.9	0.68	2.19		07/01/22 18:42	100-41-4	
4-Ethyltoluene	**1.7J**	ug/m3	5.5	1.0	2.19		07/01/22 18:42	622-96-8	
n-Heptane	**1.9**	ug/m3	1.8	0.40	2.19		07/01/22 18:42	142-82-5	
Hexachloro-1,3-butadiene	**3.3J**	ug/m3	11.9	2.7	2.19		07/01/22 18:42	87-68-3	
n-Hexane	**<0.42**	ug/m3	1.6	0.42	2.19		07/01/22 18:42	110-54-3	
2-Hexanone	**2.1J**	ug/m3	9.1	0.97	2.19		07/01/22 18:42	591-78-6	
Methylene Chloride	**<1.3**	ug/m3	7.7	1.3	2.19		07/01/22 18:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	**1.1J**	ug/m3	9.1	0.70	2.19		07/01/22 18:42	108-10-1	
Methyl-tert-butyl ether	**<0.28**	ug/m3	8.0	0.28	2.19		07/01/22 18:42	1634-04-4	
Naphthalene	**4.8J**	ug/m3	5.8	4.8	2.19		07/01/22 18:42	91-20-3	
2-Propanol	**16.1**	ug/m3	5.5	1.1	2.19		07/01/22 18:42	67-63-0	
Propylene	**2.0**	ug/m3	1.9	0.28	2.19		07/01/22 18:42	115-07-1	
Styrene	**<0.84**	ug/m3	1.9	0.84	2.19		07/01/22 18:42	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-19 **Lab ID: 10613371007** Collected: 06/16/22 09:45 Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	**<0.81**	ug/m3	3.1	0.81	2.19		07/01/22 18:42	79-34-5	
Tetrachloroethene	**9.5**	ug/m3	1.5	0.64	2.19		07/01/22 18:42	127-18-4	
Tetrahydrofuran	**<0.39**	ug/m3	1.3	0.39	2.19		07/01/22 18:42	109-99-9	
Toluene	**6.1**	ug/m3	1.7	0.53	2.19		07/01/22 18:42	108-88-3	
1,2,4-Trichlorobenzene	**<10.7**	ug/m3	16.5	10.7	2.19		07/01/22 18:42	120-82-1	
1,1,1-Trichloroethane	**0.71J**	ug/m3	2.4	0.41	2.19		07/01/22 18:42	71-55-6	
1,1,2-Trichloroethane	**<0.43**	ug/m3	1.2	0.43	2.19		07/01/22 18:42	79-00-5	
Trichloroethene	**<0.43**	ug/m3	1.2	0.43	2.19		07/01/22 18:42	79-01-6	
Trichlorofluoromethane	**4.3**	ug/m3	2.5	0.51	2.19		07/01/22 18:42	75-69-4	
1,1,2-Trichlorotrifluoroethane	**1.5J**	ug/m3	3.4	0.63	2.19		07/01/22 18:42	76-13-1	
1,2,4-Trimethylbenzene	**5.5**	ug/m3	2.2	0.78	2.19		07/01/22 18:42	95-63-6	
1,3,5-Trimethylbenzene	**3.0**	ug/m3	2.2	0.64	2.19		07/01/22 18:42	108-67-8	
Vinyl acetate	**<0.46**	ug/m3	1.6	0.46	2.19		07/01/22 18:42	108-05-4	
Vinyl chloride	**<0.19**	ug/m3	0.57	0.19	2.19		07/01/22 18:42	75-01-4	
m&p-Xylene	**10.5**	ug/m3	3.9	1.4	2.19		07/01/22 18:42	179601-23-1	
o-Xylene	**4.0**	ug/m3	1.9	0.59	2.19		07/01/22 18:42	95-47-6	

