



Sent Electronically to Caroline.Rice@wisconsin.gov and
the WDNR Document Submittal Portal

Caroline Rice
Hydrogeologist
Wisconsin Department of Natural Resources
Fitchburg, WI 53711
3911 Fish Hatchery Rd
Fitchburg, WI 53711

SOIL SAMPLING RESULTS
TRACE-MITCHELL REAL ESTATE LLC
RETAIL WHOLESALE STORE
1305 N. JOHNS STREET
DODGEVILLE, IOWA COUNTY, WI 53533
BRRTS 02-25-587099

Dear Ms. Rice:

Attached, please find the analytical results from the soil sampling that Ramboll completed at 1305 North Johns Street Dodgeville, Wisconsin. The samples were collected from three borings on May 27, 2022. This transmittal is being submitted in accordance with the requirements of Wisconsin Administrative Code Chapter NR 716.14(2). The laboratory analytical results are summarized in **Table 1**, the boring locations are illustrated in **Figure 1**, and the laboratory report is provided as **Attachment A**. A discussion of these results will be included in an upcoming Site Investigation Report Addendum.

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,

June 8, 2022

Ramboll
234 West Florida St., 5th Floor
Milwaukee, WI 53204
USA

Phone: 414-837-3607
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Ref. 1690020998

Richard Mazurkiewicz
Managing Consultant

D 262 901 3502
rmazurkiewicz@ramboll.com

Daniel W. Petersen, Ph.D., P.G.
Principal

D 312.288.3883
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Attachments:

C: Marla Mitchell, Trace-Mitchell Real Estate LLC

Figure



	Approximate Property Boundary
	Boring Location
	Sub-Slab Vapor Pin Location
	Underground Gas Utility
	Sanitary Sewer Utility
	Water Utility
	Underground Communication Utility
	Underground Electric Utility
	Floor Drain
	Power Pole



<p>Site Layout Former Dry Cleaner 1305 N Johns Street Dodgeville, WI 53533</p>	
	<p>FIGURE 1</p>
<p>DRAFTED BY: rpm</p>	<p>DATE: 06/08/2022</p>

Source: Grant County GIS 06/29/2020

Table

Table 1
Soil Analytical Results
Former Dry Cleaner
1305 N Johns Street
Dodgeville, Wisconsin
Ramboll Project 1690020998

Parameters	Soil RCL			SB-1 (1-2) 7/7/2020	SB-2 (0.5-1.5) 7/7/2020	SB-3 (2-3) 7/7/2020	SB-4 (1-2) 4/23/2021	SB-4 (17-18) 4/23/2021	SB-5 (1-2) 4/23/2021	SB-5 (12-13) 4/23/2021	SB-6 (1-2) 4/23/2021	SB-6 (4-5) 4/23/2021	SB-7 (2-3) 5/27/2022	SB-7 (15-16) 5/27/2022	SB-8 (2-3) 5/27/2022	SB-8 (15-16) 5/27/2022	SB-9 (5-6) 5/27/2022	SB-9 (12-13) 5/27/2022
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater Pathway															
PID I.U.				3.0	1.5	0.0	0.2	0.2	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.4	0.5
VOCs (µg/kg)																		
Dichlorodifluoromethane	126,000	530,000	3,086.3	647	<25.0	<25.0	<31.4	<60.7	<32.8	<49.5	<34.5	<34.3	<29.5	<38.7	<29.3	<39.5 M1	<37.2	<34.4
Ethylbenzene	8,020	35,400	1,570	62.2 ^J	<25.0	<25.0	<17.4	<33.6	<18.1	<27.4	<19.1	<19.0	<16.3	<21.4	<16.2	<21.9	<20.6	<19.1
Styrene	867,000	867,000	220	131	<25.0	<25.0	<18.7	<36.1	<19.5	<29.4	<20.5	<20.4	<17.6	<23.0	<17.5	<23.5	<22.1	<20.5
Methylene Chloride				<26.3	<26.3	<26.3	<20.3	<39.2	38.0 ^J *	<32.0	<22.3	<22.2	<19.1	<25.0	<19.0	<25.5	<24.0	<22.3

Notes:
Only detected parameters are displayed in the above table.
VOCs = Volatile Organic Compounds
Sample depth (in feet below grade) shown in parentheses.
PID = Photoionization Detector.
IU = Instrument Units, equivalent to parts per million based on bulb intensity and machine calibration.
RCL = Residual Contaminant Level
µg/kg = micrograms per kilogram
* = Common laboratory contaminant, not considered a chemical of concern at the Site.
^J = Laboratory flag indicating that results reported between the Method Detection Limit and Limit of Quantitation (LOQ), which is a result that is less certain than results at or above the LOQ.
Soil RCLs established by the WDNR RR program using the EPA's RSL web-calculator with WAC NR 720 default parameters (WDNR PUB-RR-890, June 2014 - updated RCL spreadsheet, December 2018).
M1 = Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Attachment A
Laboratory Report

June 01, 2022

Richard Mazurkiewicz
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: 1690020998-NAPA 1305 N JOHNS
Pace Project No.: 40245687

Dear Richard Mazurkiewicz:

Enclosed are the analytical results for sample(s) received by the laboratory on May 28, 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 - Green Bay

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

Sincerely,



Steven Mleczko
steve.mleczko@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Duncan Glasford, Ramboll US Consulting, Inc.
Kyle Heimstead, Ramboll US Consulting, Inc.



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40245687001	SB-8 (2-3)	Solid	05/27/22 11:30	05/28/22 07:30
40245687002	SB-8 (15-16)	Solid	05/27/22 11:32	05/28/22 07:30
40245687003	SB-7 (2-3)	Solid	05/27/22 11:50	05/28/22 07:30
40245687004	SB-7 (15-16)	Solid	05/27/22 12:05	05/28/22 07:30
40245687005	SB-9 (5-6)	Solid	05/27/22 12:55	05/28/22 07:30
40245687006	SB-9 (12-13)	Solid	05/27/22 13:00	05/28/22 07:30
40245687007	TRIP BLANK	Solid	05/27/22 00:00	05/28/22 07:30

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SAMPLE ANALYTE COUNT

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40245687001	SB-8 (2-3)	EPA 8260	ALD	65
		ASTM D2974-87	PDV	1
40245687002	SB-8 (15-16)	EPA 8260	ALD	65
		ASTM D2974-87	PDV	1
40245687003	SB-7 (2-3)	EPA 8260	ALD	65
		ASTM D2974-87	PDV	1
40245687004	SB-7 (15-16)	EPA 8260	ALD	65
		ASTM D2974-87	PDV	1
40245687005	SB-9 (5-6)	EPA 8260	ALD	65
		ASTM D2974-87	PDV	1
40245687006	SB-9 (12-13)	EPA 8260	ALD	65
		ASTM D2974-87	PDV	1
40245687007	TRIP BLANK	EPA 8260	ALD	65