Sample: VP-19 Cert# 3088 **Lab ID: 10613371008** Collected: Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Acetone	**<1.8**	ug/m3	6.0	1.8	1		05/18/22 10:30	67-64-1	
Benzene	**<0.11**	ug/m3	0.32	0.11	1		05/18/22 10:30	71-43-2	
Benzyl chloride	**<0.89**	ug/m3	2.6	0.89	1		05/18/22 10:30	100-44-7	
Bromodichloromethane	**<0.24**	ug/m3	1.4	0.24	1		05/18/22 10:30	75-27-4	
Bromoform	**<1.6**	ug/m3	5.2	1.6	1		05/18/22 10:30	75-25-2	
Bromomethane	**<0.15**	ug/m3	0.79	0.15	1		05/18/22 10:30	74-83-9	
1,3-Butadiene	**<0.12**	ug/m3	0.45	0.12	1		05/18/22 10:30	106-99-0	
2-Butanone (MEK)	**<0.46**	ug/m3	3.0	0.46	1		05/18/22 10:30	78-93-3	
Carbon disulfide	**<0.13**	ug/m3	0.63	0.13	1		05/18/22 10:30	75-15-0	
Carbon tetrachloride	**<0.28**	ug/m3	1.3	0.28	1		05/18/22 10:30	56-23-5	
Chlorobenzene	**<0.16**	ug/m3	0.94	0.16	1		05/18/22 10:30	108-90-7	
Chloroethane	**<0.22**	ug/m3	1.3	0.22	1		05/18/22 10:30	75-00-3	
Chloroform	**<0.18**	ug/m3	0.50	0.18	1		05/18/22 10:30	67-66-3	
Chloromethane	**<0.085**	ug/m3	0.42	0.085	1		05/18/22 10:30	74-87-3	
Cyclohexane	**<0.22**	ug/m3	1.8	0.22	1		05/18/22 10:30	110-82-7	
Dibromochloromethane	**<0.52**	ug/m3	1.7	0.52	1		05/18/22 10:30	124-48-1	
1,2-Dibromoethane (EDB)	**<0.30**	ug/m3	0.78	0.30	1		05/18/22 10:30	106-93-4	
1,2-Dichlorobenzene	**<0.40**	ug/m3	3.1	0.40	1		05/18/22 10:30	95-50-1	
1,3-Dichlorobenzene	**<0.51**	ug/m3	3.1	0.51	1		05/18/22 10:30	541-73-1	
1,4-Dichlorobenzene	**<0.88**	ug/m3	3.1	0.88	1		05/18/22 10:30	106-46-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-19 Cert# 3088 **Lab ID: 10613371008** Collected: Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Dichlorodifluoromethane	**<0.19**	ug/m3	1.0	0.19	1		05/18/22 10:30	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/m3	0.82	0.16	1		05/18/22 10:30	75-34-3	
1,2-Dichloroethane	**<0.19**	ug/m3	0.82	0.19	1		05/18/22 10:30	107-06-2	
1,1-Dichloroethene	**<0.14**	ug/m3	0.81	0.14	1		05/18/22 10:30	75-35-4	
cis-1,2-Dichloroethene	**<0.20**	ug/m3	0.81	0.20	1		05/18/22 10:30	156-59-2	
trans-1,2-Dichloroethene	**<0.17**	ug/m3	0.81	0.17	1		05/18/22 10:30	156-60-5	
1,2-Dichloropropane	**<0.27**	ug/m3	0.94	0.27	1		05/18/22 10:30	78-87-5	
cis-1,3-Dichloropropene	**<0.26**	ug/m3	2.3	0.26	1		05/18/22 10:30	10061-01-5	
trans-1,3-Dichloropropene	**<0.54**	ug/m3	2.3	0.54	1		05/18/22 10:30	10061-02-6	
Dichlorotetrafluoroethane	**<0.20**	ug/m3	1.4	0.20	1		05/18/22 10:30	76-14-2	
Ethanol	**<0.59**	ug/m3	1.9	0.59	1		05/18/22 10:30	64-17-5	
Ethyl acetate	**<0.13**	ug/m3	0.73	0.13	1		05/18/22 10:30	141-78-6	
Ethylbenzene	**<0.31**	ug/m3	0.88	0.31	1		05/18/22 10:30	100-41-4	
4-Ethyltoluene	**<0.47**	ug/m3	2.5	0.47	1		05/18/22 10:30	622-96-8	
n-Heptane	**<0.18**	ug/m3	0.83	0.18	1		05/18/22 10:30	142-82-5	
Hexachloro-1,3-butadiene	**<1.2**	ug/m3	5.4	1.2	1		05/18/22 10:30	87-68-3	
n-Hexane	**<0.19**	ug/m3	0.72	0.19	1		05/18/22 10:30	110-54-3	
2-Hexanone	**<0.44**	ug/m3	4.2	0.44	1		05/18/22 10:30	591-78-6	
Methylene Chloride	**<0.59**	ug/m3	3.5	0.59	1		05/18/22 10:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.32**	ug/m3	4.2	0.32	1		05/18/22 10:30	108-10-1	
Methyl-tert-butyl ether	**<0.13**	ug/m3	3.7	0.13	1		05/18/22 10:30	1634-04-4	
Naphthalene	**<2.2**	ug/m3	2.7	2.2	1		05/18/22 10:30	91-20-3	
2-Propanol	**<0.51**	ug/m3	2.5	0.51	1		05/18/22 10:30	67-63-0	
Propylene	**<0.13**	ug/m3	0.88	0.13	1		05/18/22 10:30	115-07-1	
Styrene	**<0.38**	ug/m3	2.2	0.38	1		05/18/22 10:30	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.37**	ug/m3	1.4	0.37	1		05/18/22 10:30	79-34-5	
Tetrachloroethene	**<0.29**	ug/m3	0.69	0.29	1		05/18/22 10:30	127-18-4	
Tetrahydrofuran	**<0.18**	ug/m3	0.60	0.18	1		05/18/22 10:30	109-99-9	
Toluene	**<0.24**	ug/m3	0.77	0.24	1		05/18/22 10:30	108-88-3	
1,2,4-Trichlorobenzene	**4.9J**	ug/m3	7.5	4.9	1		05/18/22 10:30	120-82-1	
1,1,1-Trichloroethane	**<0.19**	ug/m3	1.1	0.19	1		05/18/22 10:30	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/m3	0.56	0.20	1		05/18/22 10:30	79-00-5	
Trichloroethene	**<0.20**	ug/m3	0.55	0.20	1		05/18/22 10:30	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/m3	1.1	0.23	1		05/18/22 10:30	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.29**	ug/m3	1.6	0.29	1		05/18/22 10:30	76-13-1	
1,2,4-Trimethylbenzene	**<0.35**	ug/m3	2.5	0.35	1		05/18/22 10:30	95-63-6	
1,3,5-Trimethylbenzene	**<0.29**	ug/m3	1.0	0.29	1		05/18/22 10:30	108-67-8	
Vinyl acetate	**<0.21**	ug/m3	0.72	0.21	1		05/18/22 10:30	108-05-4	
Vinyl chloride	**<0.087**	ug/m3	0.26	0.087	1		05/18/22 10:30	75-01-4	
m&p-Xylene	**<0.64**	ug/m3	1.8	0.64	1		05/18/22 10:30	179601-23-1	
o-Xylene	**<0.27**	ug/m3	0.88	0.27	1		05/18/22 10:30	95-47-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-20 **Lab ID: 10613371009** Collected: 06/16/22 10:01 Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**86.0**	ug/m3	12.2	3.7	2.02		07/01/22 04:33	67-64-1	
Benzene	**0.75**	ug/m3	0.66	0.23	2.02		07/01/22 04:33	71-43-2	
Benzyl chloride	**<1.8**	ug/m3	5.3	1.8	2.02		07/01/22 04:33	100-44-7	
Bromodichloromethane	**<0.48**	ug/m3	2.7	0.48	2.02		07/01/22 04:33	75-27-4	
Bromoform	**<3.3**	ug/m3	10.6	3.3	2.02		07/01/22 04:33	75-25-2	
Bromomethane	**<0.30**	ug/m3	1.6	0.30	2.02		07/01/22 04:33	74-83-9	
1,3-Butadiene	**<0.24**	ug/m3	2.3	0.24	2.02		07/01/22 04:33	106-99-0	
2-Butanone (MEK)	**11.8**	ug/m3	6.1	0.94	2.02		07/01/22 04:33	78-93-3	
Carbon disulfide	**<0.26**	ug/m3	1.3	0.26	2.02		07/01/22 04:33	75-15-0	
Carbon tetrachloride	**<0.57**	ug/m3	2.6	0.57	2.02		07/01/22 04:33	56-23-5	
Chlorobenzene	**<0.31**	ug/m3	1.9	0.31	2.02		07/01/22 04:33	108-90-7	
Chloroethane	**<0.45**	ug/m3	2.7	0.45	2.02		07/01/22 04:33	75-00-3	
Chloroform	**<0.37**	ug/m3	1.0	0.37	2.02		07/01/22 04:33	67-66-3	
Chloromethane	**<0.17**	ug/m3	0.85	0.17	2.02		07/01/22 04:33	74-87-3	
Cyclohexane	**<0.45**	ug/m3	3.5	0.45	2.02		07/01/22 04:33	110-82-7	
Dibromochloromethane	**<1.0**	ug/m3	3.5	1.0	2.02		07/01/22 04:33	124-48-1	
1,2-Dibromoethane (EDB)	**<0.61**	ug/m3	1.6	0.61	2.02		07/01/22 04:33	106-93-4	
1,2-Dichlorobenzene	**<0.82**	ug/m3	6.2	0.82	2.02		07/01/22 04:33	95-50-1	
1,3-Dichlorobenzene	**8.0**	ug/m3	6.2	1.0	2.02		07/01/22 04:33	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/m3	6.2	1.8	2.02		07/01/22 04:33	106-46-7	
Dichlorodifluoromethane	**3.4**	ug/m3	2.0	0.38	2.02		07/01/22 04:33	75-71-8	
1,1-Dichloroethane	**<0.33**	ug/m3	1.7	0.33	2.02		07/01/22 04:33	75-34-3	
1,2-Dichloroethane	**<0.39**	ug/m3	1.7	0.39	2.02		07/01/22 04:33	107-06-2	
1,1-Dichloroethene	**<0.28**	ug/m3	1.6	0.28	2.02		07/01/22 04:33	75-35-4	
cis-1,2-Dichloroethene	**<0.39**	ug/m3	1.6	0.39	2.02		07/01/22 04:33	156-59-2	
trans-1,2-Dichloroethene	**<0.34**	ug/m3	1.6	0.34	2.02		07/01/22 04:33	156-60-5	
1,2-Dichloropropane	**<0.54**	ug/m3	1.9	0.54	2.02		07/01/22 04:33	78-87-5	
cis-1,3-Dichloropropene	**<0.52**	ug/m3	4.7	0.52	2.02		07/01/22 04:33	10061-01-5	
trans-1,3-Dichloropropene	**<1.1**	ug/m3	4.7	1.1	2.02		07/01/22 04:33	10061-02-6	
Dichlorotetrafluoroethane	**<0.41**	ug/m3	2.9	0.41	2.02		07/01/22 04:33	76-14-2	
Ethanol	**145**	ug/m3	3.9	1.2	2.02		07/01/22 04:33	64-17-5	
Ethyl acetate	**6.9**	ug/m3	1.5	0.26	2.02		07/01/22 04:33	141-78-6	
Ethylbenzene	**3.1**	ug/m3	1.8	0.62	2.02		07/01/22 04:33	100-41-4	
4-Ethyltoluene	**2.5J**	ug/m3	5.0	0.95	2.02		07/01/22 04:33	622-96-8	
n-Heptane	**<0.37**	ug/m3	1.7	0.37	2.02		07/01/22 04:33	142-82-5	
Hexachloro-1,3-butadiene	**<2.5**	ug/m3	10.9	2.5	2.02		07/01/22 04:33	87-68-3	
n-Hexane	**1.6**	ug/m3	1.4	0.39	2.02		07/01/22 04:33	110-54-3	
2-Hexanone	**5.5J**	ug/m3	8.4	0.89	2.02		07/01/22 04:33	591-78-6	
Methylene Chloride	**<1.2**	ug/m3	7.1	1.2	2.02		07/01/22 04:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.65**	ug/m3	8.4	0.65	2.02		07/01/22 04:33	108-10-1	
Methyl-tert-butyl ether	**0.40J**	ug/m3	7.4	0.25	2.02		07/01/22 04:33	1634-04-4	
Naphthalene	**<4.4**	ug/m3	5.4	4.4	2.02		07/01/22 04:33	91-20-3	
2-Propanol	**44.6**	ug/m3	5.0	1.0	2.02		07/01/22 04:33	67-63-0	
Propylene	**<0.26**	ug/m3	1.8	0.26	2.02		07/01/22 04:33	115-07-1	
Styrene	**1.5J**	ug/m3	1.7	0.78	2.02		07/01/22 04:33	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-20 **Lab ID: 10613371009** Collected: 06/16/22 10:01 Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	**<0.75**	ug/m3	2.8	0.75	2.02		07/01/22 04:33	79-34-5	
Tetrachloroethene	**6.7**	ug/m3	2.8	0.59	2.02		07/01/22 04:33	127-18-4	
Tetrahydrofuran	**<0.36**	ug/m3	1.2	0.36	2.02		07/01/22 04:33	109-99-9	
Toluene	**8.1**	ug/m3	1.5	0.49	2.02		07/01/22 04:33	108-88-3	
1,2,4-Trichlorobenzene	**<9.9**	ug/m3	15.2	9.9	2.02		07/01/22 04:33	120-82-1	
1,1,1-Trichloroethane	**0.65J**	ug/m3	2.2	0.38	2.02		07/01/22 04:33	71-55-6	
1,1,2-Trichloroethane	**<0.40**	ug/m3	2.2	0.40	2.02		07/01/22 04:33	79-00-5	
Trichloroethene	**<0.40**	ug/m3	2.2	0.40	2.02		07/01/22 04:33	79-01-6	
Trichlorofluoromethane	**3.1**	ug/m3	2.3	0.47	2.02		07/01/22 04:33	75-69-4	
1,1,2-Trichlorotrifluoroethane	**1.1J**	ug/m3	3.2	0.58	2.02		07/01/22 04:33	76-13-1	
1,2,4-Trimethylbenzene	**4.7J**	ug/m3	5.0	0.72	2.02		07/01/22 04:33	95-63-6	
1,3,5-Trimethylbenzene	**2.8**	ug/m3	2.0	0.59	2.02		07/01/22 04:33	108-67-8	
Vinyl acetate	**<0.42**	ug/m3	1.4	0.42	2.02		07/01/22 04:33	108-05-4	
Vinyl chloride	**<0.18**	ug/m3	0.53	0.18	2.02		07/01/22 04:33	75-01-4	
m&p-Xylene	**13.1**	ug/m3	3.6	1.3	2.02		07/01/22 04:33	179601-23-1	
o-Xylene	**4.6**	ug/m3	1.8	0.55	2.02		07/01/22 04:33	95-47-6	

Sample: VP-20 Cert# 2239 **Lab ID: 10613371010** Collected: Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**<1.8**	ug/m3	6.0	1.8	1		05/18/22 11:12	67-64-1	
Benzene	**<0.11**	ug/m3	0.32	0.11	1		05/18/22 11:12	71-43-2	
Benzyl chloride	**<0.89**	ug/m3	2.6	0.89	1		05/18/22 11:12	100-44-7	
Bromodichloromethane	**<0.24**	ug/m3	1.4	0.24	1		05/18/22 11:12	75-27-4	
Bromoform	**<1.6**	ug/m3	5.2	1.6	1		05/18/22 11:12	75-25-2	
Bromomethane	**<0.15**	ug/m3	0.79	0.15	1		05/18/22 11:12	74-83-9	
1,3-Butadiene	**<0.12**	ug/m3	0.45	0.12	1		05/18/22 11:12	106-99-0	
2-Butanone (MEK)	**<0.46**	ug/m3	3.0	0.46	1		05/18/22 11:12	78-93-3	
Carbon disulfide	**<0.13**	ug/m3	0.63	0.13	1		05/18/22 11:12	75-15-0	
Carbon tetrachloride	**<0.28**	ug/m3	1.3	0.28	1		05/18/22 11:12	56-23-5	
Chlorobenzene	**<0.16**	ug/m3	0.94	0.16	1		05/18/22 11:12	108-90-7	
Chloroethane	**<0.22**	ug/m3	1.3	0.22	1		05/18/22 11:12	75-00-3	
Chloroform	**<0.18**	ug/m3	0.50	0.18	1		05/18/22 11:12	67-66-3	
Chloromethane	**<0.085**	ug/m3	0.42	0.085	1		05/18/22 11:12	74-87-3	
Cyclohexane	**<0.22**	ug/m3	1.8	0.22	1		05/18/22 11:12	110-82-7	
Dibromochloromethane	**<0.52**	ug/m3	1.7	0.52	1		05/18/22 11:12	124-48-1	
1,2-Dibromoethane (EDB)	**<0.30**	ug/m3	0.78	0.30	1		05/18/22 11:12	106-93-4	
1,2-Dichlorobenzene	**<0.40**	ug/m3	3.1	0.40	1		05/18/22 11:12	95-50-1	
1,3-Dichlorobenzene	**<0.51**	ug/m3	3.1	0.51	1		05/18/22 11:12	541-73-1	
1,4-Dichlorobenzene	**<0.88**	ug/m3	3.1	0.88	1		05/18/22 11:12	106-46-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Sample: VP-20 Cert# 2239 **Lab ID: 10613371010** Collected: Received: 06/17/22 11:15 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Individual Can Certification	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Dichlorodifluoromethane	**<0.19**	ug/m3	1.0	0.19	1		05/18/22 11:12	75-71-8	
1,1-Dichloroethane	**<0.16**	ug/m3	0.82	0.16	1		05/18/22 11:12	75-34-3	
1,2-Dichloroethane	**<0.19**	ug/m3	0.82	0.19	1		05/18/22 11:12	107-06-2	
1,1-Dichloroethene	**<0.14**	ug/m3	0.81	0.14	1		05/18/22 11:12	75-35-4	
cis-1,2-Dichloroethene	**<0.20**	ug/m3	0.81	0.20	1		05/18/22 11:12	156-59-2	
trans-1,2-Dichloroethene	**<0.17**	ug/m3	0.81	0.17	1		05/18/22 11:12	156-60-5	
1,2-Dichloropropane	**<0.27**	ug/m3	0.94	0.27	1		05/18/22 11:12	78-87-5	
cis-1,3-Dichloropropene	**<0.26**	ug/m3	2.3	0.26	1		05/18/22 11:12	10061-01-5	
trans-1,3-Dichloropropene	**<0.54**	ug/m3	2.3	0.54	1		05/18/22 11:12	10061-02-6	
Dichlorotetrafluoroethane	**<0.20**	ug/m3	1.4	0.20	1		05/18/22 11:12	76-14-2	
Ethanol	**<0.59**	ug/m3	1.9	0.59	1		05/18/22 11:12	64-17-5	
Ethyl acetate	**<0.13**	ug/m3	0.73	0.13	1		05/18/22 11:12	141-78-6	
Ethylbenzene	**<0.31**	ug/m3	0.88	0.31	1		05/18/22 11:12	100-41-4	
4-Ethyltoluene	**<0.47**	ug/m3	2.5	0.47	1		05/18/22 11:12	622-96-8	
n-Heptane	**<0.18**	ug/m3	0.83	0.18	1		05/18/22 11:12	142-82-5	
Hexachloro-1,3-butadiene	**<1.2**	ug/m3	5.4	1.2	1		05/18/22 11:12	87-68-3	
n-Hexane	**<0.19**	ug/m3	0.72	0.19	1		05/18/22 11:12	110-54-3	
2-Hexanone	**<0.44**	ug/m3	4.2	0.44	1		05/18/22 11:12	591-78-6	
Methylene Chloride	**<0.59**	ug/m3	3.5	0.59	1		05/18/22 11:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.32**	ug/m3	4.2	0.32	1		05/18/22 11:12	108-10-1	
Methyl-tert-butyl ether	**<0.13**	ug/m3	3.7	0.13	1		05/18/22 11:12	1634-04-4	
Naphthalene	**<2.2**	ug/m3	2.7	2.2	1		05/18/22 11:12	91-20-3	
2-Propanol	**<0.51**	ug/m3	2.5	0.51	1		05/18/22 11:12	67-63-0	
Propylene	**<0.13**	ug/m3	0.88	0.13	1		05/18/22 11:12	115-07-1	
Styrene	**<0.38**	ug/m3	2.2	0.38	1		05/18/22 11:12	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.37**	ug/m3	1.4	0.37	1		05/18/22 11:12	79-34-5	
Tetrachloroethene	**<0.29**	ug/m3	0.69	0.29	1		05/18/22 11:12	127-18-4	
Tetrahydrofuran	**<0.18**	ug/m3	0.60	0.18	1		05/18/22 11:12	109-99-9	
Toluene	**<0.24**	ug/m3	0.77	0.24	1		05/18/22 11:12	108-88-3	
1,2,4-Trichlorobenzene	**<4.9**	ug/m3	7.5	4.9	1		05/18/22 11:12	120-82-1	
1,1,1-Trichloroethane	**<0.19**	ug/m3	1.1	0.19	1		05/18/22 11:12	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/m3	0.56	0.20	1		05/18/22 11:12	79-00-5	
Trichloroethene	**<0.20**	ug/m3	0.55	0.20	1		05/18/22 11:12	79-01-6	
Trichlorofluoromethane	**<0.23**	ug/m3	1.1	0.23	1		05/18/22 11:12	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.29**	ug/m3	1.6	0.29	1		05/18/22 11:12	76-13-1	
1,2,4-Trimethylbenzene	**<0.35**	ug/m3	2.5	0.35	1		05/18/22 11:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.29**	ug/m3	1.0	0.29	1		05/18/22 11:12	108-67-8	
Vinyl acetate	**<0.21**	ug/m3	0.72	0.21	1		05/18/22 11:12	108-05-4	
Vinyl chloride	**<0.087**	ug/m3	0.26	0.087	1		05/18/22 11:12	75-01-4	
m&p-Xylene	**<0.64**	ug/m3	1.8	0.64	1		05/18/22 11:12	179601-23-1	
o-Xylene	**<0.27**	ug/m3	0.88	0.27	1		05/18/22 11:12	95-47-6	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