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Sample: SB-8 (2-3) **Lab ID: 40245687001** Collected: 05/27/22 11:30 Received: 05/28/22 07:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<16.4	ug/kg	68.2	16.4	1	05/31/22 08:00	05/31/22 15:02	630-20-6	
1,1,1-Trichloroethane	<17.5	ug/kg	68.2	17.5	1	05/31/22 08:00	05/31/22 15:02	71-55-6	
1,1,2,2-Tetrachloroethane	<24.7	ug/kg	68.2	24.7	1	05/31/22 08:00	05/31/22 15:02	79-34-5	
1,1,2-Trichloroethane	<24.8	ug/kg	68.2	24.8	1	05/31/22 08:00	05/31/22 15:02	79-00-5	
1,1-Dichloroethane	<17.5	ug/kg	68.2	17.5	1	05/31/22 08:00	05/31/22 15:02	75-34-3	
1,1-Dichloroethene	<22.6	ug/kg	68.2	22.6	1	05/31/22 08:00	05/31/22 15:02	75-35-4	
1,1-Dichloropropene	<22.1	ug/kg	68.2	22.1	1	05/31/22 08:00	05/31/22 15:02	563-58-6	
1,2,3-Trichlorobenzene	<76.0	ug/kg	341	76.0	1	05/31/22 08:00	05/31/22 15:02	87-61-6	
1,2,3-Trichloropropane	<33.1	ug/kg	68.2	33.1	1	05/31/22 08:00	05/31/22 15:02	96-18-4	
1,2,4-Trichlorobenzene	<56.2	ug/kg	341	56.2	1	05/31/22 08:00	05/31/22 15:02	120-82-1	
1,2,4-Trimethylbenzene	<20.3	ug/kg	68.2	20.3	1	05/31/22 08:00	05/31/22 15:02	95-63-6	
1,2-Dibromo-3-chloropropane	<52.9	ug/kg	341	52.9	1	05/31/22 08:00	05/31/22 15:02	96-12-8	
1,2-Dibromoethane (EDB)	<18.7	ug/kg	68.2	18.7	1	05/31/22 08:00	05/31/22 15:02	106-93-4	
1,2-Dichlorobenzene	<21.1	ug/kg	68.2	21.1	1	05/31/22 08:00	05/31/22 15:02	95-50-1	
1,2-Dichloroethane	<15.7	ug/kg	68.2	15.7	1	05/31/22 08:00	05/31/22 15:02	107-06-2	
1,2-Dichloropropane	<16.2	ug/kg	68.2	16.2	1	05/31/22 08:00	05/31/22 15:02	78-87-5	
1,3,5-Trimethylbenzene	<22.0	ug/kg	68.2	22.0	1	05/31/22 08:00	05/31/22 15:02	108-67-8	
1,3-Dichlorobenzene	<18.7	ug/kg	68.2	18.7	1	05/31/22 08:00	05/31/22 15:02	541-73-1	
1,3-Dichloropropane	<14.9	ug/kg	68.2	14.9	1	05/31/22 08:00	05/31/22 15:02	142-28-9	
1,4-Dichlorobenzene	<18.7	ug/kg	68.2	18.7	1	05/31/22 08:00	05/31/22 15:02	106-46-7	
2,2-Dichloropropane	<18.4	ug/kg	68.2	18.4	1	05/31/22 08:00	05/31/22 15:02	594-20-7	
2-Chlorotoluene	<22.1	ug/kg	68.2	22.1	1	05/31/22 08:00	05/31/22 15:02	95-49-8	
4-Chlorotoluene	<25.9	ug/kg	68.2	25.9	1	05/31/22 08:00	05/31/22 15:02	106-43-4	
Benzene	<16.2	ug/kg	27.3	16.2	1	05/31/22 08:00	05/31/22 15:02	71-43-2	
Bromobenzene	<26.6	ug/kg	68.2	26.6	1	05/31/22 08:00	05/31/22 15:02	108-86-1	
Bromochloromethane	<18.7	ug/kg	68.2	18.7	1	05/31/22 08:00	05/31/22 15:02	74-97-5	
Bromodichloromethane	<16.2	ug/kg	68.2	16.2	1	05/31/22 08:00	05/31/22 15:02	75-27-4	
Bromoform	<300	ug/kg	341	300	1	05/31/22 08:00	05/31/22 15:02	75-25-2	
Bromomethane	<95.6	ug/kg	341	95.6	1	05/31/22 08:00	05/31/22 15:02	74-83-9	
Carbon tetrachloride	<15.0	ug/kg	68.2	15.0	1	05/31/22 08:00	05/31/22 15:02	56-23-5	
Chlorobenzene	<8.2	ug/kg	68.2	8.2	1	05/31/22 08:00	05/31/22 15:02	108-90-7	
Chloroethane	<28.8	ug/kg	341	28.8	1	05/31/22 08:00	05/31/22 15:02	75-00-3	
Chloroform	<48.8	ug/kg	341	48.8	1	05/31/22 08:00	05/31/22 15:02	67-66-3	
Chloromethane	<25.9	ug/kg	68.2	25.9	1	05/31/22 08:00	05/31/22 15:02	74-87-3	
Dibromochloromethane	<233	ug/kg	341	233	1	05/31/22 08:00	05/31/22 15:02	124-48-1	
Dibromomethane	<20.2	ug/kg	68.2	20.2	1	05/31/22 08:00	05/31/22 15:02	74-95-3	
Dichlorodifluoromethane	<29.3	ug/kg	68.2	29.3	1	05/31/22 08:00	05/31/22 15:02	75-71-8	
Diisopropyl ether	<16.9	ug/kg	68.2	16.9	1	05/31/22 08:00	05/31/22 15:02	108-20-3	
Ethylbenzene	<16.2	ug/kg	68.2	16.2	1	05/31/22 08:00	05/31/22 15:02	100-41-4	
Hexachloro-1,3-butadiene	<136	ug/kg	341	136	1	05/31/22 08:00	05/31/22 15:02	87-68-3	
Isopropylbenzene (Cumene)	<18.4	ug/kg	68.2	18.4	1	05/31/22 08:00	05/31/22 15:02	98-82-8	
Methyl-tert-butyl ether	<20.1	ug/kg	68.2	20.1	1	05/31/22 08:00	05/31/22 15:02	1634-04-4	
Methylene Chloride	<19.0	ug/kg	68.2	19.0	1	05/31/22 08:00	05/31/22 15:02	75-09-2	
Naphthalene	<21.3	ug/kg	341	21.3	1	05/31/22 08:00	05/31/22 15:02	91-20-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Sample: SB-8 (2-3) **Lab ID: 40245687001** Collected: 05/27/22 11:30 Received: 05/28/22 07:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<17.5	ug/kg	68.2	17.5	1	05/31/22 08:00	05/31/22 15:02	100-42-5	
Tetrachloroethene	<26.5	ug/kg	68.2	26.5	1	05/31/22 08:00	05/31/22 15:02	127-18-4	
Toluene	<17.2	ug/kg	68.2	17.2	1	05/31/22 08:00	05/31/22 15:02	108-88-3	
Trichloroethene	<25.5	ug/kg	68.2	25.5	1	05/31/22 08:00	05/31/22 15:02	79-01-6	
Trichlorofluoromethane	<19.8	ug/kg	68.2	19.8	1	05/31/22 08:00	05/31/22 15:02	75-69-4	
Vinyl chloride	<13.8	ug/kg	68.2	13.8	1	05/31/22 08:00	05/31/22 15:02	75-01-4	
Xylene (Total)	<49.2	ug/kg	205	49.2	1	05/31/22 08:00	05/31/22 15:02	1330-20-7	
cis-1,2-Dichloroethene	<14.6	ug/kg	68.2	14.6	1	05/31/22 08:00	05/31/22 15:02	156-59-2	
cis-1,3-Dichloropropene	<45.0	ug/kg	341	45.0	1	05/31/22 08:00	05/31/22 15:02	10061-01-5	
m&p-Xylene	<28.8	ug/kg	136	28.8	1	05/31/22 08:00	05/31/22 15:02	179601-23-1	
n-Butylbenzene	<31.2	ug/kg	68.2	31.2	1	05/31/22 08:00	05/31/22 15:02	104-51-8	
n-Propylbenzene	<16.4	ug/kg	68.2	16.4	1	05/31/22 08:00	05/31/22 15:02	103-65-1	
o-Xylene	<20.5	ug/kg	68.2	20.5	1	05/31/22 08:00	05/31/22 15:02	95-47-6	
p-Isopropyltoluene	<20.7	ug/kg	68.2	20.7	1	05/31/22 08:00	05/31/22 15:02	99-87-6	
sec-Butylbenzene	<16.6	ug/kg	68.2	16.6	1	05/31/22 08:00	05/31/22 15:02	135-98-8	
tert-Butylbenzene	<21.4	ug/kg	68.2	21.4	1	05/31/22 08:00	05/31/22 15:02	98-06-6	
trans-1,2-Dichloroethene	<14.7	ug/kg	68.2	14.7	1	05/31/22 08:00	05/31/22 15:02	156-60-5	
trans-1,3-Dichloropropene	<195	ug/kg	341	195	1	05/31/22 08:00	05/31/22 15:02	10061-02-6	
Surrogates									
Toluene-d8 (S)	129	%	69-153		1	05/31/22 08:00	05/31/22 15:02	2037-26-5	
4-Bromofluorobenzene (S)	129	%	68-156		1	05/31/22 08:00	05/31/22 15:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	137	%	71-161		1	05/31/22 08:00	05/31/22 15:02	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	15.4	%	0.10	0.10	1		05/31/22 12:42		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Sample: SB-8 (15-16) **Lab ID: 40245687002** Collected: 05/27/22 11:32 Received: 05/28/22 07:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<22.0	ug/kg	91.8	22.0	1	05/31/22 08:00	05/31/22 13:41	630-20-6	
1,1,1-Trichloroethane	<23.5	ug/kg	91.8	23.5	1	05/31/22 08:00	05/31/22 13:41	71-55-6	
1,1,2,2-Tetrachloroethane	<33.2	ug/kg	91.8	33.2	1	05/31/22 08:00	05/31/22 13:41	79-34-5	
1,1,2-Trichloroethane	<33.4	ug/kg	91.8	33.4	1	05/31/22 08:00	05/31/22 13:41	79-00-5	
1,1-Dichloroethane	<23.5	ug/kg	91.8	23.5	1	05/31/22 08:00	05/31/22 13:41	75-34-3	
1,1-Dichloroethene	<30.5	ug/kg	91.8	30.5	1	05/31/22 08:00	05/31/22 13:41	75-35-4	
1,1-Dichloropropene	<29.8	ug/kg	91.8	29.8	1	05/31/22 08:00	05/31/22 13:41	563-58-6	
1,2,3-Trichlorobenzene	<102	ug/kg	459	102	1	05/31/22 08:00	05/31/22 13:41	87-61-6	
1,2,3-Trichloropropane	<44.6	ug/kg	91.8	44.6	1	05/31/22 08:00	05/31/22 13:41	96-18-4	
1,2,4-Trichlorobenzene	<75.7	ug/kg	459	75.7	1	05/31/22 08:00	05/31/22 13:41	120-82-1	
1,2,4-Trimethylbenzene	<27.4	ug/kg	91.8	27.4	1	05/31/22 08:00	05/31/22 13:41	95-63-6	
1,2-Dibromo-3-chloropropane	<71.3	ug/kg	459	71.3	1	05/31/22 08:00	05/31/22 13:41	96-12-8	
1,2-Dibromoethane (EDB)	<25.2	ug/kg	91.8	25.2	1	05/31/22 08:00	05/31/22 13:41	106-93-4	
1,2-Dichlorobenzene	<28.5	ug/kg	91.8	28.5	1	05/31/22 08:00	05/31/22 13:41	95-50-1	
1,2-Dichloroethane	<21.1	ug/kg	91.8	21.1	1	05/31/22 08:00	05/31/22 13:41	107-06-2	
1,2-Dichloropropane	<21.9	ug/kg	91.8	21.9	1	05/31/22 08:00	05/31/22 13:41	78-87-5	
1,3,5-Trimethylbenzene	<29.6	ug/kg	91.8	29.6	1	05/31/22 08:00	05/31/22 13:41	108-67-8	
1,3-Dichlorobenzene	<25.2	ug/kg	91.8	25.2	1	05/31/22 08:00	05/31/22 13:41	541-73-1	
1,3-Dichloropropane	<20.0	ug/kg	91.8	20.0	1	05/31/22 08:00	05/31/22 13:41	142-28-9	
1,4-Dichlorobenzene	<25.2	ug/kg	91.8	25.2	1	05/31/22 08:00	05/31/22 13:41	106-46-7	
2,2-Dichloropropane	<24.8	ug/kg	91.8	24.8	1	05/31/22 08:00	05/31/22 13:41	594-20-7	
2-Chlorotoluene	<29.8	ug/kg	91.8	29.8	1	05/31/22 08:00	05/31/22 13:41	95-49-8	
4-Chlorotoluene	<34.9	ug/kg	91.8	34.9	1	05/31/22 08:00	05/31/22 13:41	106-43-4	
Benzene	<21.9	ug/kg	36.7	21.9	1	05/31/22 08:00	05/31/22 13:41	71-43-2	
Bromobenzene	<35.8	ug/kg	91.8	35.8	1	05/31/22 08:00	05/31/22 13:41	108-86-1	
Bromochloromethane	<25.2	ug/kg	91.8	25.2	1	05/31/22 08:00	05/31/22 13:41	74-97-5	
Bromodichloromethane	<21.9	ug/kg	91.8	21.9	1	05/31/22 08:00	05/31/22 13:41	75-27-4	
Bromoform	<404	ug/kg	459	404	1	05/31/22 08:00	05/31/22 13:41	75-25-2	
Bromomethane	<129	ug/kg	459	129	1	05/31/22 08:00	05/31/22 13:41	74-83-9	
Carbon tetrachloride	<20.2	ug/kg	91.8	20.2	1	05/31/22 08:00	05/31/22 13:41	56-23-5	
Chlorobenzene	<11.0	ug/kg	91.8	11.0	1	05/31/22 08:00	05/31/22 13:41	108-90-7	
Chloroethane	<38.7	ug/kg	459	38.7	1	05/31/22 08:00	05/31/22 13:41	75-00-3	
Chloroform	<65.7	ug/kg	459	65.7	1	05/31/22 08:00	05/31/22 13:41	67-66-3	
Chloromethane	<34.9	ug/kg	91.8	34.9	1	05/31/22 08:00	05/31/22 13:41	74-87-3	
Dibromochloromethane	<314	ug/kg	459	314	1	05/31/22 08:00	05/31/22 13:41	124-48-1	
Dibromomethane	<27.2	ug/kg	91.8	27.2	1	05/31/22 08:00	05/31/22 13:41	74-95-3	
Dichlorodifluoromethane	<39.5	ug/kg	91.8	39.5	1	05/31/22 08:00	05/31/22 13:41	75-71-8	M1
Diisopropyl ether	<22.8	ug/kg	91.8	22.8	1	05/31/22 08:00	05/31/22 13:41	108-20-3	
Ethylbenzene	<21.9	ug/kg	91.8	21.9	1	05/31/22 08:00	05/31/22 13:41	100-41-4	
Hexachloro-1,3-butadiene	<183	ug/kg	459	183	1	05/31/22 08:00	05/31/22 13:41	87-68-3	
Isopropylbenzene (Cumene)	<24.8	ug/kg	91.8	24.8	1	05/31/22 08:00	05/31/22 13:41	98-82-8	
Methyl-tert-butyl ether	<27.0	ug/kg	91.8	27.0	1	05/31/22 08:00	05/31/22 13:41	1634-04-4	
Methylene Chloride	<25.5	ug/kg	91.8	25.5	1	05/31/22 08:00	05/31/22 13:41	75-09-2	
Naphthalene	<28.6	ug/kg	459	28.6	1	05/31/22 08:00	05/31/22 13:41	91-20-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Sample: SB-8 (15-16) **Lab ID: 40245687002** Collected: 05/27/22 11:32 Received: 05/28/22 07:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<23.5	ug/kg	91.8	23.5	1	05/31/22 08:00	05/31/22 13:41	100-42-5	
Tetrachloroethene	<35.6	ug/kg	91.8	35.6	1	05/31/22 08:00	05/31/22 13:41	127-18-4	
Toluene	<23.1	ug/kg	91.8	23.1	1	05/31/22 08:00	05/31/22 13:41	108-88-3	
Trichloroethene	<34.3	ug/kg	91.8	34.3	1	05/31/22 08:00	05/31/22 13:41	79-01-6	
Trichlorofluoromethane	<26.6	ug/kg	91.8	26.6	1	05/31/22 08:00	05/31/22 13:41	75-69-4	
Vinyl chloride	<18.5	ug/kg	91.8	18.5	1	05/31/22 08:00	05/31/22 13:41	75-01-4	
Xylene (Total)	<66.3	ug/kg	275	66.3	1	05/31/22 08:00	05/31/22 13:41	1330-20-7	
cis-1,2-Dichloroethene	<19.7	ug/kg	91.8	19.7	1	05/31/22 08:00	05/31/22 13:41	156-59-2	
cis-1,3-Dichloropropene	<60.6	ug/kg	459	60.6	1	05/31/22 08:00	05/31/22 13:41	10061-01-5	
m&p-Xylene	<38.7	ug/kg	184	38.7	1	05/31/22 08:00	05/31/22 13:41	179601-23-1	
n-Butylbenzene	<42.1	ug/kg	91.8	42.1	1	05/31/22 08:00	05/31/22 13:41	104-51-8	
n-Propylbenzene	<22.0	ug/kg	91.8	22.0	1	05/31/22 08:00	05/31/22 13:41	103-65-1	
o-Xylene	<27.5	ug/kg	91.8	27.5	1	05/31/22 08:00	05/31/22 13:41	95-47-6	
p-Isopropyltoluene	<27.9	ug/kg	91.8	27.9	1	05/31/22 08:00	05/31/22 13:41	99-87-6	
sec-Butylbenzene	<22.4	ug/kg	91.8	22.4	1	05/31/22 08:00	05/31/22 13:41	135-98-8	
tert-Butylbenzene	<28.8	ug/kg	91.8	28.8	1	05/31/22 08:00	05/31/22 13:41	98-06-6	
trans-1,2-Dichloroethene	<19.8	ug/kg	91.8	19.8	1	05/31/22 08:00	05/31/22 13:41	156-60-5	
trans-1,3-Dichloropropene	<263	ug/kg	459	263	1	05/31/22 08:00	05/31/22 13:41	10061-02-6	
Surrogates									
Toluene-d8 (S)	134	%	69-153		1	05/31/22 08:00	05/31/22 13:41	2037-26-5	
4-Bromofluorobenzene (S)	134	%	68-156		1	05/31/22 08:00	05/31/22 13:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	141	%	71-161		1	05/31/22 08:00	05/31/22 13:41	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	29.5	%	0.10	0.10	1		05/31/22 12:42		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Sample: SB-7 (2-3) **Lab ID: 40245687003** Collected: 05/27/22 11:50 Received: 05/28/22 07:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<16.5	ug/kg	68.6	16.5	1	05/31/22 08:00	05/31/22 15:22	630-20-6	
1,1,1-Trichloroethane	<17.6	ug/kg	68.6	17.6	1	05/31/22 08:00	05/31/22 15:22	71-55-6	
1,1,2,2-Tetrachloroethane	<24.8	ug/kg	68.6	24.8	1	05/31/22 08:00	05/31/22 15:22	79-34-5	
1,1,2-Trichloroethane	<25.0	ug/kg	68.6	25.0	1	05/31/22 08:00	05/31/22 15:22	79-00-5	
1,1-Dichloroethane	<17.6	ug/kg	68.6	17.6	1	05/31/22 08:00	05/31/22 15:22	75-34-3	
1,1-Dichloroethene	<22.8	ug/kg	68.6	22.8	1	05/31/22 08:00	05/31/22 15:22	75-35-4	
1,1-Dichloropropene	<22.2	ug/kg	68.6	22.2	1	05/31/22 08:00	05/31/22 15:22	563-58-6	
1,2,3-Trichlorobenzene	<76.4	ug/kg	343	76.4	1	05/31/22 08:00	05/31/22 15:22	87-61-6	
1,2,3-Trichloropropane	<33.3	ug/kg	68.6	33.3	1	05/31/22 08:00	05/31/22 15:22	96-18-4	
1,2,4-Trichlorobenzene	<56.5	ug/kg	343	56.5	1	05/31/22 08:00	05/31/22 15:22	120-82-1	
1,2,4-Trimethylbenzene	<20.4	ug/kg	68.6	20.4	1	05/31/22 08:00	05/31/22 15:22	95-63-6	
1,2-Dibromo-3-chloropropane	<53.2	ug/kg	343	53.2	1	05/31/22 08:00	05/31/22 15:22	96-12-8	
1,2-Dibromoethane (EDB)	<18.8	ug/kg	68.6	18.8	1	05/31/22 08:00	05/31/22 15:22	106-93-4	
1,2-Dichlorobenzene	<21.3	ug/kg	68.6	21.3	1	05/31/22 08:00	05/31/22 15:22	95-50-1	
1,2-Dichloroethane	<15.8	ug/kg	68.6	15.8	1	05/31/22 08:00	05/31/22 15:22	107-06-2	
1,2-Dichloropropane	<16.3	ug/kg	68.6	16.3	1	05/31/22 08:00	05/31/22 15:22	78-87-5	
1,3,5-Trimethylbenzene	<22.1	ug/kg	68.6	22.1	1	05/31/22 08:00	05/31/22 15:22	108-67-8	
1,3-Dichlorobenzene	<18.8	ug/kg	68.6	18.8	1	05/31/22 08:00	05/31/22 15:22	541-73-1	
1,3-Dichloropropane	<14.9	ug/kg	68.6	14.9	1	05/31/22 08:00	05/31/22 15:22	142-28-9	
1,4-Dichlorobenzene	<18.8	ug/kg	68.6	18.8	1	05/31/22 08:00	05/31/22 15:22	106-46-7	
2,2-Dichloropropane	<18.5	ug/kg	68.6	18.5	1	05/31/22 08:00	05/31/22 15:22	594-20-7	
2-Chlorotoluene	<22.2	ug/kg	68.6	22.2	1	05/31/22 08:00	05/31/22 15:22	95-49-8	
4-Chlorotoluene	<26.1	ug/kg	68.6	26.1	1	05/31/22 08:00	05/31/22 15:22	106-43-4	
Benzene	<16.3	ug/kg	27.4	16.3	1	05/31/22 08:00	05/31/22 15:22	71-43-2	
Bromobenzene	<26.7	ug/kg	68.6	26.7	1	05/31/22 08:00	05/31/22 15:22	108-86-1	
Bromochloromethane	<18.8	ug/kg	68.6	18.8	1	05/31/22 08:00	05/31/22 15:22	74-97-5	
Bromodichloromethane	<16.3	ug/kg	68.6	16.3	1	05/31/22 08:00	05/31/22 15:22	75-27-4	
Bromoform	<302	ug/kg	343	302	1	05/31/22 08:00	05/31/22 15:22	75-25-2	
Bromomethane	<96.1	ug/kg	343	96.1	1	05/31/22 08:00	05/31/22 15:22	74-83-9	
Carbon tetrachloride	<15.1	ug/kg	68.6	15.1	1	05/31/22 08:00	05/31/22 15:22	56-23-5	
Chlorobenzene	<8.2	ug/kg	68.6	8.2	1	05/31/22 08:00	05/31/22 15:22	108-90-7	
Chloroethane	<28.9	ug/kg	343	28.9	1	05/31/22 08:00	05/31/22 15:22	75-00-3	
Chloroform	<49.1	ug/kg	343	49.1	1	05/31/22 08:00	05/31/22 15:22	67-66-3	
Chloromethane	<26.1	ug/kg	68.6	26.1	1	05/31/22 08:00	05/31/22 15:22	74-87-3	
Dibromochloromethane	<234	ug/kg	343	234	1	05/31/22 08:00	05/31/22 15:22	124-48-1	
Dibromomethane	<20.3	ug/kg	68.6	20.3	1	05/31/22 08:00	05/31/22 15:22	74-95-3	
Dichlorodifluoromethane	<29.5	ug/kg	68.6	29.5	1	05/31/22 08:00	05/31/22 15:22	75-71-8	
Diisopropyl ether	<17.0	ug/kg	68.6	17.0	1	05/31/22 08:00	05/31/22 15:22	108-20-3	
Ethylbenzene	<16.3	ug/kg	68.6	16.3	1	05/31/22 08:00	05/31/22 15:22	100-41-4	
Hexachloro-1,3-butadiene	<136	ug/kg	343	136	1	05/31/22 08:00	05/31/22 15:22	87-68-3	
Isopropylbenzene (Cumene)	<18.5	ug/kg	68.6	18.5	1	05/31/22 08:00	05/31/22 15:22	98-82-8	
Methyl-tert-butyl ether	<20.2	ug/kg	68.6	20.2	1	05/31/22 08:00	05/31/22 15:22	1634-04-4	
Methylene Chloride	<19.1	ug/kg	68.6	19.1	1	05/31/22 08:00	05/31/22 15:22	75-09-2	
Naphthalene	<21.4	ug/kg	343	21.4	1	05/31/22 08:00	05/31/22 15:22	91-20-3	