QC Batch: 825545
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10613371001, 10613371005, 10613371009

METHOD BLANK: 4372479 Matrix: Air
Associated Lab Samples: 10613371001, 10613371005, 10613371009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.093	0.56	06/30/22 18:54	
1,1,2,2-Tetrachloroethane	ug/m3	<0.19	0.70	06/30/22 18:54	
1,1,2-Trichloroethane	ug/m3	<0.098	0.55	06/30/22 18:54	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.14	0.78	06/30/22 18:54	
1,1-Dichloroethane	ug/m3	<0.082	0.41	06/30/22 18:54	
1,1-Dichloroethene	ug/m3	<0.069	0.40	06/30/22 18:54	
1,2,4-Trichlorobenzene	ug/m3	<2.4	3.8	06/30/22 18:54	
1,2,4-Trimethylbenzene	ug/m3	<0.18	1.2	06/30/22 18:54	
1,2-Dibromoethane (EDB)	ug/m3	<0.15	0.39	06/30/22 18:54	
1,2-Dichlorobenzene	ug/m3	<0.20	1.5	06/30/22 18:54	
1,2-Dichloroethane	ug/m3	<0.097	0.41	06/30/22 18:54	
1,2-Dichloropropane	ug/m3	<0.13	0.47	06/30/22 18:54	
1,3,5-Trimethylbenzene	ug/m3	<0.14	0.50	06/30/22 18:54	
1,3-Butadiene	ug/m3	<0.060	0.56	06/30/22 18:54	
1,3-Dichlorobenzene	ug/m3	<0.25	1.5	06/30/22 18:54	
1,4-Dichlorobenzene	ug/m3	<0.44	1.5	06/30/22 18:54	
2-Butanone (MEK)	ug/m3	<0.23	1.5	06/30/22 18:54	
2-Hexanone	ug/m3	<0.22	2.1	06/30/22 18:54	
2-Propanol	ug/m3	<0.25	1.2	06/30/22 18:54	
4-Ethyltoluene	ug/m3	<0.24	1.2	06/30/22 18:54	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.16	2.1	06/30/22 18:54	
Acetone	ug/m3	<0.90	3.0	06/30/22 18:54	
Benzene	ug/m3	<0.057	0.16	06/30/22 18:54	
Benzyl chloride	ug/m3	<0.44	1.3	06/30/22 18:54	
Bromodichloromethane	ug/m3	<0.12	0.68	06/30/22 18:54	
Bromoform	ug/m3	<0.81	2.6	06/30/22 18:54	
Bromomethane	ug/m3	<0.075	0.39	06/30/22 18:54	
Carbon disulfide	ug/m3	<0.064	0.32	06/30/22 18:54	
Carbon tetrachloride	ug/m3	<0.14	0.64	06/30/22 18:54	
Chlorobenzene	ug/m3	<0.078	0.47	06/30/22 18:54	
Chloroethane	ug/m3	<0.11	0.67	06/30/22 18:54	
Chloroform	ug/m3	<0.092	0.25	06/30/22 18:54	
Chloromethane	ug/m3	<0.043	0.21	06/30/22 18:54	
cis-1,2-Dichloroethene	ug/m3	<0.098	0.40	06/30/22 18:54	
cis-1,3-Dichloropropene	ug/m3	<0.13	1.2	06/30/22 18:54	
Cyclohexane	ug/m3	<0.11	0.88	06/30/22 18:54	
Dibromochloromethane	ug/m3	<0.26	0.86	06/30/22 18:54	
Dichlorodifluoromethane	ug/m3	<0.094	0.50	06/30/22 18:54	
Dichlorotetrafluoroethane	ug/m3	<0.10	0.71	06/30/22 18:54	
Ethanol	ug/m3	<0.30	0.96	06/30/22 18:54	

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
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

METHOD BLANK: 4372479 Matrix: Air
Associated Lab Samples: 10613371001, 10613371005, 10613371009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.066	0.37	06/30/22 18:54	
Ethylbenzene	ug/m3	<0.15	0.44	06/30/22 18:54	
Hexachloro-1,3-butadiene	ug/m3	<0.62	2.7	06/30/22 18:54	
m&p-Xylene	ug/m3	<0.32	0.88	06/30/22 18:54	
Methyl-tert-butyl ether	ug/m3	<0.063	1.8	06/30/22 18:54	
Methylene Chloride	ug/m3	<0.30	1.8	06/30/22 18:54	
n-Heptane	ug/m3	<0.090	0.42	06/30/22 18:54	
n-Hexane	ug/m3	<0.096	0.36	06/30/22 18:54	
Naphthalene	ug/m3	<1.1	1.3	06/30/22 18:54	
o-Xylene	ug/m3	<0.14	0.44	06/30/22 18:54	
Propylene	ug/m3	<0.065	0.44	06/30/22 18:54	
Styrene	ug/m3	<0.19	0.43	06/30/22 18:54	
Tetrachloroethene	ug/m3	<0.15	0.69	06/30/22 18:54	
Tetrahydrofuran	ug/m3	<0.090	0.30	06/30/22 18:54	
Toluene	ug/m3	<0.12	0.38	06/30/22 18:54	
trans-1,2-Dichloroethene	ug/m3	<0.084	0.40	06/30/22 18:54	
trans-1,3-Dichloropropene	ug/m3	<0.27	1.2	06/30/22 18:54	
Trichloroethene	ug/m3	<0.098	0.55	06/30/22 18:54	
Trichlorofluoromethane	ug/m3	<0.12	0.57	06/30/22 18:54	
Vinyl acetate	ug/m3	<0.10	0.36	06/30/22 18:54	
Vinyl chloride	ug/m3	<0.043	0.13	06/30/22 18:54	

LABORATORY CONTROL SAMPLE: 4372480

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	71.2	73.8	104	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	90.7	98.6	109	70-132	
1,1,2-Trichloroethane	ug/m3	70.5	86.3	122	70-131	
1,1,2-Trichlorotrifluoroethane	ug/m3	103	94.2	92	70-130	
1,1-Dichloroethane	ug/m3	56.4	58.6	104	70-130	
1,1-Dichloroethene	ug/m3	54	52.2	97	70-130	
1,2,4-Trichlorobenzene	ug/m3	102	125	122	70-130	
1,2,4-Trimethylbenzene	ug/m3	65.9	64.8	98	70-137	
1,2-Dibromoethane (EDB)	ug/m3	99.8	107	107	70-137	
1,2-Dichlorobenzene	ug/m3	80.3	80.2	100	70-131	
1,2-Dichloroethane	ug/m3	54.9	62.6	114	70-134	
1,2-Dichloropropane	ug/m3	61.4	67.8	110	70-130	
1,3,5-Trimethylbenzene	ug/m3	65.6	65.4	100	70-131	
1,3-Butadiene	ug/m3	29.9	33.0	110	70-139	
1,3-Dichlorobenzene	ug/m3	79.9	78.2	98	70-134	
1,4-Dichlorobenzene	ug/m3	80.5	79.9	99	70-131	
2-Butanone (MEK)	ug/m3	40.2	42.6	106	70-133	
2-Hexanone	ug/m3	55.6	57.0	102	70-136	
2-Propanol	ug/m3	36	38.0	105	65-133	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

LABORATORY CONTROL SAMPLE: 4372480

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	65.9	66.2	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/m3	54.6	60.0	110	70-130	
Acetone	ug/m3	30.3	31.1	103	60-134	
Benzene	ug/m3	42.5	46.4	109	70-130	
Benzyl chloride	ug/m3	72.8	72.8	100	70-130	
Bromodichloromethane	ug/m3	89.3	102	114	70-130	
Bromoform	ug/m3	138	135	98	70-138	
Bromomethane	ug/m3	51.1	53.7	105	68-131	
Carbon disulfide	ug/m3	43.4	43.8	101	70-130	
Carbon tetrachloride	ug/m3	84.6	87.0	103	70-132	
Chlorobenzene	ug/m3	61.3	71.7	117	70-130	
Chloroethane	ug/m3	34.8	40.1	115	70-134	
Chloroform	ug/m3	64.1	67.5	105	70-130	
Chloromethane	ug/m3	27	29.0	107	68-131	
cis-1,2-Dichloroethene	ug/m3	52.9	50.6	96	70-136	
cis-1,3-Dichloropropene	ug/m3	60.7	72.4	119	70-130	
Cyclohexane	ug/m3	45.7	54.0	118	70-131	
Dibromochloromethane	ug/m3	114	126	111	70-134	
Dichlorodifluoromethane	ug/m3	65.6	67.5	103	70-130	
Dichlorotetrafluoroethane	ug/m3	92.8	92.5	100	70-130	
Ethanol	ug/m3	28.5	33.5	117	55-145	
Ethyl acetate	ug/m3	47.3	45.7	97	70-135	
Ethylbenzene	ug/m3	57.9	72.4	125	70-133	
Hexachloro-1,3-butadiene	ug/m3	148	183	123	70-132	
m&p-Xylene	ug/m3	115	142	123	70-134	
Methyl-tert-butyl ether	ug/m3	48.3	48.8	101	70-131	
Methylene Chloride	ug/m3	47	48.4	103	65-132	
n-Heptane	ug/m3	54.4	65.9	121	70-130	
n-Hexane	ug/m3	46.4	50.9	110	70-132	
Naphthalene	ug/m3	73.1	89.4	122	70-130	
o-Xylene	ug/m3	57.3	57.4	100	70-134	
Propylene	ug/m3	23.3	27.2	117	69-133	
Styrene	ug/m3	56.9	57.0	100	70-135	
Tetrachloroethene	ug/m3	89.8	101	113	70-134	
Tetrahydrofuran	ug/m3	39.7	45.2	114	70-140	
Toluene	ug/m3	51	60.4	118	70-136	
trans-1,2-Dichloroethene	ug/m3	53.2	55.0	104	70-134	
trans-1,3-Dichloropropene	ug/m3	59.4	65.4	110	70-131	
Trichloroethene	ug/m3	71.7	74.2	104	70-134	
Trichlorofluoromethane	ug/m3	77.7	70.3	90	63-130	
Vinyl acetate	ug/m3	51.1	62.8	123	70-139	
Vinyl chloride	ug/m3	33.5	39.8	119	70-132	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

SAMPLE DUPLICATE: 4373528

Parameter	Units	10613352002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.33		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.67		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.35		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	0.92J		25	
1,1-Dichloroethane	ug/m3	ND	<0.30		25	
1,1-Dichloroethene	ug/m3	ND	<0.25		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<8.8		25	
1,2,4-Trimethylbenzene	ug/m3	8.1	8.2	1	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.54		25	
1,2-Dichlorobenzene	ug/m3	ND	<0.73		25	
1,2-Dichloroethane	ug/m3	ND	<0.35		25	
1,2-Dichloropropane	ug/m3	ND	<0.48		25	
1,3,5-Trimethylbenzene	ug/m3	3.3	3.2	5	25	
1,3-Butadiene	ug/m3	ND	<0.22		25	
1,3-Dichlorobenzene	ug/m3	ND	<0.92		25	
1,4-Dichlorobenzene	ug/m3	ND	<1.6		25	
2-Butanone (MEK)	ug/m3	5.5	5.0J		25	
2-Hexanone	ug/m3	ND	<0.80		25	
2-Propanol	ug/m3	6.2	5.4	14	25	
4-Ethyltoluene	ug/m3	ND	3.3J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	<0.58		25	
Acetone	ug/m3	25.1	22.0	13	25	
Benzene	ug/m3	0.90	0.88	3	25	
Benzyl chloride	ug/m3	ND	<1.6		25	
Bromodichloromethane	ug/m3	ND	<0.43		25	
Bromoform	ug/m3	ND	<2.9		25	
Bromomethane	ug/m3	ND	<0.27		25	
Carbon disulfide	ug/m3	ND	0.94J		25	
Carbon tetrachloride	ug/m3	ND	<0.50		25	
Chlorobenzene	ug/m3	ND	<0.28		25	
Chloroethane	ug/m3	ND	<0.40		25	
Chloroform	ug/m3	ND	<0.33		25	
Chloromethane	ug/m3	1.2	0.96	24	25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.35		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.46		25	
Cyclohexane	ug/m3	ND	1.7J		25	
Dibromochloromethane	ug/m3	ND	<0.93		25	
Dichlorodifluoromethane	ug/m3	3.1	2.7	16	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.36		25	
Ethanol	ug/m3	72.2	62.7	14	25	
Ethyl acetate	ug/m3	ND	<0.24		25	
Ethylbenzene	ug/m3	5.4	5.3	2	25	
Hexachloro-1,3-butadiene	ug/m3	ND	<2.2		25	
m&p-Xylene	ug/m3	23.5	23.9	2	25	
Methyl-tert-butyl ether	ug/m3	ND	0.29J		25	
Methylene Chloride	ug/m3	ND	<1.1		25	
n-Heptane	ug/m3	ND	<0.33		25	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