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ANALYTICAL RESULTS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Sample: SB-7 (2-3) **Lab ID: 40245687003** Collected: 05/27/22 11:50 Received: 05/28/22 07:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<17.6	ug/kg	68.6	17.6	1	05/31/22 08:00	05/31/22 15:22	100-42-5	
Tetrachloroethene	<26.6	ug/kg	68.6	26.6	1	05/31/22 08:00	05/31/22 15:22	127-18-4	
Toluene	<17.3	ug/kg	68.6	17.3	1	05/31/22 08:00	05/31/22 15:22	108-88-3	
Trichloroethene	<25.6	ug/kg	68.6	25.6	1	05/31/22 08:00	05/31/22 15:22	79-01-6	
Trichlorofluoromethane	<19.9	ug/kg	68.6	19.9	1	05/31/22 08:00	05/31/22 15:22	75-69-4	
Vinyl chloride	<13.9	ug/kg	68.6	13.9	1	05/31/22 08:00	05/31/22 15:22	75-01-4	
Xylene (Total)	<49.5	ug/kg	206	49.5	1	05/31/22 08:00	05/31/22 15:22	1330-20-7	
cis-1,2-Dichloroethene	<14.7	ug/kg	68.6	14.7	1	05/31/22 08:00	05/31/22 15:22	156-59-2	
cis-1,3-Dichloropropene	<45.3	ug/kg	343	45.3	1	05/31/22 08:00	05/31/22 15:22	10061-01-5	
m&p-Xylene	<28.9	ug/kg	137	28.9	1	05/31/22 08:00	05/31/22 15:22	179601-23-1	
n-Butylbenzene	<31.4	ug/kg	68.6	31.4	1	05/31/22 08:00	05/31/22 15:22	104-51-8	
n-Propylbenzene	<16.5	ug/kg	68.6	16.5	1	05/31/22 08:00	05/31/22 15:22	103-65-1	
o-Xylene	<20.6	ug/kg	68.6	20.6	1	05/31/22 08:00	05/31/22 15:22	95-47-6	
p-Isopropyltoluene	<20.8	ug/kg	68.6	20.8	1	05/31/22 08:00	05/31/22 15:22	99-87-6	
sec-Butylbenzene	<16.7	ug/kg	68.6	16.7	1	05/31/22 08:00	05/31/22 15:22	135-98-8	
tert-Butylbenzene	<21.5	ug/kg	68.6	21.5	1	05/31/22 08:00	05/31/22 15:22	98-06-6	
trans-1,2-Dichloroethene	<14.8	ug/kg	68.6	14.8	1	05/31/22 08:00	05/31/22 15:22	156-60-5	
trans-1,3-Dichloropropene	<196	ug/kg	343	196	1	05/31/22 08:00	05/31/22 15:22	10061-02-6	
Surrogates									
Toluene-d8 (S)	127	%	69-153		1	05/31/22 08:00	05/31/22 15:22	2037-26-5	
4-Bromofluorobenzene (S)	125	%	68-156		1	05/31/22 08:00	05/31/22 15:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	135	%	71-161		1	05/31/22 08:00	05/31/22 15:22	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	15.7	%	0.10	0.10	1		05/31/22 12:42		