SAMPLE DUPLICATE: 4373528

Parameter	Units	10613352002 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	3.2	3.5	8	25	
Naphthalene	ug/m3	ND	<3.9		25	
o-Xylene	ug/m3	8.4	8.2	3	25	
Propylene	ug/m3	ND	<0.23		25	
Styrene	ug/m3	2.9	2.7	5	25	
Tetrachloroethene	ug/m3	ND	0.58J		25	
Tetrahydrofuran	ug/m3	ND	1.1		25	
Toluene	ug/m3	24.6	25.3	3	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.30		25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.98		25	
Trichloroethene	ug/m3	ND	<0.35		25	
Trichlorofluoromethane	ug/m3	4.0	3.8	5	25	
Vinyl acetate	ug/m3	ND	<0.37		25	
Vinyl chloride	ug/m3	ND	<0.16		25	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

QC Batch: 825739
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10613371003, 10613371007

METHOD BLANK: 4373690 Matrix: Air
Associated Lab Samples: 10613371003, 10613371007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.19	1.1	07/01/22 07:57	
1,1,2,2-Tetrachloroethane	ug/m3	<0.37	1.4	07/01/22 07:57	
1,1,2-Trichloroethane	ug/m3	<0.20	0.56	07/01/22 07:57	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.29	1.6	07/01/22 07:57	
1,1-Dichloroethane	ug/m3	<0.16	0.82	07/01/22 07:57	
1,1-Dichloroethene	ug/m3	<0.14	0.81	07/01/22 07:57	
1,2,4-Trichlorobenzene	ug/m3	<4.9	7.5	07/01/22 07:57	
1,2,4-Trimethylbenzene	ug/m3	<0.35	1.0	07/01/22 07:57	
1,2-Dibromoethane (EDB)	ug/m3	<0.30	0.78	07/01/22 07:57	
1,2-Dichlorobenzene	ug/m3	<0.40	3.1	07/01/22 07:57	
1,2-Dichloroethane	ug/m3	<0.19	0.82	07/01/22 07:57	
1,2-Dichloropropane	ug/m3	<0.27	0.94	07/01/22 07:57	
1,3,5-Trimethylbenzene	ug/m3	<0.29	1.0	07/01/22 07:57	
1,3-Butadiene	ug/m3	<0.12	0.45	07/01/22 07:57	
1,3-Dichlorobenzene	ug/m3	0.90J	3.1	07/01/22 07:57	
1,4-Dichlorobenzene	ug/m3	1.1J	3.1	07/01/22 07:57	
2-Butanone (MEK)	ug/m3	<0.46	3.0	07/01/22 07:57	
2-Hexanone	ug/m3	<0.44	4.2	07/01/22 07:57	
2-Propanol	ug/m3	<0.51	2.5	07/01/22 07:57	
4-Ethyltoluene	ug/m3	<0.47	2.5	07/01/22 07:57	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.32	4.2	07/01/22 07:57	
Acetone	ug/m3	<1.8	6.0	07/01/22 07:57	
Benzene	ug/m3	<0.11	0.32	07/01/22 07:57	
Benzyl chloride	ug/m3	1.1J	2.6	07/01/22 07:57	
Bromodichloromethane	ug/m3	<0.24	1.4	07/01/22 07:57	
Bromoform	ug/m3	<1.6	5.2	07/01/22 07:57	
Bromomethane	ug/m3	<0.15	0.79	07/01/22 07:57	
Carbon disulfide	ug/m3	<0.13	0.63	07/01/22 07:57	
Carbon tetrachloride	ug/m3	<0.28	1.3	07/01/22 07:57	
Chlorobenzene	ug/m3	<0.16	0.94	07/01/22 07:57	
Chloroethane	ug/m3	<0.22	0.54	07/01/22 07:57	
Chloroform	ug/m3	<0.18	0.50	07/01/22 07:57	
Chloromethane	ug/m3	<0.085	0.42	07/01/22 07:57	
cis-1,2-Dichloroethene	ug/m3	<0.20	0.81	07/01/22 07:57	
cis-1,3-Dichloropropene	ug/m3	<0.26	2.3	07/01/22 07:57	
Cyclohexane	ug/m3	<0.22	1.8	07/01/22 07:57	
Dibromochloromethane	ug/m3	<0.52	1.7	07/01/22 07:57	
Dichlorodifluoromethane	ug/m3	<0.19	1.0	07/01/22 07:57	
Dichlorotetrafluoroethane	ug/m3	<0.20	1.4	07/01/22 07:57	
Ethanol	ug/m3	<0.59	1.9	07/01/22 07:57	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

METHOD BLANK: 4373690 Matrix: Air
Associated Lab Samples: 10613371003, 10613371007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.13	0.73	07/01/22 07:57	
Ethylbenzene	ug/m3	<0.31	0.88	07/01/22 07:57	
Hexachloro-1,3-butadiene	ug/m3	1.4J	5.4	07/01/22 07:57	
m&p-Xylene	ug/m3	<0.64	1.8	07/01/22 07:57	
Methyl-tert-butyl ether	ug/m3	<0.13	3.7	07/01/22 07:57	
Methylene Chloride	ug/m3	<0.59	3.5	07/01/22 07:57	
n-Heptane	ug/m3	<0.18	0.83	07/01/22 07:57	
n-Hexane	ug/m3	<0.19	0.72	07/01/22 07:57	
Naphthalene	ug/m3	2.3J	2.7	07/01/22 07:57	
o-Xylene	ug/m3	<0.27	0.88	07/01/22 07:57	
Propylene	ug/m3	0.16J	0.88	07/01/22 07:57	
Styrene	ug/m3	<0.38	0.87	07/01/22 07:57	
Tetrachloroethene	ug/m3	<0.29	0.69	07/01/22 07:57	
Tetrahydrofuran	ug/m3	<0.18	0.60	07/01/22 07:57	
Toluene	ug/m3	<0.24	0.77	07/01/22 07:57	
trans-1,2-Dichloroethene	ug/m3	<0.17	0.81	07/01/22 07:57	
trans-1,3-Dichloropropene	ug/m3	<0.54	2.3	07/01/22 07:57	
Trichloroethene	ug/m3	<0.20	0.55	07/01/22 07:57	
Trichlorofluoromethane	ug/m3	<0.23	1.1	07/01/22 07:57	
Vinyl acetate	ug/m3	<0.21	0.72	07/01/22 07:57	
Vinyl chloride	ug/m3	<0.087	0.26	07/01/22 07:57	