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ANALYTICAL RESULTS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Sample: SB-7 (15-16) **Lab ID: 40245687004** Collected: 05/27/22 12:05 Received: 05/28/22 07:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<21.6	ug/kg	89.9	21.6	1	05/31/22 08:00	05/31/22 15:42	630-20-6	
1,1,1-Trichloroethane	<23.0	ug/kg	89.9	23.0	1	05/31/22 08:00	05/31/22 15:42	71-55-6	
1,1,2,2-Tetrachloroethane	<32.5	ug/kg	89.9	32.5	1	05/31/22 08:00	05/31/22 15:42	79-34-5	
1,1,2-Trichloroethane	<32.7	ug/kg	89.9	32.7	1	05/31/22 08:00	05/31/22 15:42	79-00-5	
1,1-Dichloroethane	<23.0	ug/kg	89.9	23.0	1	05/31/22 08:00	05/31/22 15:42	75-34-3	
1,1-Dichloroethene	<29.9	ug/kg	89.9	29.9	1	05/31/22 08:00	05/31/22 15:42	75-35-4	
1,1-Dichloropropene	<29.1	ug/kg	89.9	29.1	1	05/31/22 08:00	05/31/22 15:42	563-58-6	
1,2,3-Trichlorobenzene	<100	ug/kg	450	100	1	05/31/22 08:00	05/31/22 15:42	87-61-6	
1,2,3-Trichloropropane	<43.7	ug/kg	89.9	43.7	1	05/31/22 08:00	05/31/22 15:42	96-18-4	
1,2,4-Trichlorobenzene	<74.1	ug/kg	450	74.1	1	05/31/22 08:00	05/31/22 15:42	120-82-1	
1,2,4-Trimethylbenzene	<26.8	ug/kg	89.9	26.8	1	05/31/22 08:00	05/31/22 15:42	95-63-6	
1,2-Dibromo-3-chloropropane	<69.8	ug/kg	450	69.8	1	05/31/22 08:00	05/31/22 15:42	96-12-8	
1,2-Dibromoethane (EDB)	<24.6	ug/kg	89.9	24.6	1	05/31/22 08:00	05/31/22 15:42	106-93-4	
1,2-Dichlorobenzene	<27.9	ug/kg	89.9	27.9	1	05/31/22 08:00	05/31/22 15:42	95-50-1	
1,2-Dichloroethane	<20.7	ug/kg	89.9	20.7	1	05/31/22 08:00	05/31/22 15:42	107-06-2	
1,2-Dichloropropane	<21.4	ug/kg	89.9	21.4	1	05/31/22 08:00	05/31/22 15:42	78-87-5	
1,3,5-Trimethylbenzene	<29.0	ug/kg	89.9	29.0	1	05/31/22 08:00	05/31/22 15:42	108-67-8	
1,3-Dichlorobenzene	<24.6	ug/kg	89.9	24.6	1	05/31/22 08:00	05/31/22 15:42	541-73-1	
1,3-Dichloropropane	<19.6	ug/kg	89.9	19.6	1	05/31/22 08:00	05/31/22 15:42	142-28-9	
1,4-Dichlorobenzene	<24.6	ug/kg	89.9	24.6	1	05/31/22 08:00	05/31/22 15:42	106-46-7	
2,2-Dichloropropane	<24.3	ug/kg	89.9	24.3	1	05/31/22 08:00	05/31/22 15:42	594-20-7	
2-Chlorotoluene	<29.1	ug/kg	89.9	29.1	1	05/31/22 08:00	05/31/22 15:42	95-49-8	
4-Chlorotoluene	<34.2	ug/kg	89.9	34.2	1	05/31/22 08:00	05/31/22 15:42	106-43-4	
Benzene	<21.4	ug/kg	36.0	21.4	1	05/31/22 08:00	05/31/22 15:42	71-43-2	
Bromobenzene	<35.1	ug/kg	89.9	35.1	1	05/31/22 08:00	05/31/22 15:42	108-86-1	
Bromochloromethane	<24.6	ug/kg	89.9	24.6	1	05/31/22 08:00	05/31/22 15:42	74-97-5	
Bromodichloromethane	<21.4	ug/kg	89.9	21.4	1	05/31/22 08:00	05/31/22 15:42	75-27-4	
Bromoform	<396	ug/kg	450	396	1	05/31/22 08:00	05/31/22 15:42	75-25-2	
Bromomethane	<126	ug/kg	450	126	1	05/31/22 08:00	05/31/22 15:42	74-83-9	
Carbon tetrachloride	<19.8	ug/kg	89.9	19.8	1	05/31/22 08:00	05/31/22 15:42	56-23-5	
Chlorobenzene	<10.8	ug/kg	89.9	10.8	1	05/31/22 08:00	05/31/22 15:42	108-90-7	
Chloroethane	<37.9	ug/kg	450	37.9	1	05/31/22 08:00	05/31/22 15:42	75-00-3	
Chloroform	<64.4	ug/kg	450	64.4	1	05/31/22 08:00	05/31/22 15:42	67-66-3	
Chloromethane	<34.2	ug/kg	89.9	34.2	1	05/31/22 08:00	05/31/22 15:42	74-87-3	
Dibromochloromethane	<307	ug/kg	450	307	1	05/31/22 08:00	05/31/22 15:42	124-48-1	
Dibromomethane	<26.6	ug/kg	89.9	26.6	1	05/31/22 08:00	05/31/22 15:42	74-95-3	
Dichlorodifluoromethane	<38.7	ug/kg	89.9	38.7	1	05/31/22 08:00	05/31/22 15:42	75-71-8	
Diisopropyl ether	<22.3	ug/kg	89.9	22.3	1	05/31/22 08:00	05/31/22 15:42	108-20-3	
Ethylbenzene	<21.4	ug/kg	89.9	21.4	1	05/31/22 08:00	05/31/22 15:42	100-41-4	
Hexachloro-1,3-butadiene	<179	ug/kg	450	179	1	05/31/22 08:00	05/31/22 15:42	87-68-3	
Isopropylbenzene (Cumene)	<24.3	ug/kg	89.9	24.3	1	05/31/22 08:00	05/31/22 15:42	98-82-8	
Methyl-tert-butyl ether	<26.4	ug/kg	89.9	26.4	1	05/31/22 08:00	05/31/22 15:42	1634-04-4	
Methylene Chloride	<25.0	ug/kg	89.9	25.0	1	05/31/22 08:00	05/31/22 15:42	75-09-2	
Naphthalene	<28.1	ug/kg	450	28.1	1	05/31/22 08:00	05/31/22 15:42	91-20-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Sample: SB-7 (15-16) **Lab ID: 40245687004** Collected: 05/27/22 12:05 Received: 05/28/22 07:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<23.0	ug/kg	89.9	23.0	1	05/31/22 08:00	05/31/22 15:42	100-42-5	
Tetrachloroethene	<34.9	ug/kg	89.9	34.9	1	05/31/22 08:00	05/31/22 15:42	127-18-4	
Toluene	<22.7	ug/kg	89.9	22.7	1	05/31/22 08:00	05/31/22 15:42	108-88-3	
Trichloroethene	<33.6	ug/kg	89.9	33.6	1	05/31/22 08:00	05/31/22 15:42	79-01-6	
Trichlorofluoromethane	<26.1	ug/kg	89.9	26.1	1	05/31/22 08:00	05/31/22 15:42	75-69-4	
Vinyl chloride	<18.2	ug/kg	89.9	18.2	1	05/31/22 08:00	05/31/22 15:42	75-01-4	
Xylene (Total)	<64.9	ug/kg	270	64.9	1	05/31/22 08:00	05/31/22 15:42	1330-20-7	
cis-1,2-Dichloroethene	<19.2	ug/kg	89.9	19.2	1	05/31/22 08:00	05/31/22 15:42	156-59-2	
cis-1,3-Dichloropropene	<59.3	ug/kg	450	59.3	1	05/31/22 08:00	05/31/22 15:42	10061-01-5	
m&p-Xylene	<37.9	ug/kg	180	37.9	1	05/31/22 08:00	05/31/22 15:42	179601-23-1	
n-Butylbenzene	<41.2	ug/kg	89.9	41.2	1	05/31/22 08:00	05/31/22 15:42	104-51-8	
n-Propylbenzene	<21.6	ug/kg	89.9	21.6	1	05/31/22 08:00	05/31/22 15:42	103-65-1	
o-Xylene	<27.0	ug/kg	89.9	27.0	1	05/31/22 08:00	05/31/22 15:42	95-47-6	
p-Isopropyltoluene	<27.3	ug/kg	89.9	27.3	1	05/31/22 08:00	05/31/22 15:42	99-87-6	
sec-Butylbenzene	<21.9	ug/kg	89.9	21.9	1	05/31/22 08:00	05/31/22 15:42	135-98-8	
tert-Butylbenzene	<28.2	ug/kg	89.9	28.2	1	05/31/22 08:00	05/31/22 15:42	98-06-6	
trans-1,2-Dichloroethene	<19.4	ug/kg	89.9	19.4	1	05/31/22 08:00	05/31/22 15:42	156-60-5	
trans-1,3-Dichloropropene	<257	ug/kg	450	257	1	05/31/22 08:00	05/31/22 15:42	10061-02-6	
Surrogates									
Toluene-d8 (S)	131	%	69-153		1	05/31/22 08:00	05/31/22 15:42	2037-26-5	
4-Bromofluorobenzene (S)	131	%	68-156		1	05/31/22 08:00	05/31/22 15:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	138	%	71-161		1	05/31/22 08:00	05/31/22 15:42	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	28.5	%	0.10	0.10	1		05/31/22 12:42		