LABORATORY CONTROL SAMPLE: 4373691

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	59.3	62.2	105	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	75.4	83.3	110	70-132	
1,1,2-Trichloroethane	ug/m3	59.6	63.7	107	70-131	
1,1,2-Trichlorotrifluoroethane	ug/m3	83.6	86.3	103	70-130	
1,1-Dichloroethane	ug/m3	43.9	44.9	102	70-130	
1,1-Dichloroethene	ug/m3	43.5	43.3	100	70-130	
1,2,4-Trichlorobenzene	ug/m3	177	181	102	70-130	SS
1,2,4-Trimethylbenzene	ug/m3	54	64.6	120	70-137	
1,2-Dibromoethane (EDB)	ug/m3	82.5	93.0	113	70-137	
1,2-Dichlorobenzene	ug/m3	66.2	82.2	124	70-131	
1,2-Dichloroethane	ug/m3	44.4	46.1	104	70-134	
1,2-Dichloropropane	ug/m3	50.6	52.1	103	70-130	
1,3,5-Trimethylbenzene	ug/m3	53.7	61.1	114	70-131	
1,3-Butadiene	ug/m3	24.2	25.0	104	70-139	
1,3-Dichlorobenzene	ug/m3	66.3	66.8	101	70-134	
1,4-Dichlorobenzene	ug/m3	66.3	65.9	99	70-131	
2-Butanone (MEK)	ug/m3	32.3	32.0	99	70-133	
2-Hexanone	ug/m3	44.8	49.0	109	70-136	
2-Propanol	ug/m3	149	148	99	65-133	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

LABORATORY CONTROL SAMPLE: 4373691

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	53.7	68.3	127	70-130	
4-Methyl-2-pentanone (MIBK)	ug/m3	44.9	45.0	100	70-130	
Acetone	ug/m3	128	122	95	60-134	SS
Benzene	ug/m3	34.8	35.9	103	70-130	
Benzyl chloride	ug/m3	57.6	54.5	95	70-130	
Bromodichloromethane	ug/m3	73.1	77.1	105	70-130	
Bromoform	ug/m3	114	132	116	70-138	
Bromomethane	ug/m3	42.5	42.8	101	68-131	
Carbon disulfide	ug/m3	34.4	29.5	86	70-130	
Carbon tetrachloride	ug/m3	69.4	76.4	110	70-132	
Chlorobenzene	ug/m3	50.2	54.4	108	70-130	
Chloroethane	ug/m3	28.8	28.7	100	70-134	
Chloroform	ug/m3	52.4	54.5	104	70-130	
Chloromethane	ug/m3	22.6	22.1	98	68-131	
cis-1,2-Dichloroethene	ug/m3	43.4	46.2	106	70-136	
cis-1,3-Dichloropropene	ug/m3	49.4	53.8	109	70-130	
Cyclohexane	ug/m3	37.4	38.5	103	70-131	
Dibromochloromethane	ug/m3	93.2	102	110	70-134	
Dichlorodifluoromethane	ug/m3	54.6	56.2	103	70-130	
Dichlorotetrafluoroethane	ug/m3	71.2	73.7	104	70-130	
Ethanol	ug/m3	124	115	93	55-145	
Ethyl acetate	ug/m3	38.9	39.5	102	70-135	
Ethylbenzene	ug/m3	47.8	54.6	114	70-133	
Hexachloro-1,3-butadiene	ug/m3	133	138	104	70-132	
m&p-Xylene	ug/m3	95.4	108	113	70-134	
Methyl-tert-butyl ether	ug/m3	39.6	41.4	105	70-131	
Methylene Chloride	ug/m3	190	191	100	65-132	
n-Heptane	ug/m3	44.6	43.6	98	70-130	
n-Hexane	ug/m3	38	39.3	103	70-132	
Naphthalene	ug/m3	65.2	56.0	86	70-130	
o-Xylene	ug/m3	47.6	52.6	111	70-134	
Propylene	ug/m3	18.9	16.3	86	69-133	
Styrene	ug/m3	47	55.7	119	70-135	
Tetrachloroethene	ug/m3	73.4	81.0	110	70-134	
Tetrahydrofuran	ug/m3	32.1	31.7	99	70-140	
Toluene	ug/m3	41.6	44.9	108	70-136	
trans-1,2-Dichloroethene	ug/m3	43.6	46.0	106	70-134	
trans-1,3-Dichloropropene	ug/m3	50.5	58.3	115	70-131	
Trichloroethene	ug/m3	58.4	63.9	109	70-134	
Trichlorofluoromethane	ug/m3	62	64.0	103	63-130	
Vinyl acetate	ug/m3	46.4	48.4	104	70-139	
Vinyl chloride	ug/m3	28	29.4	105	70-132	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

SAMPLE DUPLICATE: 4374925

Parameter	Units	10614526001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	5.1	5.4	5	25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.54		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.28		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.5J		25	
1,1-Dichloroethane	ug/m3	ND	<0.24		25	
1,1-Dichloroethene	ug/m3	ND	<0.20		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<7.0		25	
1,2,4-Trimethylbenzene	ug/m3	124	127	2	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.43		25	
1,2-Dichlorobenzene	ug/m3	ND	<0.58		25	
1,2-Dichloroethane	ug/m3	ND	<0.28		25	
1,2-Dichloropropane	ug/m3	ND	<0.39		25	
1,3,5-Trimethylbenzene	ug/m3	37.2	37.5	1	25	
1,3-Butadiene	ug/m3	ND	<0.17		25	
1,3-Dichlorobenzene	ug/m3	ND	<0.73		25	
1,4-Dichlorobenzene	ug/m3	ND	<1.3		25	
2-Butanone (MEK)	ug/m3	8.5	8.8	4	25	
2-Hexanone	ug/m3	ND	0.87J		25	
2-Propanol	ug/m3	19.7	20.5	4	25	
4-Ethyltoluene	ug/m3	50.8	53.3	5	25	
4-Methyl-2-pentanone (MIBK)	ug/m3	6.9	8.2	18	25	
Acetone	ug/m3	57.1	59.4	4	25	SS
Benzene	ug/m3	19.5	20.0	2	25	
Benzyl chloride	ug/m3	ND	<1.3		25	
Bromodichloromethane	ug/m3	ND	<0.34		25	
Bromoform	ug/m3	ND	<2.3		25	
Bromomethane	ug/m3	ND	<0.22		25	
Carbon disulfide	ug/m3	ND	0.53J		25	
Carbon tetrachloride	ug/m3	ND	<0.40		25	
Chlorobenzene	ug/m3	ND	<0.22		25	
Chloroethane	ug/m3	ND	<0.32		25	
Chloroform	ug/m3	2.5	2.6	3	25	
Chloromethane	ug/m3	ND	<0.12		25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.28		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.37		25	
Cyclohexane	ug/m3	ND	<0.32		25	
Dibromochloromethane	ug/m3	ND	<0.74		25	
Dichlorodifluoromethane	ug/m3	2.7	2.6	3	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.29		25	
Ethanol	ug/m3	110	107	3	25	
Ethyl acetate	ug/m3	1.5	1.4	10	25	
Ethylbenzene	ug/m3	51.2	52.4	2	25	
Hexachloro-1,3-butadiene	ug/m3	ND	<1.8		25	
m&p-Xylene	ug/m3	171	176	3	25	
Methyl-tert-butyl ether	ug/m3	ND	<0.18		25	
Methylene Chloride	ug/m3	ND	3.1J		25	
n-Heptane	ug/m3	37.7	39.3	4	25	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

SAMPLE DUPLICATE: 4374925

Parameter	Units	10614526001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	56.1	59.4	6	25	
Naphthalene	ug/m3	7.1	7.6	7	25	
o-Xylene	ug/m3	61.2	62.4	2	25	
Propylene	ug/m3	ND	<0.19		25	
Styrene	ug/m3	1.8	1.9	7	25	
Tetrachloroethene	ug/m3	11.1	11.2	1	25	
Tetrahydrofuran	ug/m3	17.9	18.7	4	25	
Toluene	ug/m3	190	194	3	25	
trans-1,2-Dichloroethene	ug/m3	1.5	1.6	10	25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.78		25	
Trichloroethene	ug/m3	ND	0.31J		25	
Trichlorofluoromethane	ug/m3	1.9	1.9	2	25	
Vinyl acetate	ug/m3	ND	<0.30		25	
Vinyl chloride	ug/m3	ND	<0.12		25	

SAMPLE DUPLICATE: 4374926

Parameter	Units	10614526003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	5.4	5.7	5	25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.53		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.28		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	0.67J		25	
1,1-Dichloroethane	ug/m3	ND	<0.23		25	
1,1-Dichloroethene	ug/m3	ND	<0.20		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<6.9		25	
1,2,4-Trimethylbenzene	ug/m3	132	134	1	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.43		25	
1,2-Dichlorobenzene	ug/m3	ND	<0.58		25	
1,2-Dichloroethane	ug/m3	ND	<0.28		25	
1,2-Dichloropropane	ug/m3	ND	<0.38		25	
1,3,5-Trimethylbenzene	ug/m3	39.1	39.8	2	25	
1,3-Butadiene	ug/m3	ND	<0.17		25	
1,3-Dichlorobenzene	ug/m3	ND	1.5J		25	
1,4-Dichlorobenzene	ug/m3	ND	1.5J		25	
2-Butanone (MEK)	ug/m3	9.4	9.4	1	25	
2-Hexanone	ug/m3	ND	1.1J		25	
2-Propanol	ug/m3	20.6	19.9	3	25	
4-Ethyltoluene	ug/m3	56.2	57.6	2	25	
4-Methyl-2-pentanone (MIBK)	ug/m3	7.8	7.9	1	25	
Acetone	ug/m3	59.4	58.4	2	25	SS
Benzene	ug/m3	19.9	20.4	2	25	
Benzyl chloride	ug/m3	ND	2.9J		25	
Bromodichloromethane	ug/m3	ND	<0.34		25	
Bromoform	ug/m3	ND	<2.3		25	
Bromomethane	ug/m3	ND	<0.21		25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

SAMPLE DUPLICATE: 4374926

Parameter	Units	10614526003 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	ND	0.52J		25	
Carbon tetrachloride	ug/m3	ND	<0.40		25	
Chlorobenzene	ug/m3	ND	<0.22		25	
Chloroethane	ug/m3	ND	<0.32		25	
Chloroform	ug/m3	ND	2.4		25	
Chloromethane	ug/m3	ND	<0.12		25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.28		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.36		25	
Cyclohexane	ug/m3	ND	<0.31		25	
Dibromochloromethane	ug/m3	ND	<0.73		25	
Dichlorodifluoromethane	ug/m3	ND	<0.27		25	
Dichlorotetrafluoroethane	ug/m3	ND	1.3J		25	
Ethanol	ug/m3	103	94.9	8	25	
Ethyl acetate	ug/m3	1.4	1.5	6	25	
Ethylbenzene	ug/m3	55.8	56.5	1	25	
Hexachloro-1,3-butadiene	ug/m3	ND	<1.7		25	
m&p-Xylene	ug/m3	186	189	2	25	
Methyl-tert-butyl ether	ug/m3	ND	<0.18		25	
Methylene Chloride	ug/m3	ND	3.0J		25	
n-Heptane	ug/m3	39.8	40.9	3	25	
n-Hexane	ug/m3	57.4	60.5	5	25	
Naphthalene	ug/m3	8.4	8.6	2	25	
o-Xylene	ug/m3	67.0	67.9	1	25	
Propylene	ug/m3	ND	2.6		25	
Styrene	ug/m3	1.7	1.8	6	25	
Tetrachloroethene	ug/m3	10.3	10.6	3	25	
Tetrahydrofuran	ug/m3	ND	17.3		25	
Toluene	ug/m3	192	195	2	25	
trans-1,2-Dichloroethene	ug/m3	3.7	3.8	5	25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.77		25	
Trichloroethene	ug/m3	ND	0.36J		25	
Trichlorofluoromethane	ug/m3	ND	1.7		25	
Vinyl acetate	ug/m3	ND	<0.30		25	
Vinyl chloride	ug/m3	ND	<0.12		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

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 LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

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 at or above the adjusted LOD.

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.

ANALYTE QUALIFIERS

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
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690023383 BECHER ST.
Pace Project No.: 10613371

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10613371001	**VP-17**	TO-15	825545		
10613371003	**VP-18**	TO-15	825739		
10613371005	**VP-6**	TO-15	825545		
10613371007	**VP-19**	TO-15	825739		
10613371009	**VP-20**	TO-15	825545		
10613371002	**VP-17 Cert# 0811**	TO-15	825288		
10613371004	**VP-18 Cert# 3725**	TO-15	825288		
10613371006	**VP-6 Cert# 3236**	TO-15	825288		
10613371008	**VP-19 Cert# 3088**	TO-15	825288		
10613371010	**VP-20 Cert# 2239**	TO-15	825288		

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / A

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

WO# : 10613371

10613371

55057

Page: 1 of 1

Section A Required Client Information:

Company: RAMBOLL
Address: 234 W FLORIDA ST
MILWAUKEE, WI 53204
Email To: RMAZURKIEWICZ@RAMBOLL.COM
Phone: Fax:
Requested Due Date/TAT: STD

Section B Required Project Information:

Report To: RMAZURKIEWICZ@RAMBOLL.COM
Copy To:
Purchase Order No.:
Project Name: BECHER ST.
Project Number: 1690023383

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 41243

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

Location of Sampling by State: WI

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

Report Level: II. X III. ___ IV. ___ 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: TO-15 Full List VOCs	Pace Lab ID
1	VP-17	1LC		6/16/22	836	6/16/22	842	-30	-5	0811	1506	X	001 002
2	VP-18				900		909	-30	-5	3725	2966	X	003 004
3	VP-6				928		934	-29	-4	3236	2975	X	005 006
4	VP-19				940		945	-29	-5	3088	3025	X	007 008
5	VP-20				955		1001	-30	-5	2239	3062	X	009 010
6													
7													
8													
9													
10													
11													
12													

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)

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
RAMBOLL	6-16-22	1100	FEDEX	6-16-22	1100
			Pace	6/17/22	11:15

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DUNCAN GLASFORD
SIGNATURE of SAMPLER:
DATE Signed (MM / DD / YY): 06/16/22

ORIGINAL

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace Analytical Services

DC#_Title: ENV-FRM-MIN4-0113 v01_Sample Condition Upon Receipt (SCUR) - Air

Effective Date: 02/25/2022

WO#: 10613371

PM: CT1 Due Date: 06/24/22

CLIENT: Ramboll-WI

Air Sample Condition Upon Receipt

Client Name: Ramboll

Project #:

Courier: [X] FedEx [ ] UPS [ ] USPS [ ] Client [ ] Pace [ ] SpeeDee [ ] Commercial

Tracking Number: 9753 8451 4221 [ ] See Exception

Custody Seal on Cooler/Box Present? [ ] Yes [X] No

Seals Intact? [ ] Yes [X] No

Packing Material: [ ] Bubble Wrap [ ] Bubble Bags [X] Foam [ ] None [ ] Tin Can [ ] Other:

Date & Initials of Person Examining Contents: RG 6/17/22

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

Gauge #: [ ] 10AIR26 [ ] 10AIR34 [ ] 10AIR35 [X] 10AIR17 [ ] 10AIR47 [ ] 10AIR48

Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
VP-17	811	1506	-4.5	+10					
" -18	3725	2966	-5	|					
" -~~6~~19 RG 6/17	3236	2975	-4	|					
" -19	3088	3025	-7	|					
" -20	2239	3062	-5	+10					

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? [ ] Yes [ ] No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: [signature] **Date:** 6/17/22

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).*