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ANALYTICAL RESULTS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Sample: SB-9 (5-6) **Lab ID: 40245687005** Collected: 05/27/22 12:55 Received: 05/28/22 07:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<20.8	ug/kg	86.5	20.8	1	05/31/22 08:00	05/31/22 16:02	630-20-6	
1,1,1-Trichloroethane	<22.1	ug/kg	86.5	22.1	1	05/31/22 08:00	05/31/22 16:02	71-55-6	
1,1,2,2-Tetrachloroethane	<31.3	ug/kg	86.5	31.3	1	05/31/22 08:00	05/31/22 16:02	79-34-5	
1,1,2-Trichloroethane	<31.5	ug/kg	86.5	31.5	1	05/31/22 08:00	05/31/22 16:02	79-00-5	
1,1-Dichloroethane	<22.1	ug/kg	86.5	22.1	1	05/31/22 08:00	05/31/22 16:02	75-34-3	
1,1-Dichloroethene	<28.7	ug/kg	86.5	28.7	1	05/31/22 08:00	05/31/22 16:02	75-35-4	
1,1-Dichloropropene	<28.0	ug/kg	86.5	28.0	1	05/31/22 08:00	05/31/22 16:02	563-58-6	
1,2,3-Trichlorobenzene	<96.3	ug/kg	432	96.3	1	05/31/22 08:00	05/31/22 16:02	87-61-6	
1,2,3-Trichloropropane	<42.0	ug/kg	86.5	42.0	1	05/31/22 08:00	05/31/22 16:02	96-18-4	
1,2,4-Trichlorobenzene	<71.3	ug/kg	432	71.3	1	05/31/22 08:00	05/31/22 16:02	120-82-1	
1,2,4-Trimethylbenzene	<25.8	ug/kg	86.5	25.8	1	05/31/22 08:00	05/31/22 16:02	95-63-6	
1,2-Dibromo-3-chloropropane	<67.1	ug/kg	432	67.1	1	05/31/22 08:00	05/31/22 16:02	96-12-8	
1,2-Dibromoethane (EDB)	<23.7	ug/kg	86.5	23.7	1	05/31/22 08:00	05/31/22 16:02	106-93-4	
1,2-Dichlorobenzene	<26.8	ug/kg	86.5	26.8	1	05/31/22 08:00	05/31/22 16:02	95-50-1	
1,2-Dichloroethane	<19.9	ug/kg	86.5	19.9	1	05/31/22 08:00	05/31/22 16:02	107-06-2	
1,2-Dichloropropane	<20.6	ug/kg	86.5	20.6	1	05/31/22 08:00	05/31/22 16:02	78-87-5	
1,3,5-Trimethylbenzene	<27.8	ug/kg	86.5	27.8	1	05/31/22 08:00	05/31/22 16:02	108-67-8	
1,3-Dichlorobenzene	<23.7	ug/kg	86.5	23.7	1	05/31/22 08:00	05/31/22 16:02	541-73-1	
1,3-Dichloropropane	<18.9	ug/kg	86.5	18.9	1	05/31/22 08:00	05/31/22 16:02	142-28-9	
1,4-Dichlorobenzene	<23.7	ug/kg	86.5	23.7	1	05/31/22 08:00	05/31/22 16:02	106-46-7	
2,2-Dichloropropane	<23.4	ug/kg	86.5	23.4	1	05/31/22 08:00	05/31/22 16:02	594-20-7	
2-Chlorotoluene	<28.0	ug/kg	86.5	28.0	1	05/31/22 08:00	05/31/22 16:02	95-49-8	
4-Chlorotoluene	<32.9	ug/kg	86.5	32.9	1	05/31/22 08:00	05/31/22 16:02	106-43-4	
Benzene	<20.6	ug/kg	34.6	20.6	1	05/31/22 08:00	05/31/22 16:02	71-43-2	
Bromobenzene	<33.7	ug/kg	86.5	33.7	1	05/31/22 08:00	05/31/22 16:02	108-86-1	
Bromochloromethane	<23.7	ug/kg	86.5	23.7	1	05/31/22 08:00	05/31/22 16:02	74-97-5	
Bromodichloromethane	<20.6	ug/kg	86.5	20.6	1	05/31/22 08:00	05/31/22 16:02	75-27-4	
Bromoform	<381	ug/kg	432	381	1	05/31/22 08:00	05/31/22 16:02	75-25-2	
Bromomethane	<121	ug/kg	432	121	1	05/31/22 08:00	05/31/22 16:02	74-83-9	
Carbon tetrachloride	<19.0	ug/kg	86.5	19.0	1	05/31/22 08:00	05/31/22 16:02	56-23-5	
Chlorobenzene	<10.4	ug/kg	86.5	10.4	1	05/31/22 08:00	05/31/22 16:02	108-90-7	
Chloroethane	<36.5	ug/kg	432	36.5	1	05/31/22 08:00	05/31/22 16:02	75-00-3	
Chloroform	<61.9	ug/kg	432	61.9	1	05/31/22 08:00	05/31/22 16:02	67-66-3	
Chloromethane	<32.9	ug/kg	86.5	32.9	1	05/31/22 08:00	05/31/22 16:02	74-87-3	
Dibromochloromethane	<296	ug/kg	432	296	1	05/31/22 08:00	05/31/22 16:02	124-48-1	
Dibromomethane	<25.6	ug/kg	86.5	25.6	1	05/31/22 08:00	05/31/22 16:02	74-95-3	
Dichlorodifluoromethane	<37.2	ug/kg	86.5	37.2	1	05/31/22 08:00	05/31/22 16:02	75-71-8	
Diisopropyl ether	<21.4	ug/kg	86.5	21.4	1	05/31/22 08:00	05/31/22 16:02	108-20-3	
Ethylbenzene	<20.6	ug/kg	86.5	20.6	1	05/31/22 08:00	05/31/22 16:02	100-41-4	
Hexachloro-1,3-butadiene	<172	ug/kg	432	172	1	05/31/22 08:00	05/31/22 16:02	87-68-3	
Isopropylbenzene (Cumene)	<23.4	ug/kg	86.5	23.4	1	05/31/22 08:00	05/31/22 16:02	98-82-8	
Methyl-tert-butyl ether	<25.4	ug/kg	86.5	25.4	1	05/31/22 08:00	05/31/22 16:02	1634-04-4	
Methylene Chloride	<24.0	ug/kg	86.5	24.0	1	05/31/22 08:00	05/31/22 16:02	75-09-2	
Naphthalene	<27.0	ug/kg	432	27.0	1	05/31/22 08:00	05/31/22 16:02	91-20-3	

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ANALYTICAL RESULTS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Sample: SB-9 (5-6) **Lab ID: 40245687005** Collected: 05/27/22 12:55 Received: 05/28/22 07:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<22.1	ug/kg	86.5	22.1	1	05/31/22 08:00	05/31/22 16:02	100-42-5	
Tetrachloroethene	<33.6	ug/kg	86.5	33.6	1	05/31/22 08:00	05/31/22 16:02	127-18-4	
Toluene	<21.8	ug/kg	86.5	21.8	1	05/31/22 08:00	05/31/22 16:02	108-88-3	
Trichloroethene	<32.3	ug/kg	86.5	32.3	1	05/31/22 08:00	05/31/22 16:02	79-01-6	
Trichlorofluoromethane	<25.1	ug/kg	86.5	25.1	1	05/31/22 08:00	05/31/22 16:02	75-69-4	
Vinyl chloride	<17.5	ug/kg	86.5	17.5	1	05/31/22 08:00	05/31/22 16:02	75-01-4	
Xylene (Total)	<62.4	ug/kg	259	62.4	1	05/31/22 08:00	05/31/22 16:02	1330-20-7	
cis-1,2-Dichloroethene	<18.5	ug/kg	86.5	18.5	1	05/31/22 08:00	05/31/22 16:02	156-59-2	
cis-1,3-Dichloropropene	<57.1	ug/kg	432	57.1	1	05/31/22 08:00	05/31/22 16:02	10061-01-5	
m&p-Xylene	<36.5	ug/kg	173	36.5	1	05/31/22 08:00	05/31/22 16:02	179601-23-1	
n-Butylbenzene	<39.6	ug/kg	86.5	39.6	1	05/31/22 08:00	05/31/22 16:02	104-51-8	
n-Propylbenzene	<20.8	ug/kg	86.5	20.8	1	05/31/22 08:00	05/31/22 16:02	103-65-1	
o-Xylene	<25.9	ug/kg	86.5	25.9	1	05/31/22 08:00	05/31/22 16:02	95-47-6	
p-Isopropyltoluene	<26.3	ug/kg	86.5	26.3	1	05/31/22 08:00	05/31/22 16:02	99-87-6	
sec-Butylbenzene	<21.1	ug/kg	86.5	21.1	1	05/31/22 08:00	05/31/22 16:02	135-98-8	
tert-Butylbenzene	<27.2	ug/kg	86.5	27.2	1	05/31/22 08:00	05/31/22 16:02	98-06-6	
trans-1,2-Dichloroethene	<18.7	ug/kg	86.5	18.7	1	05/31/22 08:00	05/31/22 16:02	156-60-5	
trans-1,3-Dichloropropene	<247	ug/kg	432	247	1	05/31/22 08:00	05/31/22 16:02	10061-02-6	
Surrogates									
Toluene-d8 (S)	127	%	69-153		1	05/31/22 08:00	05/31/22 16:02	2037-26-5	
4-Bromofluorobenzene (S)	125	%	68-156		1	05/31/22 08:00	05/31/22 16:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	134	%	71-161		1	05/31/22 08:00	05/31/22 16:02	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	26.7	%	0.10	0.10	1		05/31/22 12:43		

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ANALYTICAL RESULTS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Sample: SB-9 (12-13) **Lab ID: 40245687006** Collected: 05/27/22 13:00 Received: 05/28/22 07:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<19.2	ug/kg	80.1	19.2	1	05/31/22 08:00	05/31/22 16:23	630-20-6	
1,1,1-Trichloroethane	<20.5	ug/kg	80.1	20.5	1	05/31/22 08:00	05/31/22 16:23	71-55-6	
1,1,2,2-Tetrachloroethane	<29.0	ug/kg	80.1	29.0	1	05/31/22 08:00	05/31/22 16:23	79-34-5	
1,1,2-Trichloroethane	<29.1	ug/kg	80.1	29.1	1	05/31/22 08:00	05/31/22 16:23	79-00-5	
1,1-Dichloroethane	<20.5	ug/kg	80.1	20.5	1	05/31/22 08:00	05/31/22 16:23	75-34-3	
1,1-Dichloroethene	<26.6	ug/kg	80.1	26.6	1	05/31/22 08:00	05/31/22 16:23	75-35-4	
1,1-Dichloropropene	<25.9	ug/kg	80.1	25.9	1	05/31/22 08:00	05/31/22 16:23	563-58-6	
1,2,3-Trichlorobenzene	<89.2	ug/kg	400	89.2	1	05/31/22 08:00	05/31/22 16:23	87-61-6	
1,2,3-Trichloropropane	<38.9	ug/kg	80.1	38.9	1	05/31/22 08:00	05/31/22 16:23	96-18-4	
1,2,4-Trichlorobenzene	<66.0	ug/kg	400	66.0	1	05/31/22 08:00	05/31/22 16:23	120-82-1	
1,2,4-Trimethylbenzene	<23.9	ug/kg	80.1	23.9	1	05/31/22 08:00	05/31/22 16:23	95-63-6	
1,2-Dibromo-3-chloropropane	<62.1	ug/kg	400	62.1	1	05/31/22 08:00	05/31/22 16:23	96-12-8	
1,2-Dibromoethane (EDB)	<21.9	ug/kg	80.1	21.9	1	05/31/22 08:00	05/31/22 16:23	106-93-4	
1,2-Dichlorobenzene	<24.8	ug/kg	80.1	24.8	1	05/31/22 08:00	05/31/22 16:23	95-50-1	
1,2-Dichloroethane	<18.4	ug/kg	80.1	18.4	1	05/31/22 08:00	05/31/22 16:23	107-06-2	
1,2-Dichloropropane	<19.1	ug/kg	80.1	19.1	1	05/31/22 08:00	05/31/22 16:23	78-87-5	
1,3,5-Trimethylbenzene	<25.8	ug/kg	80.1	25.8	1	05/31/22 08:00	05/31/22 16:23	108-67-8	
1,3-Dichlorobenzene	<21.9	ug/kg	80.1	21.9	1	05/31/22 08:00	05/31/22 16:23	541-73-1	
1,3-Dichloropropane	<17.5	ug/kg	80.1	17.5	1	05/31/22 08:00	05/31/22 16:23	142-28-9	
1,4-Dichlorobenzene	<21.9	ug/kg	80.1	21.9	1	05/31/22 08:00	05/31/22 16:23	106-46-7	
2,2-Dichloropropane	<21.6	ug/kg	80.1	21.6	1	05/31/22 08:00	05/31/22 16:23	594-20-7	
2-Chlorotoluene	<25.9	ug/kg	80.1	25.9	1	05/31/22 08:00	05/31/22 16:23	95-49-8	
4-Chlorotoluene	<30.4	ug/kg	80.1	30.4	1	05/31/22 08:00	05/31/22 16:23	106-43-4	
Benzene	<19.1	ug/kg	32.0	19.1	1	05/31/22 08:00	05/31/22 16:23	71-43-2	
Bromobenzene	<31.2	ug/kg	80.1	31.2	1	05/31/22 08:00	05/31/22 16:23	108-86-1	
Bromochloromethane	<21.9	ug/kg	80.1	21.9	1	05/31/22 08:00	05/31/22 16:23	74-97-5	
Bromodichloromethane	<19.1	ug/kg	80.1	19.1	1	05/31/22 08:00	05/31/22 16:23	75-27-4	
Bromoform	<352	ug/kg	400	352	1	05/31/22 08:00	05/31/22 16:23	75-25-2	
Bromomethane	<112	ug/kg	400	112	1	05/31/22 08:00	05/31/22 16:23	74-83-9	
Carbon tetrachloride	<17.6	ug/kg	80.1	17.6	1	05/31/22 08:00	05/31/22 16:23	56-23-5	
Chlorobenzene	<9.6	ug/kg	80.1	9.6	1	05/31/22 08:00	05/31/22 16:23	108-90-7	
Chloroethane	<33.8	ug/kg	400	33.8	1	05/31/22 08:00	05/31/22 16:23	75-00-3	
Chloroform	<57.3	ug/kg	400	57.3	1	05/31/22 08:00	05/31/22 16:23	67-66-3	
Chloromethane	<30.4	ug/kg	80.1	30.4	1	05/31/22 08:00	05/31/22 16:23	74-87-3	
Dibromochloromethane	<274	ug/kg	400	274	1	05/31/22 08:00	05/31/22 16:23	124-48-1	
Dibromomethane	<23.7	ug/kg	80.1	23.7	1	05/31/22 08:00	05/31/22 16:23	74-95-3	
Dichlorodifluoromethane	<34.4	ug/kg	80.1	34.4	1	05/31/22 08:00	05/31/22 16:23	75-71-8	
Diisopropyl ether	<19.9	ug/kg	80.1	19.9	1	05/31/22 08:00	05/31/22 16:23	108-20-3	
Ethylbenzene	<19.1	ug/kg	80.1	19.1	1	05/31/22 08:00	05/31/22 16:23	100-41-4	
Hexachloro-1,3-butadiene	<159	ug/kg	400	159	1	05/31/22 08:00	05/31/22 16:23	87-68-3	
Isopropylbenzene (Cumene)	<21.6	ug/kg	80.1	21.6	1	05/31/22 08:00	05/31/22 16:23	98-82-8	
Methyl-tert-butyl ether	<23.5	ug/kg	80.1	23.5	1	05/31/22 08:00	05/31/22 16:23	1634-04-4	
Methylene Chloride	<22.3	ug/kg	80.1	22.3	1	05/31/22 08:00	05/31/22 16:23	75-09-2	
Naphthalene	<25.0	ug/kg	400	25.0	1	05/31/22 08:00	05/31/22 16:23	91-20-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Sample: SB-9 (12-13) **Lab ID: 40245687006** Collected: 05/27/22 13:00 Received: 05/28/22 07:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<20.5	ug/kg	80.1	20.5	1	05/31/22 08:00	05/31/22 16:23	100-42-5	
Tetrachloroethene	<31.1	ug/kg	80.1	31.1	1	05/31/22 08:00	05/31/22 16:23	127-18-4	
Toluene	<20.2	ug/kg	80.1	20.2	1	05/31/22 08:00	05/31/22 16:23	108-88-3	
Trichloroethene	<29.9	ug/kg	80.1	29.9	1	05/31/22 08:00	05/31/22 16:23	79-01-6	
Trichlorofluoromethane	<23.2	ug/kg	80.1	23.2	1	05/31/22 08:00	05/31/22 16:23	75-69-4	
Vinyl chloride	<16.2	ug/kg	80.1	16.2	1	05/31/22 08:00	05/31/22 16:23	75-01-4	
Xylene (Total)	<57.8	ug/kg	240	57.8	1	05/31/22 08:00	05/31/22 16:23	1330-20-7	
cis-1,2-Dichloroethene	<17.1	ug/kg	80.1	17.1	1	05/31/22 08:00	05/31/22 16:23	156-59-2	
cis-1,3-Dichloropropene	<52.9	ug/kg	400	52.9	1	05/31/22 08:00	05/31/22 16:23	10061-01-5	
m&p-Xylene	<33.8	ug/kg	160	33.8	1	05/31/22 08:00	05/31/22 16:23	179601-23-1	
n-Butylbenzene	<36.7	ug/kg	80.1	36.7	1	05/31/22 08:00	05/31/22 16:23	104-51-8	
n-Propylbenzene	<19.2	ug/kg	80.1	19.2	1	05/31/22 08:00	05/31/22 16:23	103-65-1	
o-Xylene	<24.0	ug/kg	80.1	24.0	1	05/31/22 08:00	05/31/22 16:23	95-47-6	
p-Isopropyltoluene	<24.3	ug/kg	80.1	24.3	1	05/31/22 08:00	05/31/22 16:23	99-87-6	
sec-Butylbenzene	<19.5	ug/kg	80.1	19.5	1	05/31/22 08:00	05/31/22 16:23	135-98-8	
tert-Butylbenzene	<25.1	ug/kg	80.1	25.1	1	05/31/22 08:00	05/31/22 16:23	98-06-6	
trans-1,2-Dichloroethene	<17.3	ug/kg	80.1	17.3	1	05/31/22 08:00	05/31/22 16:23	156-60-5	
trans-1,3-Dichloropropene	<229	ug/kg	400	229	1	05/31/22 08:00	05/31/22 16:23	10061-02-6	
Surrogates									
Toluene-d8 (S)	137	%	69-153		1	05/31/22 08:00	05/31/22 16:23	2037-26-5	
4-Bromofluorobenzene (S)	138	%	68-156		1	05/31/22 08:00	05/31/22 16:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	146	%	71-161		1	05/31/22 08:00	05/31/22 16:23	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	23.1	%	0.10	0.10	1		05/31/22 12:43		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Sample: TRIP BLANK **Lab ID: 40245687007** Collected: 05/27/22 00:00 Received: 05/28/22 07:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<12.0	ug/kg	50.0	12.0	1	05/31/22 08:00	05/31/22 13:21	630-20-6	
1,1,1-Trichloroethane	<12.8	ug/kg	50.0	12.8	1	05/31/22 08:00	05/31/22 13:21	71-55-6	
1,1,2,2-Tetrachloroethane	<18.1	ug/kg	50.0	18.1	1	05/31/22 08:00	05/31/22 13:21	79-34-5	
1,1,2-Trichloroethane	<18.2	ug/kg	50.0	18.2	1	05/31/22 08:00	05/31/22 13:21	79-00-5	
1,1-Dichloroethane	<12.8	ug/kg	50.0	12.8	1	05/31/22 08:00	05/31/22 13:21	75-34-3	
1,1-Dichloroethene	<16.6	ug/kg	50.0	16.6	1	05/31/22 08:00	05/31/22 13:21	75-35-4	
1,1-Dichloropropene	<16.2	ug/kg	50.0	16.2	1	05/31/22 08:00	05/31/22 13:21	563-58-6	
1,2,3-Trichlorobenzene	<55.7	ug/kg	250	55.7	1	05/31/22 08:00	05/31/22 13:21	87-61-6	
1,2,3-Trichloropropane	<24.3	ug/kg	50.0	24.3	1	05/31/22 08:00	05/31/22 13:21	96-18-4	
1,2,4-Trichlorobenzene	<41.2	ug/kg	250	41.2	1	05/31/22 08:00	05/31/22 13:21	120-82-1	
1,2,4-Trimethylbenzene	<14.9	ug/kg	50.0	14.9	1	05/31/22 08:00	05/31/22 13:21	95-63-6	
1,2-Dibromo-3-chloropropane	<38.8	ug/kg	250	38.8	1	05/31/22 08:00	05/31/22 13:21	96-12-8	
1,2-Dibromoethane (EDB)	<13.7	ug/kg	50.0	13.7	1	05/31/22 08:00	05/31/22 13:21	106-93-4	
1,2-Dichlorobenzene	<15.5	ug/kg	50.0	15.5	1	05/31/22 08:00	05/31/22 13:21	95-50-1	
1,2-Dichloroethane	<11.5	ug/kg	50.0	11.5	1	05/31/22 08:00	05/31/22 13:21	107-06-2	
1,2-Dichloropropane	<11.9	ug/kg	50.0	11.9	1	05/31/22 08:00	05/31/22 13:21	78-87-5	
1,3,5-Trimethylbenzene	<16.1	ug/kg	50.0	16.1	1	05/31/22 08:00	05/31/22 13:21	108-67-8	
1,3-Dichlorobenzene	<13.7	ug/kg	50.0	13.7	1	05/31/22 08:00	05/31/22 13:21	541-73-1	
1,3-Dichloropropane	<10.9	ug/kg	50.0	10.9	1	05/31/22 08:00	05/31/22 13:21	142-28-9	
1,4-Dichlorobenzene	<13.7	ug/kg	50.0	13.7	1	05/31/22 08:00	05/31/22 13:21	106-46-7	
2,2-Dichloropropane	<13.5	ug/kg	50.0	13.5	1	05/31/22 08:00	05/31/22 13:21	594-20-7	
2-Chlorotoluene	<16.2	ug/kg	50.0	16.2	1	05/31/22 08:00	05/31/22 13:21	95-49-8	
4-Chlorotoluene	<19.0	ug/kg	50.0	19.0	1	05/31/22 08:00	05/31/22 13:21	106-43-4	
Benzene	<11.9	ug/kg	20.0	11.9	1	05/31/22 08:00	05/31/22 13:21	71-43-2	
Bromobenzene	<19.5	ug/kg	50.0	19.5	1	05/31/22 08:00	05/31/22 13:21	108-86-1	
Bromochloromethane	<13.7	ug/kg	50.0	13.7	1	05/31/22 08:00	05/31/22 13:21	74-97-5	
Bromodichloromethane	<11.9	ug/kg	50.0	11.9	1	05/31/22 08:00	05/31/22 13:21	75-27-4	
Bromoform	<220	ug/kg	250	220	1	05/31/22 08:00	05/31/22 13:21	75-25-2	
Bromomethane	<70.1	ug/kg	250	70.1	1	05/31/22 08:00	05/31/22 13:21	74-83-9	
Carbon tetrachloride	<11.0	ug/kg	50.0	11.0	1	05/31/22 08:00	05/31/22 13:21	56-23-5	
Chlorobenzene	<6.0	ug/kg	50.0	6.0	1	05/31/22 08:00	05/31/22 13:21	108-90-7	
Chloroethane	<21.1	ug/kg	250	21.1	1	05/31/22 08:00	05/31/22 13:21	75-00-3	
Chloroform	<35.8	ug/kg	250	35.8	1	05/31/22 08:00	05/31/22 13:21	67-66-3	
Chloromethane	<19.0	ug/kg	50.0	19.0	1	05/31/22 08:00	05/31/22 13:21	74-87-3	
Dibromochloromethane	<171	ug/kg	250	171	1	05/31/22 08:00	05/31/22 13:21	124-48-1	
Dibromomethane	<14.8	ug/kg	50.0	14.8	1	05/31/22 08:00	05/31/22 13:21	74-95-3	
Dichlorodifluoromethane	<21.5	ug/kg	50.0	21.5	1	05/31/22 08:00	05/31/22 13:21	75-71-8	
Diisopropyl ether	<12.4	ug/kg	50.0	12.4	1	05/31/22 08:00	05/31/22 13:21	108-20-3	
Ethylbenzene	<11.9	ug/kg	50.0	11.9	1	05/31/22 08:00	05/31/22 13:21	100-41-4	
Hexachloro-1,3-butadiene	<99.4	ug/kg	250	99.4	1	05/31/22 08:00	05/31/22 13:21	87-68-3	
Isopropylbenzene (Cumene)	<13.5	ug/kg	50.0	13.5	1	05/31/22 08:00	05/31/22 13:21	98-82-8	
Methyl-tert-butyl ether	<14.7	ug/kg	50.0	14.7	1	05/31/22 08:00	05/31/22 13:21	1634-04-4	
Methylene Chloride	<13.9	ug/kg	50.0	13.9	1	05/31/22 08:00	05/31/22 13:21	75-09-2	
Naphthalene	<15.6	ug/kg	250	15.6	1	05/31/22 08:00	05/31/22 13:21	91-20-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Sample: TRIP BLANK **Lab ID: 40245687007** Collected: 05/27/22 00:00 Received: 05/28/22 07:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<12.8	ug/kg	50.0	12.8	1	05/31/22 08:00	05/31/22 13:21	100-42-5	
Tetrachloroethene	<19.4	ug/kg	50.0	19.4	1	05/31/22 08:00	05/31/22 13:21	127-18-4	
Toluene	<12.6	ug/kg	50.0	12.6	1	05/31/22 08:00	05/31/22 13:21	108-88-3	
Trichloroethene	<18.7	ug/kg	50.0	18.7	1	05/31/22 08:00	05/31/22 13:21	79-01-6	
Trichlorofluoromethane	<14.5	ug/kg	50.0	14.5	1	05/31/22 08:00	05/31/22 13:21	75-69-4	
Vinyl chloride	<10.1	ug/kg	50.0	10.1	1	05/31/22 08:00	05/31/22 13:21	75-01-4	
Xylene (Total)	<36.1	ug/kg	150	36.1	1	05/31/22 08:00	05/31/22 13:21	1330-20-7	
cis-1,2-Dichloroethene	<10.7	ug/kg	50.0	10.7	1	05/31/22 08:00	05/31/22 13:21	156-59-2	
cis-1,3-Dichloropropene	<33.0	ug/kg	250	33.0	1	05/31/22 08:00	05/31/22 13:21	10061-01-5	
m&p-Xylene	<21.1	ug/kg	100	21.1	1	05/31/22 08:00	05/31/22 13:21	179601-23-1	
n-Butylbenzene	<22.9	ug/kg	50.0	22.9	1	05/31/22 08:00	05/31/22 13:21	104-51-8	
n-Propylbenzene	<12.0	ug/kg	50.0	12.0	1	05/31/22 08:00	05/31/22 13:21	103-65-1	
o-Xylene	<15.0	ug/kg	50.0	15.0	1	05/31/22 08:00	05/31/22 13:21	95-47-6	
p-Isopropyltoluene	<15.2	ug/kg	50.0	15.2	1	05/31/22 08:00	05/31/22 13:21	99-87-6	
sec-Butylbenzene	<12.2	ug/kg	50.0	12.2	1	05/31/22 08:00	05/31/22 13:21	135-98-8	
tert-Butylbenzene	<15.7	ug/kg	50.0	15.7	1	05/31/22 08:00	05/31/22 13:21	98-06-6	
trans-1,2-Dichloroethene	<10.8	ug/kg	50.0	10.8	1	05/31/22 08:00	05/31/22 13:21	156-60-5	
trans-1,3-Dichloropropene	<143	ug/kg	250	143	1	05/31/22 08:00	05/31/22 13:21	10061-02-6	
Surrogates									
Toluene-d8 (S)	96	%	69-153		1	05/31/22 08:00	05/31/22 13:21	2037-26-5	
4-Bromofluorobenzene (S)	104	%	68-156		1	05/31/22 08:00	05/31/22 13:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	114	%	71-161		1	05/31/22 08:00	05/31/22 13:21	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690020998-NAPA 1305 N JOHNS
Pace Project No.: 40245687

QC Batch: 417034 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40245687001, 40245687002, 40245687003, 40245687004, 40245687005, 40245687006, 40245687007

METHOD BLANK: 2401823 Matrix: Solid
Associated Lab Samples: 40245687001, 40245687002, 40245687003, 40245687004, 40245687005, 40245687006, 40245687007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	05/31/22 09:36	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	05/31/22 09:36	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	05/31/22 09:36	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	05/31/22 09:36	
1,1-Dichloroethane	ug/kg	<12.8	50.0	05/31/22 09:36	
1,1-Dichloroethene	ug/kg	<16.6	50.0	05/31/22 09:36	
1,1-Dichloropropene	ug/kg	<16.2	50.0	05/31/22 09:36	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	05/31/22 09:36	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	05/31/22 09:36	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	05/31/22 09:36	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	05/31/22 09:36	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	05/31/22 09:36	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	05/31/22 09:36	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	05/31/22 09:36	
1,2-Dichloroethane	ug/kg	<11.5	50.0	05/31/22 09:36	
1,2-Dichloropropane	ug/kg	<11.9	50.0	05/31/22 09:36	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	05/31/22 09:36	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	05/31/22 09:36	
1,3-Dichloropropane	ug/kg	<10.9	50.0	05/31/22 09:36	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	05/31/22 09:36	
2,2-Dichloropropane	ug/kg	<13.5	50.0	05/31/22 09:36	
2-Chlorotoluene	ug/kg	<16.2	50.0	05/31/22 09:36	
4-Chlorotoluene	ug/kg	<19.0	50.0	05/31/22 09:36	
Benzene	ug/kg	<11.9	20.0	05/31/22 09:36	
Bromobenzene	ug/kg	<19.5	50.0	05/31/22 09:36	
Bromochloromethane	ug/kg	<13.7	50.0	05/31/22 09:36	
Bromodichloromethane	ug/kg	<11.9	50.0	05/31/22 09:36	
Bromoform	ug/kg	<220	250	05/31/22 09:36	
Bromomethane	ug/kg	<70.1	250	05/31/22 09:36	
Carbon tetrachloride	ug/kg	<11.0	50.0	05/31/22 09:36	
Chlorobenzene	ug/kg	<6.0	50.0	05/31/22 09:36	
Chloroethane	ug/kg	<21.1	250	05/31/22 09:36	
Chloroform	ug/kg	<35.8	250	05/31/22 09:36	
Chloromethane	ug/kg	<19.0	50.0	05/31/22 09:36	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	05/31/22 09:36	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	05/31/22 09:36	
Dibromochloromethane	ug/kg	<171	250	05/31/22 09:36	
Dibromomethane	ug/kg	<14.8	50.0	05/31/22 09:36	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	05/31/22 09:36	
Diisopropyl ether	ug/kg	<12.4	50.0	05/31/22 09:36	

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.

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QUALITY CONTROL DATA

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

METHOD BLANK: 2401823

Matrix: Solid

Associated Lab Samples: 40245687001, 40245687002, 40245687003, 40245687004, 40245687005, 40245687006, 40245687007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	05/31/22 09:36	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	05/31/22 09:36	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	05/31/22 09:36	
m&p-Xylene	ug/kg	<21.1	100	05/31/22 09:36	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	05/31/22 09:36	
Methylene Chloride	ug/kg	<13.9	50.0	05/31/22 09:36	
n-Butylbenzene	ug/kg	<22.9	50.0	05/31/22 09:36	
n-Propylbenzene	ug/kg	<12.0	50.0	05/31/22 09:36	
Naphthalene	ug/kg	<15.6	250	05/31/22 09:36	
o-Xylene	ug/kg	<15.0	50.0	05/31/22 09:36	
p-Isopropyltoluene	ug/kg	<15.2	50.0	05/31/22 09:36	
sec-Butylbenzene	ug/kg	<12.2	50.0	05/31/22 09:36	
Styrene	ug/kg	<12.8	50.0	05/31/22 09:36	
tert-Butylbenzene	ug/kg	<15.7	50.0	05/31/22 09:36	
Tetrachloroethene	ug/kg	<19.4	50.0	05/31/22 09:36	
Toluene	ug/kg	<12.6	50.0	05/31/22 09:36	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	05/31/22 09:36	
trans-1,3-Dichloropropene	ug/kg	<143	250	05/31/22 09:36	
Trichloroethene	ug/kg	<18.7	50.0	05/31/22 09:36	
Trichlorofluoromethane	ug/kg	<14.5	50.0	05/31/22 09:36	
Vinyl chloride	ug/kg	<10.1	50.0	05/31/22 09:36	
Xylene (Total)	ug/kg	<36.1	150	05/31/22 09:36	
1,2-Dichlorobenzene-d4 (S)	%	99	71-161	05/31/22 09:36	
4-Bromofluorobenzene (S)	%	94	68-156	05/31/22 09:36	
Toluene-d8 (S)	%	92	69-153	05/31/22 09:36	

LABORATORY CONTROL SAMPLE: 2401824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2860	114	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2570	103	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2540	102	70-130	
1,1-Dichloroethane	ug/kg	2500	2410	96	70-130	
1,1-Dichloroethene	ug/kg	2500	2750	110	77-120	
1,2,4-Trichlorobenzene	ug/kg	2500	2680	107	67-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2760	111	70-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2590	104	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2630	105	70-130	
1,2-Dichloroethane	ug/kg	2500	2700	108	70-130	
1,2-Dichloropropane	ug/kg	2500	2300	92	80-123	
1,3-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2520	101	70-130	
Benzene	ug/kg	2500	2480	99	70-130	
Bromodichloromethane	ug/kg	2500	2610	104	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

LABORATORY CONTROL SAMPLE: 2401824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2570	103	60-130	
Bromomethane	ug/kg	2500	2630	105	45-153	
Carbon tetrachloride	ug/kg	2500	3080	123	70-130	
Chlorobenzene	ug/kg	2500	2600	104	70-130	
Chloroethane	ug/kg	2500	2200	88	55-160	
Chloroform	ug/kg	2500	2630	105	80-120	
Chloromethane	ug/kg	2500	2150	86	47-130	
cis-1,2-Dichloroethene	ug/kg	2500	2530	101	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2600	104	70-130	
Dibromochloromethane	ug/kg	2500	2760	110	70-130	
Dichlorodifluoromethane	ug/kg	2500	2010	80	16-83	
Ethylbenzene	ug/kg	2500	2500	100	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2580	103	70-130	
m&p-Xylene	ug/kg	5000	4910	98	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2840	113	65-130	
Methylene Chloride	ug/kg	2500	2600	104	70-130	
o-Xylene	ug/kg	2500	2520	101	70-130	
Styrene	ug/kg	2500	2570	103	70-130	
Tetrachloroethene	ug/kg	2500	2710	108	70-130	
Toluene	ug/kg	2500	2530	101	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2750	110	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2580	103	70-130	
Trichloroethene	ug/kg	2500	2690	108	70-130	
Trichlorofluoromethane	ug/kg	2500	2710	109	70-130	
Vinyl chloride	ug/kg	2500	2280	91	59-114	
Xylene (Total)	ug/kg	7500	7430	99	70-130	
1,2-Dichlorobenzene-d4 (S)	%			108	71-161	
4-Bromofluorobenzene (S)	%			104	68-156	
Toluene-d8 (S)	%			106	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2401825 2401826

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40245687002 Result	Spike Conc.	Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/kg	<23.5	1830	1830	2000	1950	109	106	69-130	2	20		
1,1,2,2-Tetrachloroethane	ug/kg	<33.2	1830	1830	1990	2090	109	114	70-130	4	20		
1,1,2-Trichloroethane	ug/kg	<33.4	1830	1830	1950	1980	106	108	70-130	2	20		
1,1-Dichloroethane	ug/kg	<23.5	1830	1830	1770	1770	96	96	70-130	0	20		
1,1-Dichloroethene	ug/kg	<30.5	1830	1830	1930	1920	105	105	55-120	0	22		
1,2,4-Trichlorobenzene	ug/kg	<75.7	1830	1830	2310	2250	126	122	67-130	2	20		
1,2-Dibromo-3-chloropropane	ug/kg	<71.3	1830	1830	2130	2180	116	119	70-130	3	22		
1,2-Dibromoethane (EDB)	ug/kg	<25.2	1830	1830	1990	1980	108	108	70-130	0	20		
1,2-Dichlorobenzene	ug/kg	<28.5	1830	1830	2060	2080	112	113	70-130	1	20		
1,2-Dichloroethane	ug/kg	<21.1	1830	1830	2060	2050	112	112	70-130	0	20		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Parameter	Units	2401825		2401826		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40245687002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
1,2-Dichloropropane	ug/kg	<21.9	1830	1830	1710	1710	93	93	80-123	0	20	
1,3-Dichlorobenzene	ug/kg	<25.2	1830	1830	2010	1960	110	107	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	<25.2	1830	1830	1980	1940	108	106	70-130	2	20	
Benzene	ug/kg	<21.9	1830	1830	1840	1820	100	99	70-130	1	20	
Bromodichloromethane	ug/kg	<21.9	1830	1830	1960	1970	107	107	70-130	1	20	
Bromoform	ug/kg	<404	1830	1830	2090	2150	114	117	60-130	3	20	
Bromomethane	ug/kg	<129	1830	1830	2060	2160	112	117	38-153	4	20	
Carbon tetrachloride	ug/kg	<20.2	1830	1830	2070	2040	113	111	62-130	1	20	
Chlorobenzene	ug/kg	<11.0	1830	1830	1960	1940	107	106	70-130	1	20	
Chloroethane	ug/kg	<38.7	1830	1830	1900	1830	103	100	53-160	4	24	
Chloroform	ug/kg	<65.7	1830	1830	1930	1880	105	103	80-120	2	20	
Chloromethane	ug/kg	<34.9	1830	1830	1890	1820	103	99	10-130	3	20	
cis-1,2-Dichloroethene	ug/kg	<19.7	1830	1830	1900	1790	103	97	70-130	6	20	
cis-1,3-Dichloropropene	ug/kg	<60.6	1830	1830	1910	1890	104	103	70-130	1	20	
Dibromochloromethane	ug/kg	<314	1830	1830	2120	2090	115	114	70-130	1	20	
Dichlorodifluoromethane	ug/kg	<39.5	1830	1830	1870	1880	102	103	10-83	1	31	M1
Ethylbenzene	ug/kg	<21.9	1830	1830	1810	1730	99	94	80-120	4	20	
Isopropylbenzene (Cumene)	ug/kg	<24.8	1830	1830	1840	1760	100	96	70-130	4	20	
m&p-Xylene	ug/kg	<38.7	3670	3670	3730	3550	102	97	70-130	5	20	
Methyl-tert-butyl ether	ug/kg	<27.0	1830	1830	2100	2170	114	118	66-130	3	20	
Methylene Chloride	ug/kg	<25.5	1830	1830	1950	2040	106	111	70-130	4	20	
o-Xylene	ug/kg	<27.5	1830	1830	1870	1860	102	102	70-130	0	20	
Styrene	ug/kg	<23.5	1830	1830	1940	1870	105	102	70-130	3	20	
Tetrachloroethene	ug/kg	<35.6	1830	1830	1930	1900	105	103	69-130	2	20	
Toluene	ug/kg	<23.1	1830	1830	1850	1780	101	97	79-120	4	20	
trans-1,2-Dichloroethene	ug/kg	<19.8	1830	1830	2040	1970	111	107	70-130	4	20	
trans-1,3-Dichloropropene	ug/kg	<263	1830	1830	1960	1940	107	105	69-130	1	20	
Trichloroethene	ug/kg	<34.3	1830	1830	1920	1860	104	101	70-130	3	20	
Trichlorofluoromethane	ug/kg	<26.6	1830	1830	1900	1830	103	99	50-130	4	22	
Vinyl chloride	ug/kg	<18.5	1830	1830	1740	1710	95	93	26-114	2	20	
Xylene (Total)	ug/kg	<66.3	5500	5500	5600	5420	102	98	70-130	3	20	
1,2-Dichlorobenzene-d4 (S)	%						137	141	71-161			
4-Bromofluorobenzene (S)	%						132	134	68-156			
Toluene-d8 (S)	%						133	134	69-153			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

QC Batch: 417057

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40245687001, 40245687002, 40245687003, 40245687004, 40245687005, 40245687006

SAMPLE DUPLICATE: 2401846

Parameter	Units	40245659003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.8	9.8	0	10	

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QUALIFIERS

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

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

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690020998-NAPA 1305 N JOHNS

Pace Project No.: 40245687

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40245687001	SB-8 (2-3)	EPA 5035/5030B	417034	EPA 8260	417041
40245687002	SB-8 (15-16)	EPA 5035/5030B	417034	EPA 8260	417041
40245687003	SB-7 (2-3)	EPA 5035/5030B	417034	EPA 8260	417041
40245687004	SB-7 (15-16)	EPA 5035/5030B	417034	EPA 8260	417041
40245687005	SB-9 (5-6)	EPA 5035/5030B	417034	EPA 8260	417041
40245687006	SB-9 (12-13)	EPA 5035/5030B	417034	EPA 8260	417041
40245687007	TRIP BLANK	EPA 5035/5030B	417034	EPA 8260	417041
40245687001	SB-8 (2-3)	ASTM D2974-87	417057		
40245687002	SB-8 (15-16)	ASTM D2974-87	417057		
40245687003	SB-7 (2-3)	ASTM D2974-87	417057		
40245687004	SB-7 (15-16)	ASTM D2974-87	417057		
40245687005	SB-9 (5-6)	ASTM D2974-87	417057		
40245687006	SB-9 (12-13)	ASTM D2974-87	417057		

REPORT OF LABORATORY ANALYSIS

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Sample Preservation Receipt Form

Client Name: Ramboll

Project # 40245687

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/Time:

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm)	H2SO4 pH ≤2	NaOH+Zn Act pH ≥8	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)					
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC	GN			
001																																				2.5 / 5 / 10
002																																				2.5 / 5 / 10
003																																				2.5 / 5 / 10
004																																				2.5 / 5 / 10
005																																				2.5 / 5 / 10
006																																				2.5 / 5 / 10
007																																				2.5 / 5 / 10
008																																				2.5 / 5 / 10
009																																				2.5 / 5 / 10
010																																				2.5 / 5 / 10
011																																				2.5 / 5 / 10
012																																				2.5 / 5 / 10
013																																				2.5 / 5 / 10
014																																				2.5 / 5 / 10
015																																				2.5 / 5 / 10
016																																				2.5 / 5 / 10
017																																				2.5 / 5 / 10
018																																				2.5 / 5 / 10
019																																				2.5 / 5 / 10
020																																				2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9A	40 mL clear ascorbic	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: Ramball

WO#: **40245687**

Courier: CS Logistics Fed Ex Speedee UPS Waitco
 Client Pace Other: _____



Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - 110 Type of Ice: Wet Blue Dry None Samples on ice

Cooler Temperature Uncorr: 3 /Corr: _____

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 5/16/22 /Initials: mt
 Labeled By Initials: MP

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		<u>poly cups only has number, dept and time mtshoke</u>
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir