Environmental and Geological
Scientists and Engineers

151 Mill Street • P.O. Box 218 • Amherst, WI 54406 • 715.824.5169

June 21, 2023

Mr. Matt Thompson, Project Manager
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
1300 West Clairemont Avenue
Eau Claire, WI 54701-6127

Re: **Dun-Rite Cleaners**
1008 Union Street
Stevens Point, Wisconsin
WDNR BRRTS No. 02-50-000577

Subject: Spring 2023 Groundwater and Vapor Results

Dear Mr. Thompson:

The purpose of this letter is to summarize the results of groundwater, soil vapor, and ambient air samples collected at and near the above-referenced site during April 2023. The samples were collected as part of environmental investigations associated with the Dun-Rite Cleaners site (the Site/Dun-Rite). The investigation is focused on chlorinated volatile organic compounds (VOCs), specifically tetrachloroethene (PCE) and trichloroethene (TCE).

The site location is indicated on **Figure 1**.

Work Performed

Sub-slab vapor and ambient air samples were collected on April 17, 2023, from the Dun-Rite building, the former Guzman office building, now owned by Merge Urban Development, and the blower station. The residential structure that was sampled previously was razed and the property leveled in fall 2021, thus samples are no longer collected from that property.

Groundwater samples were collected on April 17, 2023, from monitoring wells south of the Dun-Rite building, including GP-11, GP-12, and MWG-1.

Results

Vapor

Vapor sample results are summarized on **Tables 1a**, **1b**, and **1c**; sample locations and PCE results are shown on **Figure 2**. The **laboratory report** is enclosed.

Ambient air samples from inside the former Guzman building were below Residential Action Levels for PCE and TCE (Actions Levels are 42 micrograms per cubic meter [µg/m^3] and 2.1 µg/m^3, respectively). The Outdoor ambient air sample was collected from outside the north side of the former Guzman building and had no PCE or TCE detected.

The sub-slab sample collected from SSV405, located beneath the southwest office (former Attorney) in the former Guzman building, had a PCE concentration of 5,200 µg/m^3 and a TCE concentration of 82 µg/m^3, both of which exceed their respective Residential Sub-Slab Screening Levels. No other sub-slab sample exceeded screening levels.

The Blower Exhaust sample had a PCE concentration of 104 µg/m^3 and a TCE concentration below the method detection limit.

Groundwater Quality

Groundwater sample results are summarized on **Table 2**; sample locations are shown on **Figure 3**. Historic PCE results are displayed graphically on **Chart 1**. The **laboratory report** is enclosed.

The sample from GP-11 had a PCE concentration of 26.7 µg/l, which is above its Enforcement Standard (ES) of 5.0 µg/l. The PCE concentrations for GP-12 and MWG-1 (2.7 µg/l and 1.2 µg/l respectively) were above the Preventative Action Limit for the substance (0.5 µg/l). TCE was not detected in any of the three samples.

Evaluation

The sub-slab vapor samples from the Dun-Rite Building and the groundwater samples had much lower concentrations of PCE and TCE than were detected in the fall 2022 samples, and are at or near historic lows. The lower concentrations may be related to restoring the blower to regular operation (the blower had been off due to a timer malfunction discovered during the previous sampling event). The lower concentrations may also be associated with a return to more normal groundwater levels (water levels were historically low during the fall 2022). The data showed an unusual spike in levels when the vacant property upgradient and to the west was under construction during 2021 and 2022. Construction of the residential buildings on that property is now largely complete, and results have stabilized again.

Recommendations

The blower system in the Dun-Rite building, which is now unoccupied, should continue to run for 8 hours per day.

Subsurface concentrations of PCE and TCE will continue to be monitored semiannually, unless changed circumstances warrant a different schedule. Therefore, sub-slab vapors, ambient air, and groundwater samples will be collected in fall 2023. Soil vapor samples will be collected from beneath the Dun-Rite building and former Guzman building, and indoor ambient air samples will be collected from within the former Guzman building. Groundwater samples will be collected from GP-11, GP-12, and MWG-1.

If you have any questions on the work that was performed or the Site in general, please contact me at 715.824.5169 or pete.arntsen@sandcountyenv.com.

Sincerely,
SAND COUNTY ENVIRONMENTAL, INC.

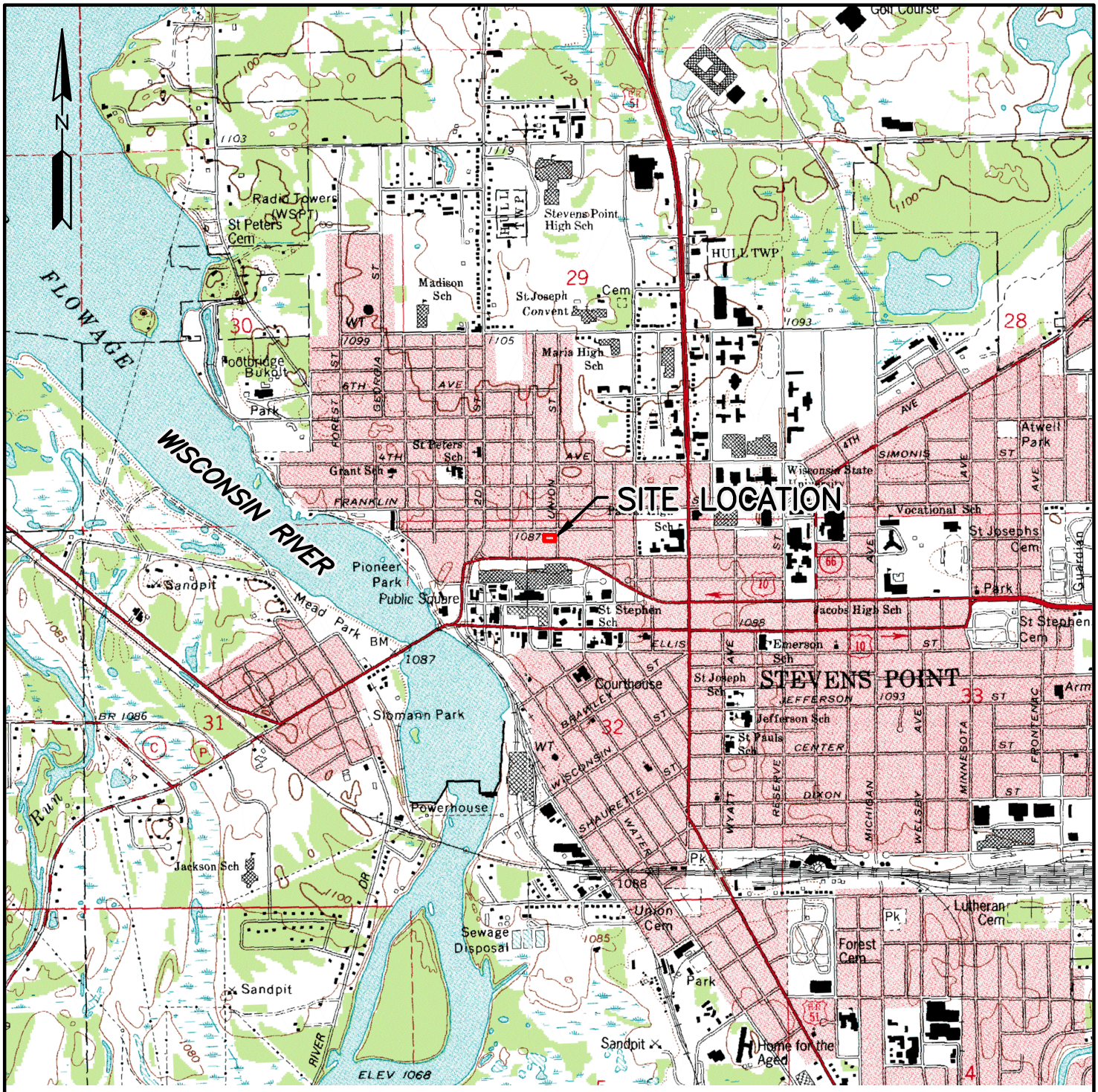
Pete Arntsen, MS, PH, PG
Project Manager/Senior Hydrogeologist

Via email

Enclosures: Figures 1 through 3
Tables 1a, 1b, 1c, and 2
Chart 1
Laboratory Reports

cc/enc: Mr. Richard Lewandowski/Husch Blackwell LLP, via email
Mr. Patrick Arendt/Noonan Arendt LLP, via email
Wisconsin Department of Natural Resource, via RR Submittal Portal

Figures



REFERENCE:
USGS 7.5 MIN. STEVENS POINT, WISCONSIN
TOPOGRAPHIC QUADRANGLE.

WISCONSIN
PORTAGE COUNTY

0 1000 2000
SCALE IN FEET

SAND COUNTY ENVIRONMENTAL

GENERAL SITE LOCATION	DATE: NOVEMBER 2020	DRAWN BY: ASR
DUN-RITE CLEANERS 1008 UNION STREET STEVENS POINT, WISCONSIN	SCALE: 1"=2000'	APPROVED : PDA
	FIGURE 1	

F:\SCC F\SENTRY INSURANCE DUN RITE\DRAWINGS\MASTER SCC SENTRY INSURANCE DUNRITE CLEANERS.DWG () - NOV 23, 2020 - 12:25:59

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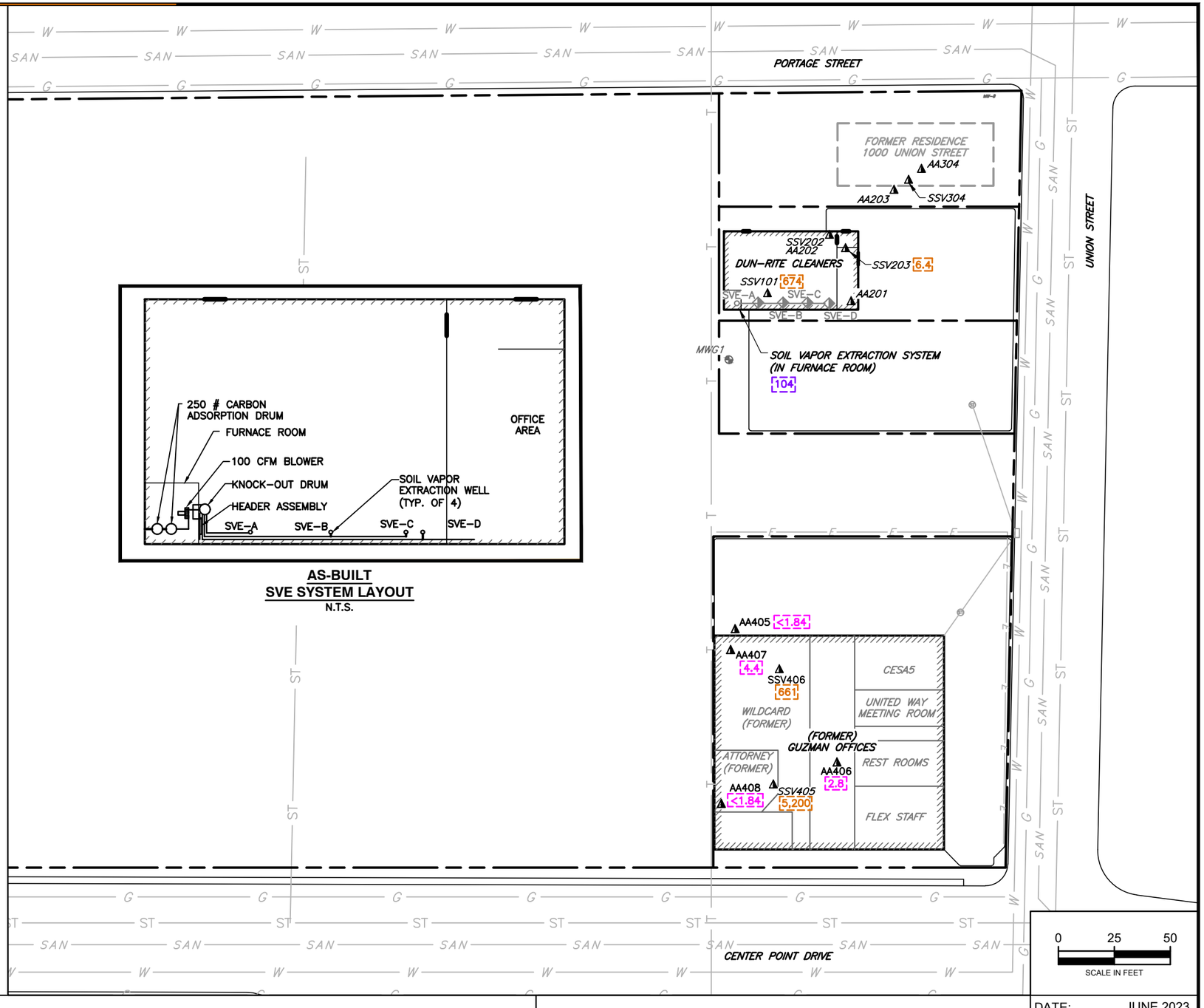
LEGEND

- PROPERTY BOUNDARY
- EDGE OF PAVEMENT
- W — WATER LINE
- G — GAS LINE
- SAN — SANITARY SEWER
- ST — STORM SEWER
- T — UNDERGROUND TELEPHONE
- E — E — ELECTRIC (PRIVATE)
- CATCH BASIN
- ST — STORM SEWER MANHOLE
- BUILDING
- SUB-SLAB VAPOR (SSV) AND/OR AMBIENT AIR (AA) SAMPLE
- SOIL GAS EXTRACTION LOCATION
- 322 — AMBIENT AIR PCE CONCENTRATIONS (µG/M³) APRIL 17, 2023
- 4.7 — SUB-SLAB VAPOR PCE CONCENTRATIONS (µG/M³) APRIL 17, 2023
- 213 — BLOWER OUTLET PCE CONCENTRATIONS (µG/M³) APRIL 17, 2023
- J — ANALYTE WAS DETECTED BUT IS BLEOW THE REPORTING LIMIT. THE CONCENTRATION IS ESTIMATED.
- <0.37 — ANALYTE WAS NOT DETECTED

NOTES

EXISTING CONDITIONS AND EXISTING MONITORING WELL LOCATIONS TAKEN FROM SITE PLAN BY AECOM DATED SEPTEMBER 2013, JANUARY 2014 AND DIGITIZED PORTAGE COUNTY GIS 2010 AIR PHOTO

AS-BUILT SVE SYSTEM LAYOUT
N.T.S.



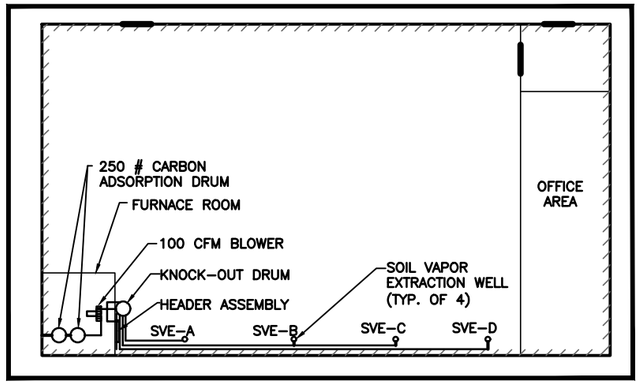
VAPOR SAMPLE LOCATIONS AND PCE RESULTS APRIL 2023

DUN-RITE CLEANERS
1008 UNION STREET
STEVENS POINT, WISCONSIN

DATE:	JUNE 2023
SCALE:	1"=50'
DRAWN BY:	ASR
APPROVED:	PDA

FIGURE 2

O:\9-AMH CAD\Sentry Insurance Dun Rite Cleaners\MASTER SCC SI DunRite Cleaners Vapor April 2023.dwg
6/1/2023 11:35 AM



AS-BUILT
SVE SYSTEM LAYOUT
N.T.S.

PORTAGE STREET

FORMER RESIDENCE
1000 UNION STREET

DUN-RITE CLEANERS

SOIL VAPOR EXTRACTION SYSTEM (IN FURNACE ROOM)

SVE-A SVE-B SVE-C SVE-D

GP-10

GP-11
26.7
<0.32

MWG-1
1.2
<0.32

GP-12
2.7
<0.32

UNION STREET

RESIDENCE

RESIDENCE

RESIDENCE

N

0 15 30
SCALE IN FEET

LEGEND

- PROPERTY BOUNDARY
- EDGE OF PAVEMENT
- W — WATER LINE
- G — GAS LINE
- SAN — SANITARY SEWER
- ST — STORM SEWER
- T — UNDERGROUND TELEPHONE
- E — ELECTRIC (PRIVATE)
- CATCH BASIN
- STORM SEWER MANHOLE
- BUILDING
- MONITORING WELL
- 1-INCH DIAMETER MONITORING WELL
- GEOPROBE (SGP)
- SOIL GAS EXTRACTION LOCATION
- 112 — GROUNDWATER PCE CONCENTRATIONS (µG/L) APRIL 17, 2023
- 2.8 — GROUNDWATER TCE CONCENTRATIONS (µG/L) APRIL 17, 2023
- ESTIMATED GROUNDWATER FLOW DIRECTION

NOTES

EXISTING CONDITIONS AND EXISTING MONITORING WELL LOCATIONS TAKEN FROM SITE PLAN BY AECOM DATED SEPTEMBER 2013, JANUARY 2014 AND DIGITIZED PORTAGE COUNTY GIS 2010 AIR PHOTO AND GOOGLE EARTH IMAGE DATED SEPTEMBER 2013

GROUNDWATER SAMPLE LOCATIONS AND RESULTS APRIL 2023

DUN-RITE CLEANERS
1008 UNION STREET
STEVENS POINT
WISCONSIN

DATE:	JUNE 2023
SCALE:	1" = 30'
DRAWN BY:	ASR
APPROVED :	PA

FIGURE 3

O:\9-AMH CAD\Sentry Insurance Dun Rite Cleaners\MASTER SCC SI DunRite Cleaners PCE AND TCE GW April 2023.dwg
6/7/2023 10:18 AM

Tables

Table 1a
Vapor Chemistry Results - Ambient Air
Dun-Rite Cleaners
1008 Union Street
Stevens Point, Wisconsin

Ambient Air Samples (µg/m^3)

Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
Indoor Air Vapor Action Levels[1]				
	Non-Residential		**180**	**8.8**
	Residential		*42*	*2.1*
AA201	Dun-Rite	5/29/2014	**1,940**	**63**
		9/4/2015	**2,780**	**73**
AA202	Dun-Rite	5/29/2014	**1,990**	**66**
AA203	Outdoor	5/29/2014	13	<0.076
		10/22/2020	<0.46	<0.24
		5/12/2022	0.86 J	<0.32
AA304	Residence	7/18/2014	2.5	<0.85
		3/2/2015	35	<0.25
		9/4/2015	22	*3.0*
		11/9/2015	2.4	<0.41
		4/6/2016	<0.39	0.52 J
		10/5/2016	0.64 J	<0.41
		6/20/2017	<0.40	0.44 J
		11/16/2017	<0.43	0.81 J
		5/18/2018	<0.43	<0.40
		11/2/2018	1.6	<0.45
		6/7/2019	<0.45	<0.37
		9/23/2019	<0.49	<0.39
		5/14/2020	0.52 J	<0.32
		10/22/2020	<0.49	<0.25
		4/22/2021	<0.41	<0.28
		9/29/2021	Structure Razed	
AA405	Outdoor	9/19/2014	<1.2	<0.92
		2/27/2015	21	<0.38
		9/4/2015	2.3	<0.40
		10/5/2016	2.6	<0.41
		6/16/2017	<0.41	<0.41
		11/16/2017	0.99 J	**8.9***
		5/18/2018	<0.44	<0.42
		11/2/2018	6.9	*2.4*
		6/7/2019	<0.44	<0.36
		9/23/2019	1.1	<0.38
		5/7/2020	<0.43	<0.36
		4/22/2021	<0.44	<0.29
		9/29/2021	<0.48	<0.32
		10/21/2022	<0.37	<0.36
		4/17/2023	<1.84	<1.22

Table 1a
Vapor Chemistry Results - Ambient Air
Dun-Rite Cleaners
1008 Union Street
Stevens Point, Wisconsin

Ambient Air Samples (µg/m^3)

Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
Indoor Air Vapor Action Levels[1]				
	Non-Residential		**180**	**8.8**
	Residential		*42*	*2.1*
AA406	United Way	9/19/2014	2.1	1.3
		2/27/2015	*74*	*3.0*
		9/4/2015	4.7	2.0
		2/16/2016	7.6	*5.0*
		10/5/2016	*44*	*5.8*
		6/16/2017	4.0	1.5
		11/16/2017	8.2	*6.2*
		5/18/2018	5.1	*2.1*
		11/2/2018	4.8	<0.47
		6/7/2019	4.0	1.8
		9/23/2019	4.0	1.5
		5/7/2020	3.6	1.7
	Lobby	10/22/2020	11.8	*5.1*
	Lobby	4/22/2021	7.5	*2.6*
	Lobby	9/29/2021	6.1	*4.8*
	Lobby	5/12/2022	3.3	1.9
	Lobby	10/21/2022	4.2	2.0
	Lobby	4/17/2023	2.8	<1.22
AA407	Wildcard	9/19/2014	4.0	<1.2
		2/27/2015	*83*	1.5
		9/4/2015	10	1.1
		2/16/2016	11	*4.4*
		10/5/2016	12	*3.0*
		6/16/2017	3.0	0.45 J
		11/16/2017	7.6	*5.0*
		5/18/2018	6.8	1.3
		11/12/2108	3.5	<0.47
		6/7/2019	2.5	<0.36
		9/23/2019	10.9	1.3
		5/7/2020	6.3	0.94
		10/22/2020	14.5	0.80 J
		4/22/2021	12.2	1.9
		9/29/2021	3.7	0.56 J
		5/12/2022	3.0	0.77 J
		10/21/2022	6.7	1.7
		4/17/2023	4.4	<1.22

Table 1a
Vapor Chemistry Results - Ambient Air
Dun-Rite Cleaners
1008 Union Street
Stevens Point, Wisconsin

Ambient Air Samples (µg/m^3)

Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
Indoor Air Vapor Action Levels[1]				
	Non-Residential		**180**	**8.8**
	Residential		*42*	*2.1*
AA408	Attorney	9/19/2014	9.9	1.5
		2/23/2015	22	2.1
		9/4/2015	7.0	0.8
		2/16/2016	3.3	*3.5*
		10/5/2016	12	*2.9*
		6/16/2017	2.9	<0.38
		11/16/2017	22.4	**118***
		5/18/2018	12.2	*3.4*
		11/2/2018	**327^R**	1.2
		12/5/2018	5.6	<0.39
		6/7/2019	21.3	0.54 J
		9/23/2019	8.5	2.2
		5/7/2020	6.0	0.95
		10/22/2020	23.9	0.53 J
		4/22/2021	13.3	1.8
		9/29/2021	3.8	0.42 J
		5/12/2022	8.4	1.1
		10/21/2022	9.1	1.7
		4/17/2023	<1.84	<1.22

Table 1b
Vapor Chemistry Results - Sub-Slab Vapor
Dun-Rite Cleaners
1008 Union Street
Stevens Point, Wisconsin

Sub-Slab Vapor Samples (µg/m^3)

Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
Sub-Slab Vapor Screening Levels[2]				
	Non-Residential		**6,000**	**290**
	Residential		*1,400*	*70*
SSV101	Dun-Rite	4/8/2014	**2,550,000**	**527**
		9/4/2015	**141,000**	**1780**
		2/16/2016	*5,030*	28
		10/5/2016	*5,480*	33
		6/16/2017	1,030	9.0
		11/16/2017	452	3.2
		5/18/2018	*2,460*	13.6
		11/2/2018	266	1.2
		6/7/2019	*3,570*	13.6
		9/23/2019	*1,430*	<10.9
		5/7/2020	253	0.51 J
		10/22/2020	382	0.99
		4/22/2021	326	0.68 J
		9/29/2021	*3,790*	7.0
		5/12/2022	314	0.66 J
		10/21/2022	1,150	0.65 J
		4/17/2023	674	4.4
SSV202	Dun-Rite	5/29/2014	*1,700*	*113*
		9/4/2015	*2,280*	*145*
		2/16/2016	275	7.1
SSV203	Dun-Rite	5/29/2014	**27,600**	<20
		11/4/2015	288	12
		10/5/2016	*5,710*	4.2
		6/16/2017	*4,190*	20
		11/16/2017	**6,650**	30.9
		5/18/2018	*2,390*	1.3
		11/9/2018	5.0	<0.37
		6/7/2019	*2,180*	2.0
		9/23/2019	*2,930*	<11.3
		5/7/2020	8.6	<0.31
		10/22/2020	106	<0.29
		4/22/2021	27.4	<0.28
		9/29/2021	14.0	<0.34
		5/12/2022	16.5	<0.27
		10/21/2022	294	<0.43
		4/17/2023	6	<1.22

Table 1b
Vapor Chemistry Results - Sub-Slab Vapor
Dun-Rite Cleaners
1008 Union Street
Stevens Point, Wisconsin

Sub-Slab Vapor Samples (µg/m^3)

Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
Sub-Slab Vapor Screening Levels[2]				
	Non-Residential		**6,000**	**290**
	Residential		*1,400*	*293*
SSV304	Residence	7/18/2014	13	<1.2
		3/2/2015	11	<0.31
		9/4/2015	137	21
		11/9/2015	319	14
		2/16/2016	105	5.7
		10/5/2016	52	2.2
		6/20/2017	133	0.92 J
		11/16/2017	15.6	0.57 J
		5/18/2018	1,380	6.2
		11/2/2018	14.6	<0.37
		6/7/2019	20.1	<0.37
		9/23/2019	*3,570*	18.5
		5/18/2020	86.6	<0.31
		10/22/2020	40.0	<0.30
		4/22/2021	15.2	<0.27
		9/29/2021	Structure Razed	
SSV405	Attorney	9/19/2014	**7,470**	*139*
		2/24/2015	**17,800**	*183*
		10/5/2016	**22,300**	*175*
		6/16/2017	**17,400**	*111*
		11/16/2017	**17,100**	*130*
		5/18/2018	**29,800**	*168*
		11/9/2018	**11,200**	*149*
		6/7/2019	**6,710**	*64.4*
		9/23/2019	**28,800**	*152*
		5/7/2020	**15,700**	*134*
		10/22/2020	**26,500**	*118*
		4/22/2021	**38,600**	**356 J**
		9/29/2021	**6,790**	*91.2*
		5/12/2022	**11,200**	*172*
		10/21/2022	**40,300**	*<399*
		4/17/2023	*5,200*	*82*

Table 1b
Vapor Chemistry Results - Sub-Slab Vapor
Dun-Rite Cleaners
1008 Union Street
Stevens Point, Wisconsin

Sub-Slab Vapor Samples (µg/m^3)

Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
Sub-Slab Vapor Screening Levels[2]				
	Non-Residential		**6,000**	**290**
	Residential		*1,400*	*70*
SSV406	Wildcard	9/19/2014	**11,300**	<28
		2/27/2015	**7,180**	<24
		9/4/2015	**68,200**	16
		2/16/2016	**9,940**	11
		10/5/2016	**37,400**	15
		6/16/2017	**15,500**	9.1
		11/16/2017	**11,500**	9.6
		5/18/2018	**12,500**	11.2
		11/12/2018	**13,600**	12.8
		6/7/2019	**3,810**	<11.1
		9/23/2019	**19,300**	<6.8
		5/7/2020	*4,630*	4.7
		10/22/2020	**10,900**	7.6
		4/22/2021	**12,700**	10
		9/29/2021	**11,900**	19.7
		5/12/2022	*3,200*	3.8
		10/21/2022	**12,100**	<49.9
		4/17/2023	661	1.3

Table 1c
Vapor Chemistry Results - SVE System Discharge
Dun-Rite Cleaners
1008 Union Street
Stevens Point, Wisconsin

Soil Vapor Extraction System (µg/m^3)

Sample ID	Location	Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)
Blwr A	SVE	3/13/2015	224,000	<1,700
Blwr B	SVE	3/14/2015	134,000	<410
Blwr C	SVE	3/17/2015	43,800	77
Can 2-A	SVE	3/13/2015	11,800	17
Can 1-D	SVE	3/18/2015	1,600	0.76 J
Blwr Dschrg 1	SVE	9/3/2015	2,580	113
Blwr Dschrg 2	SVE	9/8/2015	12,900	265
Blwr Dschrg	SVE	2/16/2016	641	7.9
Blwr Dschrg	SVE	10/5/2016	1,570	5.6
Blwr Dschrg	SVE	6/16/2017	59	26
Blower Exhaust	SVE	11/16/2017	2,690	10.9
Blower	SVE	5/18/2018	1,490	1.7
Blower	SVE	11/2/2018	<0.54	<0.44
Blower Exhaust	SVE	6/7/2019	328	0.90
Blower Exhaust	SVE	9/23/2019	651	0.55J
Blower Exhaust	SVE	5/7/2020	232	<0.32
Blower Sta.	SVE	10/22/2020	3,060	3.6
Blower Sta.	SVE	4/22/2021	214	<0.25
Blower Exhaust	SVE	9/29/2021	326	0.63 J
Blower Exhaust	SVE	5/12/2022	361	<0.30
Blower Exhaust	SVE	10/21/2022	24,500	<51.6
Blower Exhaust	SVE	4/17/2023	104	<1.2

Notes

µg/m^3	micrograms per cubic meter
<0.076	Substance not detected above indicated detection limit
6,000	**Bold** indicates concentration exceeds Vapor Action Level or Vapor Screening Level for Non-Residential Conditions
1,400	Italics indicate concentration exceeds Vapor Action Level or Vapor Screening Level for Residential Conditions
*	Sample marked by laboratory qualifier C8: "Result may be biased high due to carryover from previously analyzed sample"
J	Analyte was detected but is below the reporting limit; the concentration is estimated
R	Result uncharacteristically high, thus location resampled
	Highlighting indicates most recent results

[1] Vapor Action Levels obtained from the **Indoor Air Vapor Action Levels for Various**

[2] Screening level for Residential/Small Commercial Buildings (dilution factor of 33.3)

O:\1-Projects\Sentry Ins Dun Rite\Data\[MASTER SCC DunRite Chem Data.xlsx]Vapor

Table 2
Groundwater Chemistry Results
Dun-Rite Cleaners
1008 Union Street
Stevens Point, Wisconsin

Sample Location	Sample Date	Tetrachloroethene (µg/l)	Trichloroethene (µg/l)	Depth to Water (feet)	Water Elevation (feet MSL)
PAL		*0.5*	*0.5*		
ES		**5.0**	**5.0**		
GP-9	7/19/2013	**295**	**7.4**	--	--
	10/2/2013	**655**	**12**	--	--
	12/13/2013	**745**	**14**	--	--
	9/23/2014	**279**	**7.4**	--	--
	11/4/2015	**223**	**6.4**	7.00	1,078.08
	5/6/2016	**322**	*4.7*	6.48	1,078.60
GP-10	12/13/2013	**331**	*1.9*	--	--
	11/4/2015	**77**	*2.7*	6.63	1,079.26
	5/6/2016	**211**	<0.33	6.24	1,079.65
	10/5/2016	**344**	*3.2* J	6.57	1,079.32
	5/7/2020	--	--	6.20	1,079.69
	4/17/2021	--	--	7.35	1,078.54
	5/18/2022	--	--	6.95	1,078.94
	10/21/2022	--	--	9.13	1,076.76
	4/17/2023	--	--	7.54	1,078.35
GP-11	12/13/2013	**2,570**	**<18.2**	--	--
	11/4/2015	**173**	*<1.3*	6.59	1,079.22
	5/6/2016	**61.5**	<0.33	6.22	1,079.59
	10/5/2016	**54.6**	*0.54* J	6.55	1,079.26
	6/14/2017	**614**	*<1.7*	4.75	1,081.06
	11/16/2017	**14.3**	0.41 J	6.99	1,078.82
	5/18/2018	**727**	*<1.7*	8.92	1,076.89
	11/2/2018	**17.8**	<0.26	6.30	1,079.51
	6/7/2019	**614**	*<1.3*	5.91	1,079.90
	9/23/2019	**112**	*0.84* J	6.22	1,079.59
	5/7/2020	**243**	*<1.3* J	6.22	1,079.59
	10/23/2020	**18.4**	<0.26	7.19	1,078.62
	4/17/2021	**8.1**	<0.32	7.32	1,078.49
	10/4/2021	*3.4*	<0.32	6.86	1,078.95
	5/18/2022	*3.3*	<0.32	6.93	1,078.88
	10/21/2022	**407**	*3.9 J*	9.15	1,076.66
	4/17/2023	**26.7**	*<0.32*	7.36	1,078.45
GP-12	12/13/2013	**254**	<1.8	--	--
	9/23/2014	**487**	*2.2* J	--	--
	11/4/2015	**364**	*1.8* J	6.5	1,079.20
	5/6/2016	**147**	*0.95* J	6.14	1,079.56
	10/5/2016	**780**	*2.7* J	6.47	1,079.23
	6/14/2017	**433**	*1.7* J	4.61	1,081.09
	11/16/2017	**647**	*3.7* J	6.88	1,078.82
	5/18/2018	**176**	*1.8*	8.79	1,076.91
	11/2/2018	**462**	*2.2*	6.19	1,079.51

Table 2
Groundwater Chemistry Results
Dun-Rite Cleaners
1008 Union Street
Stevens Point, Wisconsin

Sample Location	Sample Date	Tetrachloroethene (µg/l)	Trichloroethene (µg/l)	Depth to Water (feet)	Water Elevation (feet MSL)
PAL		*0.5*	*0.5*		
ES		**5.0**	**5.0**		
GP-12	6/7/2019	**142**	*2.3*	5.8	1,079.90
	9/23/2019	**829**	*2.8*	6.05	1,079.65
	5/7/2020	**105**	*1.6*	6.08	1,079.62
	10/23/2020	**239**	*3.5*	7.1	1,078.60
	4/17/2021	**119**	0.39 J	7.21	1,078.49
	10/4/2021	**1,860**	**5.1**	6.76	1,078.94
	5/18/2022	**890**	*3.4*	6.84	1,078.86
	10/21/2022	**447**	*4.3 J*	8.99	1,076.71
	4/17/2023	2.7	*<0.32*	7.39	1,078.31
MWG-1	11/4/2015	**141**	**6.9**	6.49	1,079.23
	5/6/2016	**15.3**	*1.1*	6.15	1,079.57
	10/5/2016	**138**	**5.6**	6.45	1,079.27
	6/14/2017	**8.2**	*1.1*	4.80	1,080.92
	11/16/2017	**127**	**7.6**	6.88	1,078.84
	5/18/2018	**12.8**	*1.0*	8.78	1,076.94
	11/2/2018	**74.0**	**6.1**	6.19	1,079.53
	6/7/2019	**8.2**	*0.74* J	5.78	1,079.94
	9/23/2019	**81.0**	**13.0**	6.04	1,079.68
	5/9/2020	*5.4*	0.26 J	--	--
	10/23/2020	**85.6**	**14.0**	7.08	1,078.64
	4/17/2021	**603**	<0.32	7.19	1,078.53
	10/4/2021	**2,920**	**5.5**	6.75	1,078.97
	5/18/2022	**3,490**	*4.0*	6.88	1,078.84
	10/21/2022	**674**	*1.9 J*	8.96	1,076.76
	4/17/2023	1.2	*<0.32*	7.37	1,078.35

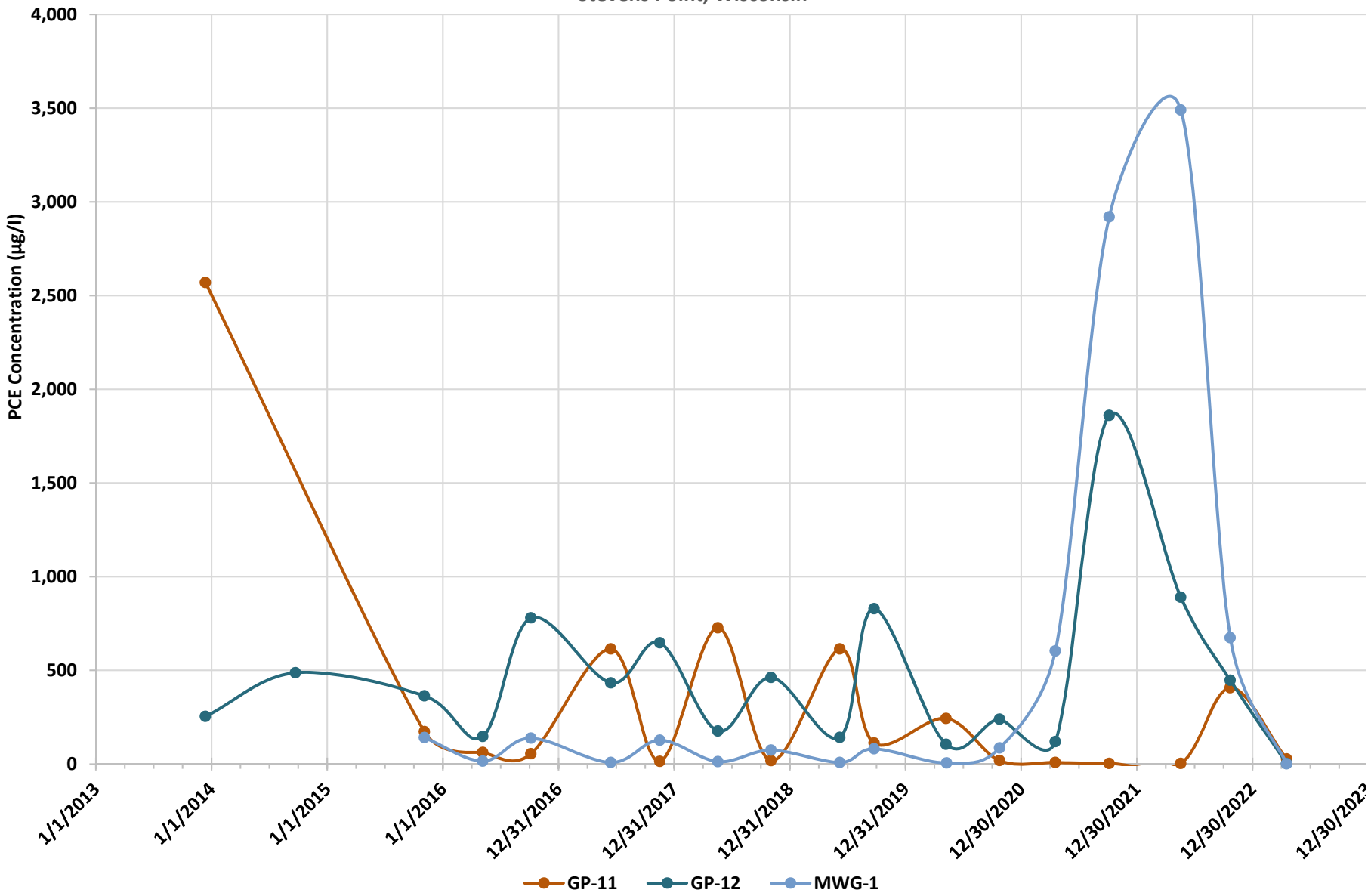
Notes

µg/l	Micrograms per liter. Equivalent to parts per billion
feet MSL	Feet above mean sea level
PAL	Preventive Action Limit listed in Chapter NR 140, Table 1, Wisconsin Administrative Code
ES	Enforcement Standard listed in Chapter NR 140, Wisconsin Administrative Code
1.2	*Italics* indicate exceedance of NR 140 Preventive Action Limit
5.4	**Bold** indicates exceedance of NR 140 Enforcement Standard
<0.45	Substance not detected above indicated detection limit
--	Data unavailable/not collected
J	Analyte was detected but is below the reporting limit; the concentration is estimated
	Data before 2014 generated during investigations conducted by AECOM
	Highlighting indicates most recent results

O:\1-Projects\Sentry Ins Dun Rite\Data\[MASTER SCC DunRite Chem Data.xlsx]Groundwater

Chart 1
PCE Concentrations Over Time

Chart 1
Dissolved PCE Concentrations Over Time
Dun-Rite Cleaners
1008 Union Street
Stevens Point, Wisconsin



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Laboratory Reports

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

April 28, 2023

Pete Arntsen
SAND COUNTY ENVIRONMENTAL, INC.
151 Mill Street
Amherst, WI 54406

RE: Project: DUN-RITE
Pace Project No.: 40261108

Dear Pete Arntsen:

Enclosed are the analytical results for sample(s) received by the laboratory on April 21, 2023. 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,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: DUN-RITE
Pace Project No.: 40261108

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
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: DUN-RITE
Pace Project No.: 40261108

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40261108001	**GP-11**	Water	04/17/23 13:45	04/21/23 08:25
40261108002	**MWG-1**	Water	04/17/23 14:08	04/21/23 08:25
40261108003	**GP-12**	Water	04/17/23 14:30	04/21/23 08:25
40261108004	**QA-1**	Water	04/17/23 00:00	04/21/23 08:25
40261108005	**TRIP BLANK**	Water	04/17/23 00:00	04/21/23 08:25

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: DUN-RITE
Pace Project No.: 40261108

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40261108001	**GP-11**	EPA 8260	EIB	63
40261108002	**MWG-1**	EPA 8260	EIB	63
40261108003	**GP-12**	EPA 8260	EIB	63
40261108004	**QA-1**	EPA 8260	SMT	63
40261108005	**TRIP BLANK**	EPA 8260	SMT	63

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: DUN-RITE
Pace Project No.: 40261108

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40261108001	**GP-11**					
EPA 8260	Tetrachloroethene	26.7	ug/L	1.0	04/27/23 08:15	
40261108002	**MWG-1**					
EPA 8260	Tetrachloroethene	1.2	ug/L	1.0	04/26/23 16:06	
40261108003	**GP-12**					
EPA 8260	Tetrachloroethene	2.7	ug/L	1.0	04/26/23 16:26	
40261108004	**QA-1**					
EPA 8260	Tetrachloroethene	2.8	ug/L	1.0	04/24/23 17:06	

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DUN-RITE
Pace Project No.: 40261108

Sample: GP-11 **Lab ID: 40261108001** Collected: 04/17/23 13:45 Received: 04/21/23 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/27/23 08:15	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/27/23 08:15	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/27/23 08:15	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		04/27/23 08:15	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/27/23 08:15	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/27/23 08:15	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/27/23 08:15	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/27/23 08:15	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		04/27/23 08:15	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/27/23 08:15	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/27/23 08:15	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/27/23 08:15	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/27/23 08:15	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/27/23 08:15	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/27/23 08:15	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/27/23 08:15	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/27/23 08:15	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/27/23 08:15	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/27/23 08:15	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/27/23 08:15	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		04/27/23 08:15	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/27/23 08:15	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/27/23 08:15	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/27/23 08:15	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/27/23 08:15	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		04/27/23 08:15	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/27/23 08:15	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		04/27/23 08:15	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/27/23 08:15	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/27/23 08:15	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/27/23 08:15	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/27/23 08:15	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		04/27/23 08:15	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/27/23 08:15	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/27/23 08:15	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/27/23 08:15	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/27/23 08:15	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/27/23 08:15	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/27/23 08:15	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/27/23 08:15	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/27/23 08:15	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/27/23 08:15	1634-04-4	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/27/23 08:15	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		04/27/23 08:15	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/27/23 08:15	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DUN-RITE
Pace Project No.: 40261108

Sample: GP-11 **Lab ID: 40261108001** Collected: 04/17/23 13:45 Received: 04/21/23 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Tetrachloroethene	**26.7**	ug/L	1.0	0.41	1		04/27/23 08:15	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/27/23 08:15	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		04/27/23 08:15	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/27/23 08:15	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/27/23 08:15	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/27/23 08:15	1330-20-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		04/27/23 08:15	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		04/27/23 08:15	10061-01-5	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/27/23 08:15	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/27/23 08:15	103-65-1	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/27/23 08:15	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/27/23 08:15	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/27/23 08:15	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		04/27/23 08:15	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		04/27/23 08:15	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		04/27/23 08:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/27/23 08:15	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		04/27/23 08:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DUN-RITE
Pace Project No.: 40261108

Sample: MWG-1 **Lab ID: 40261108002** Collected: 04/17/23 14:08 Received: 04/21/23 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/26/23 16:06	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/26/23 16:06	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/26/23 16:06	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		04/26/23 16:06	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/26/23 16:06	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/26/23 16:06	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/26/23 16:06	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/26/23 16:06	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		04/26/23 16:06	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/26/23 16:06	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/26/23 16:06	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/26/23 16:06	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/26/23 16:06	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/26/23 16:06	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/26/23 16:06	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/26/23 16:06	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/26/23 16:06	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/26/23 16:06	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/26/23 16:06	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/26/23 16:06	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		04/26/23 16:06	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/26/23 16:06	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/26/23 16:06	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/26/23 16:06	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/26/23 16:06	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		04/26/23 16:06	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/26/23 16:06	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		04/26/23 16:06	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/26/23 16:06	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/26/23 16:06	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/26/23 16:06	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/26/23 16:06	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		04/26/23 16:06	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/26/23 16:06	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/26/23 16:06	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/26/23 16:06	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/26/23 16:06	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/26/23 16:06	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/26/23 16:06	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/26/23 16:06	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/26/23 16:06	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/26/23 16:06	1634-04-4	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/26/23 16:06	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		04/26/23 16:06	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/26/23 16:06	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DUN-RITE
Pace Project No.: 40261108

Sample: MWG-1 **Lab ID: 40261108002** Collected: 04/17/23 14:08 Received: 04/21/23 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Tetrachloroethene	**1.2**	ug/L	1.0	0.41	1		04/26/23 16:06	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/26/23 16:06	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		04/26/23 16:06	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/26/23 16:06	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/26/23 16:06	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/26/23 16:06	1330-20-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		04/26/23 16:06	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		04/26/23 16:06	10061-01-5	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/26/23 16:06	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/26/23 16:06	103-65-1	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/26/23 16:06	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/26/23 16:06	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/26/23 16:06	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		04/26/23 16:06	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		04/26/23 16:06	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	108	%	70-130		1		04/26/23 16:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/26/23 16:06	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		04/26/23 16:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DUN-RITE
Pace Project No.: 40261108

Sample: GP-12 **Lab ID: 40261108003** Collected: 04/17/23 14:30 Received: 04/21/23 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/26/23 16:26	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/26/23 16:26	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/26/23 16:26	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		04/26/23 16:26	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/26/23 16:26	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/26/23 16:26	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/26/23 16:26	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/26/23 16:26	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		04/26/23 16:26	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/26/23 16:26	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/26/23 16:26	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/26/23 16:26	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/26/23 16:26	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/26/23 16:26	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/26/23 16:26	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/26/23 16:26	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/26/23 16:26	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/26/23 16:26	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/26/23 16:26	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/26/23 16:26	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		04/26/23 16:26	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/26/23 16:26	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/26/23 16:26	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/26/23 16:26	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/26/23 16:26	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		04/26/23 16:26	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/26/23 16:26	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		04/26/23 16:26	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/26/23 16:26	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/26/23 16:26	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/26/23 16:26	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/26/23 16:26	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		04/26/23 16:26	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/26/23 16:26	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/26/23 16:26	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/26/23 16:26	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/26/23 16:26	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/26/23 16:26	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/26/23 16:26	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/26/23 16:26	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/26/23 16:26	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/26/23 16:26	1634-04-4	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/26/23 16:26	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		04/26/23 16:26	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/26/23 16:26	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DUN-RITE
Pace Project No.: 40261108

Sample: GP-12 **Lab ID: 40261108003** Collected: 04/17/23 14:30 Received: 04/21/23 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Tetrachloroethene	**2.7**	ug/L	1.0	0.41	1		04/26/23 16:26	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/26/23 16:26	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		04/26/23 16:26	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/26/23 16:26	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/26/23 16:26	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/26/23 16:26	1330-20-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		04/26/23 16:26	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		04/26/23 16:26	10061-01-5	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/26/23 16:26	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/26/23 16:26	103-65-1	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/26/23 16:26	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/26/23 16:26	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/26/23 16:26	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		04/26/23 16:26	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		04/26/23 16:26	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		04/26/23 16:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/26/23 16:26	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		04/26/23 16:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DUN-RITE
Pace Project No.: 40261108

Sample: QA-1 **Lab ID: 40261108004** Collected: 04/17/23 00:00 Received: 04/21/23 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/24/23 17:06	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/24/23 17:06	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/24/23 17:06	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		04/24/23 17:06	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/24/23 17:06	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/24/23 17:06	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/24/23 17:06	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/24/23 17:06	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		04/24/23 17:06	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/24/23 17:06	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/24/23 17:06	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/24/23 17:06	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/24/23 17:06	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/24/23 17:06	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/24/23 17:06	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/24/23 17:06	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/24/23 17:06	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/24/23 17:06	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/24/23 17:06	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/24/23 17:06	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		04/24/23 17:06	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/24/23 17:06	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/24/23 17:06	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/24/23 17:06	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/24/23 17:06	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		04/24/23 17:06	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/24/23 17:06	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		04/24/23 17:06	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/24/23 17:06	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/24/23 17:06	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/24/23 17:06	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/24/23 17:06	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		04/24/23 17:06	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/24/23 17:06	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/24/23 17:06	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/24/23 17:06	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/24/23 17:06	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/24/23 17:06	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/24/23 17:06	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/24/23 17:06	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/24/23 17:06	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/24/23 17:06	1634-04-4	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/24/23 17:06	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		04/24/23 17:06	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/24/23 17:06	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DUN-RITE
Pace Project No.: 40261108

Sample: QA-1 **Lab ID: 40261108004** Collected: 04/17/23 00:00 Received: 04/21/23 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Tetrachloroethene	**2.8**	ug/L	1.0	0.41	1		04/24/23 17:06	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/24/23 17:06	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		04/24/23 17:06	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/24/23 17:06	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/24/23 17:06	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/24/23 17:06	1330-20-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		04/24/23 17:06	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		04/24/23 17:06	10061-01-5	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/24/23 17:06	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/24/23 17:06	103-65-1	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/24/23 17:06	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/24/23 17:06	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/24/23 17:06	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		04/24/23 17:06	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		04/24/23 17:06	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		04/24/23 17:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/24/23 17:06	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		04/24/23 17:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DUN-RITE
Pace Project No.: 40261108

Sample: TRIP BLANK **Lab ID: 40261108005** Collected: 04/17/23 00:00 Received: 04/21/23 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		04/24/23 11:24	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/24/23 11:24	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		04/24/23 11:24	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		04/24/23 11:24	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		04/24/23 11:24	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		04/24/23 11:24	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		04/24/23 11:24	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		04/24/23 11:24	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		04/24/23 11:24	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		04/24/23 11:24	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		04/24/23 11:24	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		04/24/23 11:24	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		04/24/23 11:24	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		04/24/23 11:24	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		04/24/23 11:24	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		04/24/23 11:24	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		04/24/23 11:24	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		04/24/23 11:24	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		04/24/23 11:24	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		04/24/23 11:24	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		04/24/23 11:24	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/24/23 11:24	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		04/24/23 11:24	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		04/24/23 11:24	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		04/24/23 11:24	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		04/24/23 11:24	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		04/24/23 11:24	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		04/24/23 11:24	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		04/24/23 11:24	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		04/24/23 11:24	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		04/24/23 11:24	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		04/24/23 11:24	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		04/24/23 11:24	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		04/24/23 11:24	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		04/24/23 11:24	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		04/24/23 11:24	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		04/24/23 11:24	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		04/24/23 11:24	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		04/24/23 11:24	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		04/24/23 11:24	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		04/24/23 11:24	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		04/24/23 11:24	1634-04-4	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		04/24/23 11:24	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		04/24/23 11:24	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		04/24/23 11:24	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: DUN-RITE
Pace Project No.: 40261108

Sample: TRIP BLANK **Lab ID: 40261108005** Collected: 04/17/23 00:00 Received: 04/21/23 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		04/24/23 11:24	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		04/24/23 11:24	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		04/24/23 11:24	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		04/24/23 11:24	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		04/24/23 11:24	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		04/24/23 11:24	1330-20-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		04/24/23 11:24	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		04/24/23 11:24	10061-01-5	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		04/24/23 11:24	104-51-8	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		04/24/23 11:24	103-65-1	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		04/24/23 11:24	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/24/23 11:24	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		04/24/23 11:24	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		04/24/23 11:24	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		04/24/23 11:24	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		04/24/23 11:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/24/23 11:24	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		04/24/23 11:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: DUN-RITE
Pace Project No.: 40261108

QC Batch: 443079
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40261108004, 40261108005

METHOD BLANK: 2544272 Matrix: Water
Associated Lab Samples: 40261108004, 40261108005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	04/24/23 09:06	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	04/24/23 09:06	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	04/24/23 09:06	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	04/24/23 09:06	
1,1-Dichloroethane	ug/L	<0.30	1.0	04/24/23 09:06	
1,1-Dichloroethene	ug/L	<0.58	1.0	04/24/23 09:06	
1,1-Dichloropropene	ug/L	<0.41	1.0	04/24/23 09:06	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	04/24/23 09:06	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	04/24/23 09:06	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/24/23 09:06	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	04/24/23 09:06	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	04/24/23 09:06	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	04/24/23 09:06	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	04/24/23 09:06	
1,2-Dichloroethane	ug/L	<0.29	1.0	04/24/23 09:06	
1,2-Dichloropropane	ug/L	<0.45	1.0	04/24/23 09:06	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	04/24/23 09:06	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	04/24/23 09:06	
1,3-Dichloropropane	ug/L	<0.30	1.0	04/24/23 09:06	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	04/24/23 09:06	
2,2-Dichloropropane	ug/L	<0.42	1.0	04/24/23 09:06	
2-Chlorotoluene	ug/L	<0.89	5.0	04/24/23 09:06	
4-Chlorotoluene	ug/L	<0.89	5.0	04/24/23 09:06	
Benzene	ug/L	<0.30	1.0	04/24/23 09:06	
Bromobenzene	ug/L	<0.36	1.0	04/24/23 09:06	
Bromochloromethane	ug/L	<0.36	1.0	04/24/23 09:06	
Bromodichloromethane	ug/L	<0.42	1.0	04/24/23 09:06	
Bromoform	ug/L	<0.43	1.0	04/24/23 09:06	
Bromomethane	ug/L	<1.2	5.0	04/24/23 09:06	
Carbon tetrachloride	ug/L	<0.37	1.0	04/24/23 09:06	
Chlorobenzene	ug/L	<0.86	1.0	04/24/23 09:06	
Chloroethane	ug/L	<1.4	5.0	04/24/23 09:06	
Chloroform	ug/L	<0.50	5.0	04/24/23 09:06	
Chloromethane	ug/L	<1.6	5.0	04/24/23 09:06	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	04/24/23 09:06	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	04/24/23 09:06	
Dibromochloromethane	ug/L	<2.6	5.0	04/24/23 09:06	
Dibromomethane	ug/L	<0.99	5.0	04/24/23 09:06	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/24/23 09:06	
Diisopropyl ether	ug/L	<1.1	5.0	04/24/23 09:06	

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
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: DUN-RITE
Pace Project No.: 40261108

METHOD BLANK: 2544272 Matrix: Water
Associated Lab Samples: 40261108004, 40261108005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	04/24/23 09:06	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/24/23 09:06	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/24/23 09:06	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/24/23 09:06	
Methylene Chloride	ug/L	<0.32	5.0	04/24/23 09:06	
n-Butylbenzene	ug/L	<0.86	1.0	04/24/23 09:06	
n-Propylbenzene	ug/L	<0.35	1.0	04/24/23 09:06	
Naphthalene	ug/L	<1.9	5.0	04/24/23 09:06	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/24/23 09:06	
sec-Butylbenzene	ug/L	<0.42	1.0	04/24/23 09:06	
Styrene	ug/L	<0.36	1.0	04/24/23 09:06	
tert-Butylbenzene	ug/L	<0.59	1.0	04/24/23 09:06	
Tetrachloroethene	ug/L	<0.41	1.0	04/24/23 09:06	
Toluene	ug/L	<0.29	1.0	04/24/23 09:06	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/24/23 09:06	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	04/24/23 09:06	
Trichloroethene	ug/L	<0.32	1.0	04/24/23 09:06	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/24/23 09:06	
Vinyl chloride	ug/L	<0.17	1.0	04/24/23 09:06	
Xylene (Total)	ug/L	<1.0	3.0	04/24/23 09:06	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	04/24/23 09:06	
4-Bromofluorobenzene (S)	%	101	70-130	04/24/23 09:06	
Toluene-d8 (S)	%	100	70-130	04/24/23 09:06	

LABORATORY CONTROL SAMPLE: 2544273

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	43.8	88	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	41.8	84	69-130	
1,1,2-Trichloroethane	ug/L	50	41.8	84	70-130	
1,1-Dichloroethane	ug/L	50	41.7	83	70-130	
1,1-Dichloroethene	ug/L	50	42.8	86	74-131	
1,2,4-Trichlorobenzene	ug/L	50	42.3	85	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	37.2	74	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	42.3	85	70-130	
1,2-Dichlorobenzene	ug/L	50	46.0	92	70-130	
1,2-Dichloroethane	ug/L	50	39.2	78	70-137	
1,2-Dichloropropane	ug/L	50	41.2	82	80-121	
1,3-Dichlorobenzene	ug/L	50	45.5	91	70-130	
1,4-Dichlorobenzene	ug/L	50	43.6	87	70-130	
Benzene	ug/L	50	44.4	89	70-130	
Bromodichloromethane	ug/L	50	43.6	87	70-130	
Bromoform	ug/L	50	42.5	85	70-130	
Bromomethane	ug/L	50	39.0	78	21-147	

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
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: DUN-RITE
Pace Project No.: 40261108

LABORATORY CONTROL SAMPLE: 2544273

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	44.0	88	80-146	
Chlorobenzene	ug/L	50	45.1	90	70-130	
Chloroethane	ug/L	50	40.6	81	52-165	
Chloroform	ug/L	50	44.1	88	80-123	
Chloromethane	ug/L	50	35.7	71	51-122	
cis-1,2-Dichloroethene	ug/L	50	42.6	85	70-130	
cis-1,3-Dichloropropene	ug/L	50	41.9	84	70-130	
Dibromochloromethane	ug/L	50	42.7	85	70-130	
Dichlorodifluoromethane	ug/L	50	39.6	79	25-121	
Ethylbenzene	ug/L	50	46.4	93	80-120	
Isopropylbenzene (Cumene)	ug/L	50	46.1	92	70-130	
Methyl-tert-butyl ether	ug/L	50	39.3	79	70-130	
Methylene Chloride	ug/L	50	42.2	84	70-130	
Styrene	ug/L	50	53.5	107	70-130	
Tetrachloroethene	ug/L	50	42.3	85	70-130	
Toluene	ug/L	50	44.7	89	80-120	
trans-1,2-Dichloroethene	ug/L	50	43.2	86	70-130	
trans-1,3-Dichloropropene	ug/L	50	41.5	83	70-130	
Trichloroethene	ug/L	50	43.8	88	70-130	
Trichlorofluoromethane	ug/L	50	42.2	84	65-160	
Vinyl chloride	ug/L	50	40.6	81	63-134	
Xylene (Total)	ug/L	150	134	90	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2544308 2544309

Parameter	Units	40260949013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	41.1	45.2	82	90	70-134	9	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	38.9	42.3	78	85	61-135	8	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	38.9	41.9	78	84	70-130	7	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	40.9	44.4	82	89	70-130	8	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	41.4	45.7	83	91	71-130	10	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	39.7	42.6	79	85	68-131	7	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	34.5	39.0	69	78	51-141	12	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	39.9	42.7	80	85	70-130	7	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	42.7	45.3	85	91	70-130	6	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	37.2	39.8	74	80	70-137	7	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	39.0	42.8	78	86	80-121	9	20	M1
1,3-Dichlorobenzene	ug/L	<0.35	50	50	43.1	45.8	86	92	70-130	6	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	40.7	43.1	81	86	70-130	6	20	
Benzene	ug/L	<0.30	50	50	42.2	45.2	84	90	70-130	7	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: DUN-RITE
Pace Project No.: 40261108

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2544308 2544309

Parameter	Units	40260949013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromodichloromethane	ug/L	<0.42	50	50	40.8	43.8	82	88	70-130	7	20	
Bromoform	ug/L	<0.43	50	50	39.0	42.1	78	84	70-133	8	20	
Bromomethane	ug/L	<1.2	50	50	40.9	48.1	82	96	21-149	16	22	
Carbon tetrachloride	ug/L	<0.37	50	50	42.2	45.4	84	91	80-146	7	20	
Chlorobenzene	ug/L	<0.86	50	50	41.5	44.6	83	89	70-130	7	20	
Chloroethane	ug/L	<1.4	50	50	41.2	41.7	82	83	52-165	1	20	
Chloroform	ug/L	<0.50	50	50	41.5	44.2	83	88	80-123	6	20	
Chloromethane	ug/L	<1.6	50	50	34.6	37.3	69	75	42-125	8	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	40.0	43.7	80	87	70-130	9	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	39.3	42.9	79	86	70-130	9	20	
Dibromochloromethane	ug/L	<2.6	50	50	39.8	41.8	80	84	70-130	5	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	37.5	41.5	75	83	25-121	10	20	
Ethylbenzene	ug/L	<0.33	50	50	43.0	45.3	86	91	80-121	5	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	42.2	45.3	84	91	70-130	7	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	38.2	41.1	76	82	70-130	7	20	
Methylene Chloride	ug/L	<0.32	50	50	40.6	43.4	81	87	70-130	7	20	
Styrene	ug/L	<0.36	50	50	49.6	52.7	99	105	70-132	6	20	
Tetrachloroethene	ug/L	<0.41	50	50	40.1	42.4	80	85	70-130	6	20	
Toluene	ug/L	<0.29	50	50	41.7	44.4	83	89	80-120	6	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	41.7	44.7	83	89	70-130	7	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	39.2	40.8	78	82	70-130	4	20	
Trichloroethene	ug/L	<0.32	50	50	42.5	45.7	85	91	70-130	7	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	41.7	45.3	83	91	65-160	8	20	
Vinyl chloride	ug/L	<0.17	50	50	39.9	42.8	80	86	60-137	7	20	
Xylene (Total)	ug/L	<1.0	150	150	125	133	83	88	70-130	6	20	
1,2-Dichlorobenzene-d4 (S)	%						99	98	70-130			
4-Bromofluorobenzene (S)	%						97	97	70-130			
Toluene-d8 (S)	%						100	98	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: DUN-RITE
Pace Project No.: 40261108

QC Batch: 443285
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40261108001, 40261108002, 40261108003

METHOD BLANK: 2545281 Matrix: Water
Associated Lab Samples: 40261108001, 40261108002, 40261108003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	04/27/23 07:36	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	04/27/23 07:36	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	04/27/23 07:36	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	04/27/23 07:36	
1,1-Dichloroethane	ug/L	<0.30	1.0	04/27/23 07:36	
1,1-Dichloroethene	ug/L	<0.58	1.0	04/27/23 07:36	
1,1-Dichloropropene	ug/L	<0.41	1.0	04/27/23 07:36	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	04/27/23 07:36	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	04/27/23 07:36	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/27/23 07:36	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	04/27/23 07:36	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	04/27/23 07:36	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	04/27/23 07:36	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	04/27/23 07:36	
1,2-Dichloroethane	ug/L	<0.29	1.0	04/27/23 07:36	
1,2-Dichloropropane	ug/L	<0.45	1.0	04/27/23 07:36	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	04/27/23 07:36	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	04/27/23 07:36	
1,3-Dichloropropane	ug/L	<0.30	1.0	04/27/23 07:36	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	04/27/23 07:36	
2,2-Dichloropropane	ug/L	<0.42	1.0	04/27/23 07:36	
2-Chlorotoluene	ug/L	<0.89	5.0	04/27/23 07:36	
4-Chlorotoluene	ug/L	<0.89	5.0	04/27/23 07:36	
Benzene	ug/L	<0.30	1.0	04/27/23 07:36	
Bromobenzene	ug/L	<0.36	1.0	04/27/23 07:36	
Bromochloromethane	ug/L	<0.36	1.0	04/27/23 07:36	
Bromodichloromethane	ug/L	<0.42	1.0	04/27/23 07:36	
Bromoform	ug/L	<0.43	1.0	04/27/23 07:36	
Bromomethane	ug/L	<1.2	5.0	04/27/23 07:36	
Carbon tetrachloride	ug/L	<0.37	1.0	04/27/23 07:36	
Chlorobenzene	ug/L	<0.86	1.0	04/27/23 07:36	
Chloroethane	ug/L	<1.4	5.0	04/27/23 07:36	
Chloroform	ug/L	<0.50	5.0	04/27/23 07:36	
Chloromethane	ug/L	<1.6	5.0	04/27/23 07:36	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	04/27/23 07:36	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	04/27/23 07:36	
Dibromochloromethane	ug/L	<2.6	5.0	04/27/23 07:36	
Dibromomethane	ug/L	<0.99	5.0	04/27/23 07:36	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/27/23 07:36	
Diisopropyl ether	ug/L	<1.1	5.0	04/27/23 07:36	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: DUN-RITE
Pace Project No.: 40261108

METHOD BLANK: 2545281 Matrix: Water
Associated Lab Samples: 40261108001, 40261108002, 40261108003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	04/27/23 07:36	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/27/23 07:36	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/27/23 07:36	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/27/23 07:36	
Methylene Chloride	ug/L	<0.32	5.0	04/27/23 07:36	
n-Butylbenzene	ug/L	<0.86	1.0	04/27/23 07:36	
n-Propylbenzene	ug/L	<0.35	1.0	04/27/23 07:36	
Naphthalene	ug/L	<1.9	5.0	04/27/23 07:36	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/27/23 07:36	
sec-Butylbenzene	ug/L	<0.42	1.0	04/27/23 07:36	
Styrene	ug/L	<0.36	1.0	04/27/23 07:36	
tert-Butylbenzene	ug/L	<0.59	1.0	04/27/23 07:36	
Tetrachloroethene	ug/L	<0.41	1.0	04/27/23 07:36	
Toluene	ug/L	<0.29	1.0	04/27/23 07:36	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/27/23 07:36	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	04/27/23 07:36	
Trichloroethene	ug/L	<0.32	1.0	04/27/23 07:36	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/27/23 07:36	
Vinyl chloride	ug/L	<0.17	1.0	04/27/23 07:36	
Xylene (Total)	ug/L	<1.0	3.0	04/27/23 07:36	
1,2-Dichlorobenzene-d4 (S)	%	105	70-130	04/27/23 07:36	
4-Bromofluorobenzene (S)	%	109	70-130	04/27/23 07:36	
Toluene-d8 (S)	%	103	70-130	04/27/23 07:36	

LABORATORY CONTROL SAMPLE: 2545282

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.4	113	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	58.3	117	69-130	
1,1,2-Trichloroethane	ug/L	50	54.9	110	70-130	
1,1-Dichloroethane	ug/L	50	56.9	114	70-130	
1,1-Dichloroethene	ug/L	50	59.7	119	74-131	
1,2,4-Trichlorobenzene	ug/L	50	43.3	87	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.0	100	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	50.4	101	70-130	
1,2-Dichlorobenzene	ug/L	50	51.3	103	70-130	
1,2-Dichloroethane	ug/L	50	55.2	110	70-137	
1,2-Dichloropropane	ug/L	50	56.7	113	80-121	
1,3-Dichlorobenzene	ug/L	50	52.0	104	70-130	
1,4-Dichlorobenzene	ug/L	50	50.1	100	70-130	
Benzene	ug/L	50	55.3	111	70-130	
Bromodichloromethane	ug/L	50	55.3	111	70-130	
Bromoform	ug/L	50	49.7	99	70-130	
Bromomethane	ug/L	50	48.0	96	21-147	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: DUN-RITE
Pace Project No.: 40261108

LABORATORY CONTROL SAMPLE: 2545282

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	63.7	127	80-146	
Chlorobenzene	ug/L	50	53.5	107	70-130	
Chloroethane	ug/L	50	57.8	116	52-165	
Chloroform	ug/L	50	55.3	111	80-123	
Chloromethane	ug/L	50	53.6	107	51-122	
cis-1,2-Dichloroethene	ug/L	50	50.8	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.4	105	70-130	
Dibromochloromethane	ug/L	50	52.0	104	70-130	
Dichlorodifluoromethane	ug/L	50	37.1	74	25-121	
Ethylbenzene	ug/L	50	56.2	112	80-120	
Isopropylbenzene (Cumene)	ug/L	50	52.6	105	70-130	
Methyl-tert-butyl ether	ug/L	50	56.1	112	70-130	
Methylene Chloride	ug/L	50	59.8	120	70-130	
Styrene	ug/L	50	63.1	126	70-130	
Tetrachloroethene	ug/L	50	49.4	99	70-130	
Toluene	ug/L	50	53.4	107	80-120	
trans-1,2-Dichloroethene	ug/L	50	58.6	117	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.8	102	70-130	
Trichloroethene	ug/L	50	53.3	107	70-130	
Trichlorofluoromethane	ug/L	50	56.6	113	65-160	
Vinyl chloride	ug/L	50	55.8	112	63-134	
Xylene (Total)	ug/L	150	161	107	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			109	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2545974 2545975

Parameter	Units	40261276007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	54.3	53.9	109	108	70-134	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	57.4	57.2	115	114	61-135	0	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	53.3	54.6	107	109	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	55.1	55.8	110	112	70-130	1	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	57.9	57.0	116	114	71-130	2	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	45.2	43.0	90	86	68-131	5	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	51.1	47.8	102	96	51-141	7	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	48.5	49.7	97	99	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	53.4	54.9	107	110	70-137	3	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	55.2	56.2	110	112	80-121	2	20	
1,3-Dichlorobenzene	ug/L	12.0	50	50	63.9	64.8	104	106	70-130	1	20	
1,4-Dichlorobenzene	ug/L	80.5	50	50	129	130	96	99	70-130	1	20	
Benzene	ug/L	6.1	50	50	59.8	59.6	107	107	70-130	0	20	
Bromodichloromethane	ug/L	<0.42	50	50	54.3	54.5	109	109	70-130	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: DUN-RITE
Pace Project No.: 40261108

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2545974 2545975

Parameter	Units	40261276007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromoform	ug/L	<0.43	50	50	49.0	48.7	98	97	70-133	1	20	
Bromomethane	ug/L	<1.2	50	50	50.5	50.9	101	102	21-149	1	22	
Carbon tetrachloride	ug/L	<0.37	50	50	62.5	63.4	125	127	80-146	1	20	
Chlorobenzene	ug/L	210	50	50	263	269	106	118	70-130	2	20	
Chloroethane	ug/L	<1.4	50	50	58.8	62.5	118	125	52-165	6	20	
Chloroform	ug/L	<0.50	50	50	54.0	54.6	108	109	80-123	1	20	
Chloromethane	ug/L	<1.6	50	50	48.8	50.1	98	100	42-125	3	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	49.0	49.9	98	100	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	52.6	51.4	105	103	70-130	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	50.1	51.9	100	104	70-130	3	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	32.5	32.2	65	64	25-121	1	20	
Ethylbenzene	ug/L	<0.33	50	50	53.4	53.6	107	107	80-121	0	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	51.1	51.8	102	104	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	55.3	54.5	111	109	70-130	1	20	
Methylene Chloride	ug/L	<0.32	50	50	56.8	57.8	114	116	70-130	2	20	
Styrene	ug/L	<0.36	50	50	61.4	61.2	123	122	70-132	0	20	
Tetrachloroethene	ug/L	<0.41	50	50	48.5	49.2	97	98	70-130	1	20	
Toluene	ug/L	<0.29	50	50	52.2	52.8	104	106	80-120	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	56.3	57.4	113	115	70-130	2	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	49.9	51.1	100	102	70-130	2	20	
Trichloroethene	ug/L	<0.32	50	50	52.4	53.5	105	107	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	54.7	54.1	109	108	65-160	1	20	
Vinyl chloride	ug/L	<0.17	50	50	53.3	53.7	107	107	60-137	1	20	
Xylene (Total)	ug/L	<1.0	150	150	157	157	105	105	70-130	0	20	
1,2-Dichlorobenzene-d4 (S)	%						112	109	70-130			
4-Bromofluorobenzene (S)	%						108	107	70-130			
Toluene-d8 (S)	%						101	103	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: DUN-RITE
Pace Project No.: 40261108

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.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DUN-RITE
Pace Project No.: 40261108

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40261108001	**GP-11**	EPA 8260	443285		
40261108002	**MWG-1**	EPA 8260	443285		
40261108003	**GP-12**	EPA 8260	443285		
40261108004	**QA-1**	EPA 8260	443079		
40261108005	**TRIP BLANK**	EPA 8260	443079		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40261108

ALL SHADED AREAS are for LAB USE ONLY

Company: Sand County Environmental	Billing Information: Same
Address: 151 Mill St.	Container Preservative Type ** / Lab Project Manager:
Report To: Pete Arntsen	Email To: pete.arntsen@sandcountyenv.com
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Dan-Rite	State: WI County/City: Stevens Point Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: 715-824-5169 Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [X] No
Collected By (print): Pete Arntsen	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: normal / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [X] No / Analysis:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOC	Lab Profile/Line:
GP-11	GW		4/17	1:45				3	X	001
MWG-1				2:08				3	X	002
GP-12				2:30				3	X	003
QA-1				—				3	X	004
Trip Blank								2	X	005

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Received on ice 4/21/23

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: 1

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2830345

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments: 1

Relinquished by/Company: (Signature)	Date/Time: 4/20/23 9	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time: 4/21/23 0825	Received by/Company: (Signature)	Date/Time: 4/21/23 0825
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: of:

Sample Preservation Receipt Form

Client Name: Sand Creek Project # 40261108

All containers needing preservation have been checked and noted below. ☐Yes ☐No ~~☐N/A~~ Initial when completed. Date/ Time:

Lab Lot# of pH paper. Lab Std #ID of preservation (if pH adjusted)

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	Vials: VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																	3											1						2.5 / 5
002																	3																	2.5 / 5
003																	3																	2.5 / 5
004																	3																	2.5 / 5
005																	2											2						2.5 / 5
006																																		2.5 / 5
007																																		2.5 / 5
008																																		2.5 / 5
009																																		2.5 / 5
010																																		2.5 / 5
011																																		2.5 / 5
012																																		2.5 / 5
013																																		2.5 / 5
014																																		2.5 / 5
015																																		2.5 / 5
016																																		2.5 / 5
017																																		2.5 / 5
018																																		2.5 / 5
019																																		2.5 / 5
020																																		2.5 / 5

mlt 4/21/23

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	VG9C	40 mL clear ascorbic w/ HCl	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
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	
						GN 2	

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40261108

40261108

Client Name: Sand Creek

Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☒ Waltco ☐ Client ☐ Pace Other: _____

Tracking #: 3545380

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 - 120 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 3.0 /Corr: 3.0

Temp Blank Present: ☒ yes ☐ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:
Date: 4/21/23 /Initials: MH

Labeled By Initials: MH

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD: ☐Yes ☒No ☐N/A		8.
Correct Containers Used:	☒Yes ☐No	9.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☐Yes ☒No ☐N/A	12. 002 has 1 of 6 mw-1 m 4/21/23
Trip Blank Present	☒Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 499		

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 logi

ANALYTICAL REPORT

May 11, 2023

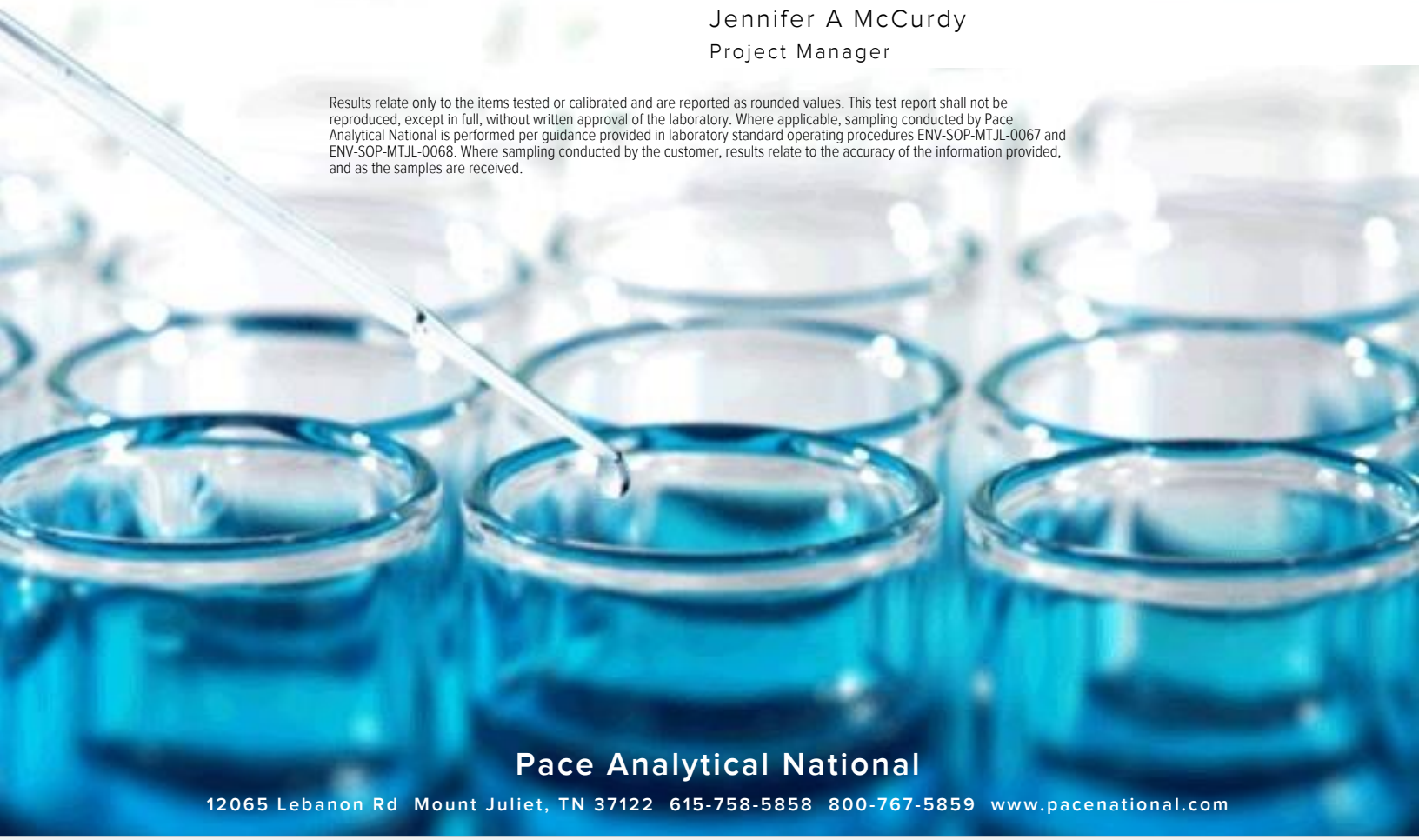
Sand County Environmental

Sample Delivery Group:	L1609359
Samples Received:	04/26/2023
Project Number:	
Description:	Dun-Rite

Report To: Pete Arnsten
PO Box 218
Amherst, WI 54406

Entire Report Reviewed By:

Jennifer A McCurdy
Project Manager



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

SSV101 L1609359-01 Air

Collected by: Pete Arntsen | Collected date/time: 04/17/23 11:34 | Received date/time: 04/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2054930	1	05/05/23 18:55	05/05/23 18:55	DBB	Mt. Juliet, TN

SSV203 L1609359-02 Air

Collected by: Pete Arntsen | Collected date/time: 04/17/23 11:22 | Received date/time: 04/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2054930	1	05/05/23 19:35	05/05/23 19:35	DBB	Mt. Juliet, TN

SSVV06 L1609359-03 Air

Collected by: Pete Arntsen | Collected date/time: 04/17/23 10:12 | Received date/time: 04/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2054930	1	05/05/23 20:15	05/05/23 20:15	DBB	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG2057429	1	05/10/23 12:21	05/10/23 12:21	AA	Mt. Juliet, TN

SSV405 L1609359-04 Air

Collected by: Pete Arntsen | Collected date/time: 04/17/23 10:37 | Received date/time: 04/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2054930	1	05/05/23 20:55	05/05/23 20:55	DBB	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG2057429	10	05/10/23 13:02	05/10/23 13:02	AA	Mt. Juliet, TN

BLOWER EXHAUST L1609359-05 Air

Collected by: Pete Arntsen | Collected date/time: 04/17/23 11:44 | Received date/time: 04/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2057332	1	05/10/23 11:45	05/10/23 11:45	DBB	Mt. Juliet, TN

AA405 (OUTSIDE) L1609359-06 Air

Collected by: Pete Arntsen | Collected date/time: 04/17/23 10:20 | Received date/time: 04/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2057332	1	05/10/23 12:16	05/10/23 12:16	DBB	Mt. Juliet, TN

AA408 (ATTORNEY) L1609359-07 Air

Collected by: Pete Arntsen | Collected date/time: 04/17/23 16:05 | Received date/time: 04/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2057332	1	05/10/23 12:46	05/10/23 12:46	DBB	Mt. Juliet, TN

AA407 (WILDCARD) L1609359-08 Air

Collected by: Pete Arntsen | Collected date/time: 04/17/23 16:30 | Received date/time: 04/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2057332	1	05/10/23 13:16	05/10/23 13:16	DBB	Mt. Juliet, TN

AA407 (LOFTY) L1609359-09 Air

	Collected by	Collected date/time	Received date/time
	Pete Arntsen	04/17/23 16:35	04/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2054930	1	05/06/23 00:12	05/06/23 00:12	DBB	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG2057332	1	05/10/23 13:46	05/10/23 13:46	DBB	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jennifer A McCurdy
Project Manager

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	4.76	11.3		1	WG2054930
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2054930
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2054930
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2054930
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2054930
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2054930
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2054930
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2054930
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2054930
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2054930
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2054930
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2054930
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2054930
Chloromethane	74-87-3	50.50	0.343	0.708	ND	ND		1	WG2054930
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2054930
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2054930
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2054930
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2054930
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2054930
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2054930
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2054930
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2054930
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2054930
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2054930
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2054930
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2054930
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2054930
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2054930
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2054930
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2054930
Ethanol	64-17-5	46.10	0.883	1.66	68.0	128		1	WG2054930
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2054930
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2054930
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	0.279	1.57		1	WG2054930
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	3.01	14.9		1	WG2054930
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2054930
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2054930
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2054930
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2054930
n-Hexane	110-54-3	86.20	0.687	2.42	1.39	4.90		1	WG2054930
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2054930
Methylene Chloride	75-09-2	84.90	0.326	1.13	2.07	7.19		1	WG2054930
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2054930
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	0.510	1.50		1	WG2054930
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	0.391	1.60		1	WG2054930
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2054930
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2054930
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2054930
2-Propanol	67-63-0	60.10	0.880	2.16	6.58	16.2		1	WG2054930
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2054930
Styrene	100-42-5	104	0.263	1.12	0.409	1.74		1	WG2054930
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2054930
Tetrachloroethylene	127-18-4	166	0.271	1.84	99.2	674		1	WG2054930
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	ND	ND		1	WG2054930
Toluene	108-88-3	92.10	0.290	1.09	6.82	25.7		1	WG2054930
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2054930

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	WG2054930
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	WG2054930
Trichloroethylene	79-01-6	131	0.227	1.22	0.822	4.40		1	WG2054930
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	ND	ND		1	WG2054930
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	WG2054930
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	WG2054930
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	WG2054930
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	WG2054930
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	WG2054930
Xylenes, Total	1330-20-7	106.16	0.450	1.95	0.787	3.42		1	WG2054930
m&p-Xylene	1330-20-7	106	0.450	1.95	0.531	2.30		1	WG2054930
o-Xylene	95-47-6	106	0.276	1.20	ND	ND		1	WG2054930
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*104*				WG2054930

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	6.23	14.8		1	WG2054930
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2054930
Benzene	71-43-2	78.10	0.238	0.760	1.36	4.34		1	WG2054930
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2054930
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2054930
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2054930
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2054930
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2054930
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2054930
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2054930
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2054930
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2054930
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2054930
Chloromethane	74-87-3	50.50	0.343	0.708	ND	ND		1	WG2054930
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2054930
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2054930
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2054930
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2054930
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2054930
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2054930
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2054930
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2054930
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2054930
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2054930
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2054930
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2054930
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2054930
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2054930
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2054930
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2054930
Ethanol	64-17-5	46.10	0.883	1.66	18.9	35.6		1	WG2054930
Ethylbenzene	100-41-4	106	0.278	1.21	5.23	22.7		1	WG2054930
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2054930
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2054930
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	2.69	13.3		1	WG2054930
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2054930
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2054930
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2054930
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2054930
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2054930
Isopropylbenzene	98-82-8	120.20	0.259	1.27	0.535	2.63		1	WG2054930
Methylene Chloride	75-09-2	84.90	0.326	1.13	0.520	1.81		1	WG2054930
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2054930
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	1.35	3.98		1	WG2054930
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2054930
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2054930
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2054930
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2054930
2-Propanol	67-63-0	60.10	0.880	2.16	2.89	7.10		1	WG2054930
Propene	115-07-1	42.10	0.311	0.536	0.557	0.959		1	WG2054930
Styrene	100-42-5	104	0.263	1.12	0.579	2.46		1	WG2054930
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2054930
Tetrachloroethylene	127-18-4	166	0.271	1.84	0.945	6.42		1	WG2054930
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	ND	ND		1	WG2054930
Toluene	108-88-3	92.10	0.290	1.09	22.8	85.9		1	WG2054930
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2054930

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	WG2054930
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	WG2054930
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	WG2054930
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	0.583	2.86		1	WG2054930
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	WG2054930
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	WG2054930
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	WG2054930
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	WG2054930
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	WG2054930
Xylenes, Total	1330-20-7	106.16	0.450	1.95	6.97	30.3		1	WG2054930
m&p-Xylene	1330-20-7	106	0.450	1.95	4.91	21.3		1	WG2054930
o-Xylene	95-47-6	106	0.276	1.20	2.06	8.93		1	WG2054930
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*104*				WG2054930

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	8.02	19.1		1	WG2057429
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2057429
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2057429
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2054930
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2057429
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2054930
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2057429
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2057429
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2057429
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2057429
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2057429
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2057429
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2057429
Chloromethane	74-87-3	50.50	0.343	0.708	0.418	0.863		1	WG2057429
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2054930
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2057429
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2057429
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2057429
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2054930
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2054930
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	0.766	4.61		1	WG2054930
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2057429
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2057429
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2057429
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2057429
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2057429
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2057429
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2057429
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2057429
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2057429
Ethanol	64-17-5	46.10	0.883	1.66	62.0	117		1	WG2057429
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2054930
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2054930
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2057429
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	1.19	5.89		1	WG2057429
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2057429
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2057429
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2057429
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2054930
n-Hexane	110-54-3	86.20	0.687	2.42	0.789	2.78		1	WG2057429
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2054930
Methylene Chloride	75-09-2	84.90	0.326	1.13	0.703	2.44		1	WG2057429
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2057429
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	1.03	3.04		1	WG2057429
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	0.321	1.31		1	WG2057429
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2057429
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2057429
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2054930
2-Propanol	67-63-0	60.10	0.880	2.16	6.45	15.9		1	WG2057429
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2057429
Styrene	100-42-5	104	0.263	1.12	0.301	1.28		1	WG2054930
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2054930
Tetrachloroethylene	127-18-4	166	0.271	1.84	97.4	661		1	WG2057429
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	0.406	1.20		1	WG2057429
Toluene	108-88-3	92.10	0.290	1.09	8.25	31.1		1	WG2057429
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2054930

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	WG2057429
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	WG2057429
Trichloroethylene	79-01-6	131	0.227	1.22	0.234	1.25		1	WG2057429
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	ND	ND		1	WG2054930
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	WG2054930
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	WG2057429
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	WG2057429
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	WG2057429
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	WG2057429
Xylenes, Total	1330-20-7	106.16	0.450	1.95	0.777	3.37		1	WG2054930
m&p-Xylene	1330-20-7	106	0.450	1.95	0.536	2.32		1	WG2054930
o-Xylene	95-47-6	106	0.276	1.20	ND	ND		1	WG2054930
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*104*				WG2054930
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*92.8*				WG2057429

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	4.22	10.0		1	WG2054930
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2054930
Benzene	71-43-2	78.10	2.38	7.60	ND	ND		10	WG2057429
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2054930
Bromodichloromethane	75-27-4	164	2.34	15.7	ND	ND		10	WG2057429
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2054930
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2054930
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2054930
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2054930
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2054930
Chlorobenzene	108-90-7	113	2.77	12.8	ND	ND		10	WG2057429
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2054930
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2054930
Chloromethane	74-87-3	50.50	0.343	0.708	ND	ND		1	WG2054930
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2054930
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2054930
Dibromochloromethane	124-48-1	208	2.42	20.6	ND	ND		10	WG2057429
1,2-Dibromoethane	106-93-4	188	2.40	18.5	ND	ND		10	WG2057429
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2054930
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2054930
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	0.319	1.92		1	WG2054930
1,2-Dichloroethane	107-06-2	99	2.33	9.43	ND	ND		10	WG2057429
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2054930
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2054930
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2054930
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2054930
1,2-Dichloropropane	78-87-5	113	2.53	11.7	ND	ND		10	WG2057429
cis-1,3-Dichloropropene	10061-01-5	111	2.30	10.4	ND	ND		10	WG2057429
trans-1,3-Dichloropropene	10061-02-6	111	2.43	11.0	ND	ND		10	WG2057429
1,4-Dioxane	123-91-1	88.10	2.78	10.0	ND	ND		10	WG2057429
Ethanol	64-17-5	46.10	0.883	1.66	23.4	44.1		1	WG2054930
Ethylbenzene	100-41-4	106	0.278	1.21	0.333	1.44		1	WG2054930
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2054930
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2054930
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	1.35	6.68		1	WG2054930
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2054930
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2054930
Heptane	142-82-5	100	3.47	14.2	ND	ND		10	WG2057429
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2054930
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2054930
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2054930
Methylene Chloride	75-09-2	84.90	0.326	1.13	0.585	2.03		1	WG2054930
Methyl Butyl Ketone	591-78-6	100	4.43	18.1	ND	ND		10	WG2057429
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	1.30	3.83		1	WG2054930
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	2.55	10.4	ND	ND		10	WG2057429
Methyl methacrylate	80-62-6	100.12	2.92	12.0	ND	ND		10	WG2057429
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2054930
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2054930
2-Propanol	67-63-0	60.10	0.880	2.16	2.51	6.17		1	WG2054930
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2054930
Styrene	100-42-5	104	0.263	1.12	1.19	5.06		1	WG2054930
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2054930
Tetrachloroethylene	127-18-4	166	2.71	18.4	766	5200		10	WG2057429
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	ND	ND		1	WG2054930
Toluene	108-88-3	92.10	2.90	10.9	8.71	32.8		10	WG2057429
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2054930

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	WG2054930
1,1,2-Trichloroethane	79-00-5	133	2.58	14.0	ND	ND		10	WG2057429
Trichloroethylene	79-01-6	131	2.27	12.2	15.3	82.0		10	WG2057429
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	0.310	1.52		1	WG2054930
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	WG2054930
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	WG2054930
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	WG2054930
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	WG2054930
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	WG2054930
Xylenes, Total	1330-20-7	106.16	0.450	1.95	1.69	7.34		1	WG2054930
m&p-Xylene	1330-20-7	106	0.450	1.95	1.12	4.86		1	WG2054930
o-Xylene	95-47-6	106	0.276	1.20	0.574	2.49		1	WG2054930
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*106*				WG2054930
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*95.5*				WG2057429

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	3.89	9.24		1	WG2057332
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2057332
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2057332
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2057332
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2057332
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2057332
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2057332
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2057332
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2057332
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2057332
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2057332
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2057332
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2057332
Chloromethane	74-87-3	50.50	0.343	0.708	0.473	0.977		1	WG2057332
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2057332
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2057332
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2057332
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2057332
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2057332
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2057332
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	ND	ND		1	WG2057332
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2057332
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2057332
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2057332
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2057332
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2057332
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2057332
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2057332
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2057332
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2057332
Ethanol	64-17-5	46.10	0.883	1.66	60.8	115		1	WG2057332
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2057332
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2057332
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2057332
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	3.26	16.1		1	WG2057332
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2057332
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2057332
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2057332
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2057332
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2057332
Isopropylbenzene	98-82-8	120.20	0.259	1.27	0.273	1.34		1	WG2057332
Methylene Chloride	75-09-2	84.90	0.326	1.13	1.68	5.83		1	WG2057332
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2057332
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	0.388	1.14		1	WG2057332
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	0.370	1.51		1	WG2057332
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2057332
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2057332
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2057332
2-Propanol	67-63-0	60.10	0.880	2.16	8.34	20.5		1	WG2057332
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2057332
Styrene	100-42-5	104	0.263	1.12	ND	ND		1	WG2057332
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2057332
Tetrachloroethylene	127-18-4	166	0.271	1.84	15.3	104		1	WG2057332
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	ND	ND		1	WG2057332
Toluene	108-88-3	92.10	0.290	1.09	1.42	5.35		1	WG2057332
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2057332

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	WG2057332
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	WG2057332
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	WG2057332
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	ND	ND		1	WG2057332
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	WG2057332
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	WG2057332
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	WG2057332
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	WG2057332
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	WG2057332
Xylenes, Total	1330-20-7	106.16	0.450	1.95	ND	ND		1	WG2057332
m&p-Xylene	1330-20-7	106	0.450	1.95	ND	ND		1	WG2057332
o-Xylene	95-47-6	106	0.276	1.20	ND	ND		1	WG2057332
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*101*				WG2057332

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	ND	ND		1	WG2057332
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2057332
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2057332
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2057332
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2057332
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2057332
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2057332
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2057332
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2057332
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2057332
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2057332
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2057332
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2057332
Chloromethane	74-87-3	50.50	0.343	0.708	0.533	1.10		1	WG2057332
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2057332
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2057332
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2057332
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2057332
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2057332
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2057332
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	0.320	1.92		1	WG2057332
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2057332
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2057332
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2057332
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2057332
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2057332
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2057332
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2057332
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2057332
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2057332
Ethanol	64-17-5	46.10	0.883	1.66	7.41	14.0		1	WG2057332
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2057332
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2057332
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2057332
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	0.538	2.66		1	WG2057332
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2057332
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2057332
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2057332
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2057332
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2057332
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2057332
Methylene Chloride	75-09-2	84.90	0.326	1.13	ND	ND		1	WG2057332
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2057332
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	ND	ND		1	WG2057332
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2057332
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2057332
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2057332
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2057332
2-Propanol	67-63-0	60.10	0.880	2.16	4.62	11.4		1	WG2057332
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2057332
Styrene	100-42-5	104	0.263	1.12	ND	ND		1	WG2057332
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2057332
Tetrachloroethylene	127-18-4	166	0.271	1.84	ND	ND		1	WG2057332
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	ND	ND		1	WG2057332
Toluene	108-88-3	92.10	0.290	1.09	ND	ND		1	WG2057332
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2057332

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	WG2057332
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	WG2057332
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	WG2057332
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	ND	ND		1	WG2057332
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	WG2057332
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	WG2057332
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	WG2057332
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	WG2057332
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	WG2057332
Xylenes, Total	1330-20-7	106.16	0.450	1.95	ND	ND		1	WG2057332
m&p-Xylene	1330-20-7	106	0.450	1.95	ND	ND		1	WG2057332
o-Xylene	95-47-6	106	0.276	1.20	ND	ND		1	WG2057332
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*102*				WG2057332

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	ND	ND		1	WG2057332
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2057332
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2057332
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2057332
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2057332
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2057332
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2057332
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2057332
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2057332
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2057332
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2057332
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2057332
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2057332
Chloromethane	74-87-3	50.50	0.343	0.708	0.551	1.14		1	WG2057332
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2057332
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2057332
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2057332
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2057332
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2057332
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2057332
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	3.83	23.0		1	WG2057332
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2057332
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2057332
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2057332
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2057332
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2057332
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2057332
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2057332
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2057332
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2057332
Ethanol	64-17-5	46.10	0.883	1.66	9.74	18.4		1	WG2057332
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2057332
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2057332
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2057332
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	1.13	5.59		1	WG2057332
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2057332
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2057332
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2057332
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2057332
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2057332
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2057332
Methylene Chloride	75-09-2	84.90	0.326	1.13	ND	ND		1	WG2057332
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2057332
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	ND	ND		1	WG2057332
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2057332
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2057332
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2057332
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2057332
2-Propanol	67-63-0	60.10	0.880	2.16	ND	ND		1	WG2057332
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2057332
Styrene	100-42-5	104	0.263	1.12	ND	ND		1	WG2057332
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2057332
Tetrachloroethylene	127-18-4	166	0.271	1.84	ND	ND		1	WG2057332
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	ND	ND		1	WG2057332
Toluene	108-88-3	92.10	0.290	1.09	ND	ND		1	WG2057332
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2057332

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	WG2057332
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	WG2057332
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	WG2057332
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	ND	ND		1	WG2057332
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	WG2057332
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	WG2057332
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	WG2057332
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	WG2057332
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	WG2057332
Xylenes, Total	1330-20-7	106.16	0.450	1.95	ND	ND		1	WG2057332
m&p-Xylene	1330-20-7	106	0.450	1.95	ND	ND		1	WG2057332
o-Xylene	95-47-6	106	0.276	1.20	ND	ND		1	WG2057332
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*101*				WG2057332

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	2.76	6.56		1	WG2057332
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2057332
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2057332
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2057332
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2057332
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2057332
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2057332
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2057332
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2057332
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2057332
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2057332
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2057332
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2057332
Chloromethane	74-87-3	50.50	0.343	0.708	0.589	1.22		1	WG2057332
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2057332
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2057332
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2057332
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2057332
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2057332
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2057332
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	6.01	36.1		1	WG2057332
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2057332
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2057332
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2057332
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2057332
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2057332
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2057332
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2057332
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2057332
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2057332
Ethanol	64-17-5	46.10	0.883	1.66	37.5	70.7		1	WG2057332
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2057332
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2057332
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	ND	ND		1	WG2057332
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	1.55	7.67		1	WG2057332
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2057332
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2057332
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2057332
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2057332
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2057332
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2057332
Methylene Chloride	75-09-2	84.90	0.326	1.13	0.763	2.65		1	WG2057332
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2057332
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	0.395	1.16		1	WG2057332
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2057332
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2057332
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2057332
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2057332
2-Propanol	67-63-0	60.10	0.880	2.16	2.71	6.66		1	WG2057332
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2057332
Styrene	100-42-5	104	0.263	1.12	ND	ND		1	WG2057332
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2057332
Tetrachloroethylene	127-18-4	166	0.271	1.84	0.651	4.42		1	WG2057332
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	ND	ND		1	WG2057332
Toluene	108-88-3	92.10	0.290	1.09	0.338	1.27		1	WG2057332
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2057332

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	WG2057332
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	WG2057332
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	WG2057332
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	ND	ND		1	WG2057332
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	WG2057332
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	WG2057332
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	WG2057332
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	WG2057332
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	WG2057332
Xylenes, Total	1330-20-7	106.16	0.450	1.95	ND	ND		1	WG2057332
m&p-Xylene	1330-20-7	106	0.450	1.95	ND	ND		1	WG2057332
o-Xylene	95-47-6	106	0.276	1.20	ND	ND		1	WG2057332
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*102*				WG2057332

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.95	4.63	5.59	13.3		1	WG2054930
Allyl chloride	107-05-1	76.53	0.380	1.19	ND	ND		1	WG2054930
Benzene	71-43-2	78.10	0.238	0.760	ND	ND		1	WG2057332
Benzyl Chloride	100-44-7	127	0.199	1.03	ND	ND		1	WG2057332
Bromodichloromethane	75-27-4	164	0.234	1.57	ND	ND		1	WG2057332
Bromoform	75-25-2	253	0.244	2.52	ND	ND		1	WG2057332
Bromomethane	74-83-9	94.90	0.327	1.27	ND	ND		1	WG2054930
1,3-Butadiene	106-99-0	54.10	0.347	0.768	ND	ND		1	WG2054930
Carbon disulfide	75-15-0	76.10	0.340	1.06	ND	ND		1	WG2054930
Carbon tetrachloride	56-23-5	154	0.244	1.54	ND	ND		1	WG2054930
Chlorobenzene	108-90-7	113	0.277	1.28	ND	ND		1	WG2057332
Chloroethane	75-00-3	64.50	0.332	0.876	ND	ND		1	WG2054930
Chloroform	67-66-3	119	0.239	1.16	ND	ND		1	WG2054930
Chloromethane	74-87-3	50.50	0.343	0.708	0.673	1.39		1	WG2054930
2-Chlorotoluene	95-49-8	126	0.276	1.42	ND	ND		1	WG2057332
Cyclohexane	110-82-7	84.20	0.251	0.864	ND	ND		1	WG2054930
Dibromochloromethane	124-48-1	208	0.242	2.06	ND	ND		1	WG2057332
1,2-Dibromoethane	106-93-4	188	0.240	1.85	ND	ND		1	WG2057332
1,2-Dichlorobenzene	95-50-1	147	0.427	2.57	ND	ND		1	WG2057332
1,3-Dichlorobenzene	541-73-1	147	0.607	3.65	ND	ND		1	WG2057332
1,4-Dichlorobenzene	106-46-7	147	0.186	1.12	12.0	72.1		1	WG2057332
1,2-Dichloroethane	107-06-2	99	0.233	0.943	ND	ND		1	WG2057332
1,1-Dichloroethane	75-34-3	98	0.241	0.966	ND	ND		1	WG2054930
1,1-Dichloroethene	75-35-4	96.90	0.254	1.01	ND	ND		1	WG2054930
cis-1,2-Dichloroethene	156-59-2	96.90	0.261	1.03	ND	ND		1	WG2054930
trans-1,2-Dichloroethene	156-60-5	96.90	0.224	0.888	ND	ND		1	WG2054930
1,2-Dichloropropane	78-87-5	113	0.253	1.17	ND	ND		1	WG2057332
cis-1,3-Dichloropropene	10061-01-5	111	0.230	1.04	ND	ND		1	WG2057332
trans-1,3-Dichloropropene	10061-02-6	111	0.243	1.10	ND	ND		1	WG2057332
1,4-Dioxane	123-91-1	88.10	0.278	1.00	ND	ND		1	WG2057332
Ethanol	64-17-5	46.10	0.883	1.66	71.0	134		1	WG2054930
Ethylbenzene	100-41-4	106	0.278	1.21	ND	ND		1	WG2057332
4-Ethyltoluene	622-96-8	120	0.261	1.28	ND	ND		1	WG2057332
Trichlorofluoromethane	75-69-4	137.40	0.273	1.53	0.274	1.54		1	WG2054930
Dichlorodifluoromethane	75-71-8	120.92	0.457	2.26	1.08	5.34		1	WG2054930
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.264	2.02	ND	ND		1	WG2054930
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.297	2.08	ND	ND		1	WG2054930
Heptane	142-82-5	100	0.347	1.42	ND	ND		1	WG2057332
Hexachloro-1,3-butadiene	87-68-3	261	0.350	3.74	ND	ND		1	WG2057332
n-Hexane	110-54-3	86.20	0.687	2.42	ND	ND		1	WG2054930
Isopropylbenzene	98-82-8	120.20	0.259	1.27	ND	ND		1	WG2057332
Methylene Chloride	75-09-2	84.90	0.326	1.13	1.96	6.81		1	WG2054930
Methyl Butyl Ketone	591-78-6	100	0.443	1.81	ND	ND		1	WG2057332
2-Butanone (MEK)	78-93-3	72.10	0.271	0.799	0.621	1.83		1	WG2054930
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.255	1.04	ND	ND		1	WG2057332
Methyl methacrylate	80-62-6	100.12	0.292	1.20	ND	ND		1	WG2057332
MTBE	1634-04-4	88.10	0.216	0.778	ND	ND		1	WG2054930
Naphthalene	91-20-3	128	1.17	6.13	ND	ND		1	WG2057332
2-Propanol	67-63-0	60.10	0.880	2.16	4.77	11.7		1	WG2054930
Propene	115-07-1	42.10	0.311	0.536	ND	ND		1	WG2054930
Styrene	100-42-5	104	0.263	1.12	ND	ND		1	WG2057332
1,1,2,2-Tetrachloroethane	79-34-5	168	0.248	1.70	ND	ND		1	WG2057332
Tetrachloroethylene	127-18-4	166	0.271	1.84	0.408	2.77		1	WG2057332
Tetrahydrofuran	109-99-9	72.10	0.245	0.722	ND	ND		1	WG2054930
Toluene	108-88-3	92.10	0.290	1.09	0.406	1.53		1	WG2057332
1,2,4-Trichlorobenzene	120-82-1	181	0.493	3.65	ND	ND		1	WG2057332

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.245	1.33	ND	ND		1	WG2054930
1,1,2-Trichloroethane	79-00-5	133	0.258	1.40	ND	ND		1	WG2057332
Trichloroethylene	79-01-6	131	0.227	1.22	ND	ND		1	WG2057332
1,2,4-Trimethylbenzene	95-63-6	120	0.255	1.25	ND	ND		1	WG2057332
1,3,5-Trimethylbenzene	108-67-8	120	0.260	1.28	ND	ND		1	WG2057332
2,2,4-Trimethylpentane	540-84-1	114.22	0.443	2.07	ND	ND		1	WG2054930
Vinyl chloride	75-01-4	62.50	0.316	0.808	ND	ND		1	WG2054930
Vinyl Bromide	593-60-2	106.95	0.284	1.24	ND	ND		1	WG2054930
Vinyl acetate	108-05-4	86.10	0.387	1.36	ND	ND		1	WG2054930
Xylenes, Total	1330-20-7	106.16	0.450	1.95	ND	ND		1	WG2057332
m&p-Xylene	1330-20-7	106	0.450	1.95	ND	ND		1	WG2057332
o-Xylene	95-47-6	106	0.276	1.20	ND	ND		1	WG2057332
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*104*				WG2054930
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*101*				WG2057332

Method Blank (MB)

(MB) R3921452-2 05/05/23 10:14

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.584	1.95
Allyl Chloride	U		0.114	0.380
Benzene	U		0.0715	0.238
Benzyl Chloride	U		0.0598	0.199
Bromodichloromethane	U		0.0702	0.234
Bromoform	U		0.0732	0.244
Bromomethane	U		0.0982	0.327
1,3-Butadiene	U		0.104	0.347
Carbon disulfide	U		0.102	0.340
Carbon tetrachloride	U		0.0732	0.244
Chlorobenzene	U		0.0832	0.277
Chloroethane	U		0.0996	0.332
Chloroform	U		0.0717	0.239
Chloromethane	U		0.103	0.343
2-Chlorotoluene	U		0.0828	0.276
Cyclohexane	U		0.0753	0.251
Dibromochloromethane	U		0.0727	0.242
1,2-Dibromoethane	U		0.0721	0.240
1,2-Dichlorobenzene	U		0.128	0.427
1,3-Dichlorobenzene	U		0.182	0.607
1,4-Dichlorobenzene	U		0.0557	0.186
1,2-Dichloroethane	U		0.0700	0.233
1,1-Dichloroethane	U		0.0723	0.241
1,1-Dichloroethene	U		0.0762	0.254
cis-1,2-Dichloroethene	U		0.0784	0.261
trans-1,2-Dichloroethene	U		0.0673	0.224
1,2-Dichloropropane	U		0.0760	0.253
cis-1,3-Dichloropropene	U		0.0689	0.230
trans-1,3-Dichloropropene	U		0.0728	0.243
1,4-Dioxane	U		0.0833	0.278
Ethanol	U		0.265	0.883
Ethylbenzene	U		0.0835	0.278
4-Ethyltoluene	U		0.0783	0.261
Trichlorofluoromethane	U		0.0819	0.273
Dichlorodifluoromethane	U		0.137	0.457
1,1,2-Trichlorotrifluoroethane	U		0.0793	0.264
1,2-Dichlorotetrafluoroethane	U		0.0890	0.297
Heptane	U		0.104	0.347
Hexachloro-1,3-butadiene	U		0.105	0.350
n-Hexane	U		0.206	0.687

Method Blank (MB)

(MB) R3921452-2 05/05/23 10:14

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Isopropylbenzene	U		0.0777	0.259
Methylene Chloride	U		0.0979	0.326
Methyl Butyl Ketone	U		0.133	0.443
2-Butanone (MEK)	U		0.0814	0.271
4-Methyl-2-pentanone (MIBK)	U		0.0765	0.255
Methyl Methacrylate	U		0.0876	0.292
MTBE	U		0.0647	0.216
Naphthalene	U		0.350	1.17
2-Propanol	U		0.264	0.880
Propene	U		0.0932	0.311
Styrene	U		0.0788	0.263
1,1,2,2-Tetrachloroethane	U		0.0743	0.248
Tetrachloroethylene	U		0.0814	0.271
Tetrahydrofuran	U		0.0734	0.245
Toluene	U		0.0870	0.290
1,2,4-Trichlorobenzene	U		0.148	0.493
1,1,1-Trichloroethane	U		0.0736	0.245
1,1,2-Trichloroethane	U		0.0775	0.258
Trichloroethylene	U		0.0680	0.227
1,2,4-Trimethylbenzene	U		0.0764	0.255
1,3,5-Trimethylbenzene	U		0.0779	0.260
2,2,4-Trimethylpentane	U		0.133	0.443
Vinyl chloride	U		0.0949	0.316
Vinyl Bromide	U		0.0852	0.284
Vinyl acetate	U		0.116	0.387
Xylenes, Total	U		0.135	0.450
m&p-Xylene	U		0.135	0.450
o-Xylene	U		0.0828	0.276
(S) 1,4-Bromofluorobenzene	*102*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3921452-1 05/05/23 09:35 • (LCSD) R3921452-3 05/05/23 10:55

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	3.75	3.14	3.17	83.7	84.5	70.0-130			0.951	25
Allyl Chloride	3.75	3.77	3.60	101	96.0	70.0-130			4.61	25
Benzene	3.75	3.86	3.82	103	102	70.0-130			1.04	25
Benzyl Chloride	3.75	3.73	3.69	99.5	98.4	70.0-152			1.08	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3921452-1 05/05/23 09:35 • (LCSD) R3921452-3 05/05/23 10:55

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromodichloromethane	3.75	3.79	3.82	101	102	70.0-130			0.788	25
Bromoform	3.75	3.87	3.85	103	103	70.0-130			0.518	25
Bromomethane	3.75	4.33	4.20	115	112	70.0-130			3.05	25
1,3-Butadiene	3.75	3.96	3.93	106	105	70.0-130			0.760	25
Carbon disulfide	3.75	3.70	3.72	98.7	99.2	70.0-130			0.539	25
Carbon tetrachloride	3.75	3.91	3.91	104	104	70.0-130			0.000	25
Chlorobenzene	3.75	3.94	3.84	105	102	70.0-130			2.57	25
Chloroethane	3.75	4.35	4.26	116	114	70.0-130			2.09	25
Chloroform	3.75	3.72	3.70	99.2	98.7	70.0-130			0.539	25
Chloromethane	3.75	3.43	3.42	91.5	91.2	70.0-130			0.292	25
2-Chlorotoluene	3.75	4.01	4.00	107	107	70.0-130			0.250	25
Cyclohexane	3.75	3.82	3.80	102	101	70.0-130			0.525	25
Dibromochloromethane	3.75	4.04	3.99	108	106	70.0-130			1.25	25
1,2-Dibromoethane	3.75	3.90	3.84	104	102	70.0-130			1.55	25
1,2-Dichlorobenzene	3.75	3.93	3.90	105	104	70.0-130			0.766	25
1,3-Dichlorobenzene	3.75	3.94	3.92	105	105	70.0-130			0.509	25
1,4-Dichlorobenzene	3.75	4.08	4.03	109	107	70.0-130			1.23	25
1,2-Dichloroethane	3.75	3.73	3.71	99.5	98.9	70.0-130			0.538	25
1,1-Dichloroethane	3.75	3.65	3.63	97.3	96.8	70.0-130			0.549	25
1,1-Dichloroethene	3.75	3.72	3.63	99.2	96.8	70.0-130			2.45	25
cis-1,2-Dichloroethene	3.75	3.60	3.65	96.0	97.3	70.0-130			1.38	25
trans-1,2-Dichloroethene	3.75	3.70	3.66	98.7	97.6	70.0-130			1.09	25
1,2-Dichloropropane	3.75	3.67	3.67	97.9	97.9	70.0-130			0.000	25
cis-1,3-Dichloropropene	3.75	3.74	3.69	99.7	98.4	70.0-130			1.35	25
trans-1,3-Dichloropropene	3.75	3.75	3.77	100	101	70.0-130			0.532	25
1,4-Dioxane	3.75	3.01	3.02	80.3	80.5	70.0-140			0.332	25
Ethanol	3.75	3.19	3.17	85.1	84.5	55.0-148			0.629	25
Ethylbenzene	3.75	3.70	3.68	98.7	98.1	70.0-130			0.542	25
4-Ethyltoluene	3.75	3.94	3.88	105	103	70.0-130			1.53	25
Trichlorofluoromethane	3.75	4.49	4.50	120	120	70.0-130			0.222	25
Dichlorodifluoromethane	3.75	3.59	3.21	95.7	85.6	64.0-139			11.2	25
1,1,2-Trichlorotrifluoroethane	3.75	3.80	3.84	101	102	70.0-130			1.05	25
1,2-Dichlorotetrafluoroethane	3.75	3.83	3.53	102	94.1	70.0-130			8.15	25
Heptane	3.75	3.76	3.70	100	98.7	70.0-130			1.61	25
Hexachloro-1,3-butadiene	3.75	3.91	3.95	104	105	70.0-151			1.02	25
n-Hexane	3.75	3.69	3.67	98.4	97.9	70.0-130			0.543	25
Isopropylbenzene	3.75	3.99	3.91	106	104	70.0-130			2.03	25
Methylene Chloride	3.75	3.42	3.50	91.2	93.3	70.0-130			2.31	25
Methyl Butyl Ketone	3.75	2.87	2.79	76.5	74.4	70.0-149			2.83	25
Methyl Ethyl Ketone	3.75	3.61	3.71	96.3	98.9	70.0-130			2.73	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3921452-1 05/05/23 09:35 • (LCSD) R3921452-3 05/05/23 10:55

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	3.75	2.99	2.97	79.7	79.2	70.0-139			0.671	25
Methyl Methacrylate	3.75	3.51	3.50	93.6	93.3	70.0-130			0.285	25
MTBE	3.75	3.64	3.62	97.1	96.5	70.0-130			0.551	25
Naphthalene	3.75	3.56	3.56	94.9	94.9	70.0-159			0.000	25
2-Propanol	3.75	3.28	3.26	87.5	86.9	70.0-139			0.612	25
Propene	3.75	3.27	3.23	87.2	86.1	64.0-144			1.23	25
Styrene	3.75	4.14	4.08	110	109	70.0-130			1.46	25
1,1,2,2-Tetrachloroethane	3.75	3.60	3.55	96.0	94.7	70.0-130			1.40	25
Tetrachloroethylene	3.75	4.00	3.99	107	106	70.0-130			0.250	25
Tetrahydrofuran	3.75	3.45	3.42	92.0	91.2	70.0-137			0.873	25
Toluene	3.75	3.95	3.91	105	104	70.0-130			1.02	25
1,2,4-Trichlorobenzene	3.75	3.56	3.64	94.9	97.1	70.0-160			2.22	25
1,1,1-Trichloroethane	3.75	3.85	3.83	103	102	70.0-130			0.521	25
1,1,2-Trichloroethane	3.75	3.82	3.77	102	101	70.0-130			1.32	25
Trichloroethylene	3.75	3.81	3.76	102	100	70.0-130			1.32	25
1,2,4-Trimethylbenzene	3.75	4.16	4.07	111	109	70.0-130			2.19	25
1,3,5-Trimethylbenzene	3.75	4.04	4.04	108	108	70.0-130			0.000	25
2,2,4-Trimethylpentane	3.75	3.72	3.71	99.2	98.9	70.0-130			0.269	25
Vinyl chloride	3.75	4.10	4.03	109	107	70.0-130			1.72	25
Vinyl Bromide	3.75	4.38	4.39	117	117	70.0-130			0.228	25
Vinyl acetate	3.75	3.41	3.41	90.9	90.9	70.0-130			0.000	25
Xylenes, Total	11.3	11.5	11.4	102	101	70.0-130			0.873	25
m&p-Xylene	7.50	7.74	7.67	103	102	70.0-130			0.908	25
o-Xylene	3.75	3.78	3.68	101	98.1	70.0-130			2.68	25
(S) 1,4-Bromofluorobenzene				*100*	*100*	*60.0-140*				

Method Blank (MB)

(MB) R3923461-3 05/10/23 10:15

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.584	1.95
Allyl Chloride	U		0.114	0.380
Benzene	U		0.0715	0.238
Benzyl Chloride	U		0.0598	0.199
Bromodichloromethane	U		0.0702	0.234
Bromoform	U		0.0732	0.244
Bromomethane	U		0.0982	0.327
1,3-Butadiene	U		0.104	0.347
Carbon disulfide	U		0.102	0.340
Carbon tetrachloride	U		0.0732	0.244
Chlorobenzene	U		0.0832	0.277
Chloroethane	U		0.0996	0.332
Chloroform	U		0.0717	0.239
Chloromethane	U		0.103	0.343
2-Chlorotoluene	U		0.0828	0.276
Cyclohexane	U		0.0753	0.251
Dibromochloromethane	U		0.0727	0.242
1,2-Dibromoethane	U		0.0721	0.240
1,2-Dichlorobenzene	U		0.128	0.427
1,3-Dichlorobenzene	U		0.182	0.607
1,4-Dichlorobenzene	U		0.0557	0.186
1,2-Dichloroethane	U		0.0700	0.233
1,1-Dichloroethane	U		0.0723	0.241
1,1-Dichloroethene	U		0.0762	0.254
cis-1,2-Dichloroethene	U		0.0784	0.261
trans-1,2-Dichloroethene	U		0.0673	0.224
1,2-Dichloropropane	U		0.0760	0.253
cis-1,3-Dichloropropene	U		0.0689	0.230
trans-1,3-Dichloropropene	U		0.0728	0.243
1,4-Dioxane	U		0.0833	0.278
Ethanol	U		0.265	0.883
Ethylbenzene	U		0.0835	0.278
4-Ethyltoluene	U		0.0783	0.261
Trichlorofluoromethane	U		0.0819	0.273
Dichlorodifluoromethane	U		0.137	0.457
1,1,2-Trichlorotrifluoroethane	U		0.0793	0.264
1,2-Dichlorotetrafluoroethane	U		0.0890	0.297
Heptane	U		0.104	0.347
Hexachloro-1,3-butadiene	U		0.105	0.350
n-Hexane	U		0.206	0.687

Method Blank (MB)

(MB) R3923461-3 05/10/23 10:15

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Isopropylbenzene	U		0.0777	0.259
Methylene Chloride	U		0.0979	0.326
Methyl Butyl Ketone	U		0.133	0.443
2-Butanone (MEK)	U		0.0814	0.271
4-Methyl-2-pentanone (MIBK)	U		0.0765	0.255
Methyl Methacrylate	U		0.0876	0.292
MTBE	U		0.0647	0.216
Naphthalene	U		0.350	1.17
2-Propanol	U		0.264	0.880
Propene	U		0.0932	0.311
Styrene	U		0.0788	0.263
1,1,2,2-Tetrachloroethane	U		0.0743	0.248
Tetrachloroethylene	U		0.0814	0.271
Tetrahydrofuran	U		0.0734	0.245
Toluene	U		0.0870	0.290
1,2,4-Trichlorobenzene	U		0.148	0.493
1,1,1-Trichloroethane	U		0.0736	0.245
1,1,2-Trichloroethane	U		0.0775	0.258
Trichloroethylene	U		0.0680	0.227
1,2,4-Trimethylbenzene	U		0.0764	0.255
1,3,5-Trimethylbenzene	U		0.0779	0.260
2,2,4-Trimethylpentane	U		0.133	0.443
Vinyl chloride	U		0.0949	0.316
Vinyl Bromide	U		0.0852	0.284
Vinyl acetate	U		0.116	0.387
Xylenes, Total	U		0.135	0.450
m&p-Xylene	U		0.135	0.450
o-Xylene	U		0.0828	0.276
(S) 1,4-Bromofluorobenzene	*103*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3923461-1 05/10/23 08:45 • (LCSD) R3923461-2 05/10/23 09:16

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	3.75	3.63	3.53	96.8	94.1	70.0-130			2.79	25
Allyl Chloride	3.75	3.53	3.56	94.1	94.9	70.0-130			0.846	25
Benzene	3.75	3.62	3.65	96.5	97.3	70.0-130			0.825	25
Benzyl Chloride	3.75	3.69	3.47	98.4	92.5	70.0-152			6.15	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3923461-1 05/10/23 08:45 • (LCSD) R3923461-2 05/10/23 09:16

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromodichloromethane	3.75	3.69	3.69	98.4	98.4	70.0-130			0.000	25
Bromoform	3.75	3.86	3.78	103	101	70.0-130			2.09	25
Bromomethane	3.75	4.06	4.04	108	108	70.0-130			0.494	25
1,3-Butadiene	3.75	3.69	3.70	98.4	98.7	70.0-130			0.271	25
Carbon disulfide	3.75	3.82	3.80	102	101	70.0-130			0.525	25
Carbon tetrachloride	3.75	3.65	3.67	97.3	97.9	70.0-130			0.546	25
Chlorobenzene	3.75	4.02	3.99	107	106	70.0-130			0.749	25
Chloroethane	3.75	3.82	3.80	102	101	70.0-130			0.525	25
Chloroform	3.75	3.66	3.68	97.6	98.1	70.0-130			0.545	25
Chloromethane	3.75	3.95	3.87	105	103	70.0-130			2.05	25
2-Chlorotoluene	3.75	3.98	3.84	106	102	70.0-130			3.58	25
Cyclohexane	3.75	3.60	3.65	96.0	97.3	70.0-130			1.38	25
Dibromochloromethane	3.75	3.93	3.79	105	101	70.0-130			3.63	25
1,2-Dibromoethane	3.75	3.96	3.94	106	105	70.0-130			0.506	25
1,2-Dichlorobenzene	3.75	4.23	4.14	113	110	70.0-130			2.15	25
1,3-Dichlorobenzene	3.75	4.20	4.09	112	109	70.0-130			2.65	25
1,4-Dichlorobenzene	3.75	4.17	4.02	111	107	70.0-130			3.66	25
1,2-Dichloroethane	3.75	3.79	3.72	101	99.2	70.0-130			1.86	25
1,1-Dichloroethane	3.75	3.76	3.78	100	101	70.0-130			0.531	25
1,1-Dichloroethene	3.75	3.82	3.81	102	102	70.0-130			0.262	25
cis-1,2-Dichloroethene	3.75	3.62	3.61	96.5	96.3	70.0-130			0.277	25
trans-1,2-Dichloroethene	3.75	3.80	3.83	101	102	70.0-130			0.786	25
1,2-Dichloropropane	3.75	3.66	3.62	97.6	96.5	70.0-130			1.10	25
cis-1,3-Dichloropropene	3.75	3.67	3.64	97.9	97.1	70.0-130			0.821	25
trans-1,3-Dichloropropene	3.75	3.73	3.63	99.5	96.8	70.0-130			2.72	25
1,4-Dioxane	3.75	4.40	4.17	117	111	70.0-140			5.37	25
Ethanol	3.75	3.53	3.25	94.1	86.7	55.0-148			8.26	25
Ethylbenzene	3.75	3.85	3.73	103	99.5	70.0-130			3.17	25
4-Ethyltoluene	3.75	4.19	4.03	112	107	70.0-130			3.89	25
Trichlorofluoromethane	3.75	3.93	3.99	105	106	70.0-130			1.52	25
Dichlorodifluoromethane	3.75	4.33	4.29	115	114	64.0-139			0.928	25
1,1,2-Trichlorotrifluoroethane	3.75	3.88	3.87	103	103	70.0-130			0.258	25
1,2-Dichlorotetrafluoroethane	3.75	4.07	4.08	109	109	70.0-130			0.245	25
Heptane	3.75	3.52	3.54	93.9	94.4	70.0-130			0.567	25
Hexachloro-1,3-butadiene	3.75	4.40	4.32	117	115	70.0-151			1.83	25
n-Hexane	3.75	3.59	3.55	95.7	94.7	70.0-130			1.12	25
Isopropylbenzene	3.75	4.06	3.93	108	105	70.0-130			3.25	25
Methylene Chloride	3.75	3.66	3.68	97.6	98.1	70.0-130			0.545	25
Methyl Butyl Ketone	3.75	4.49	4.27	120	114	70.0-149			5.02	25
Methyl Ethyl Ketone	3.75	3.93	3.74	105	99.7	70.0-130			4.95	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3923461-1 05/10/23 08:45 • (LCSD) R3923461-2 05/10/23 09:16

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	3.75	5.00	4.68	133	125	70.0-139			6.61	25
Methyl Methacrylate	3.75	3.85	3.67	103	97.9	70.0-130			4.79	25
MTBE	3.75	3.89	3.72	104	99.2	70.0-130			4.47	25
Naphthalene	3.75	4.35	4.26	116	114	70.0-159			2.09	25
2-Propanol	3.75	3.81	3.66	102	97.6	70.0-139			4.02	25
Propene	3.75	3.82	3.81	102	102	64.0-144			0.262	25
Styrene	3.75	3.94	3.86	105	103	70.0-130			2.05	25
1,1,2,2-Tetrachloroethane	3.75	4.01	3.90	107	104	70.0-130			2.78	25
Tetrachloroethylene	3.75	3.96	3.93	106	105	70.0-130			0.760	25
Tetrahydrofuran	3.75	3.70	3.49	98.7	93.1	70.0-137			5.84	25
Toluene	3.75	3.79	3.79	101	101	70.0-130			0.000	25
1,2,4-Trichlorobenzene	3.75	4.38	4.25	117	113	70.0-160			3.01	25
1,1,1-Trichloroethane	3.75	3.63	3.62	96.8	96.5	70.0-130			0.276	25
1,1,2-Trichloroethane	3.75	3.84	3.87	102	103	70.0-130			0.778	25
Trichloroethylene	3.75	3.76	3.78	100	101	70.0-130			0.531	25
1,2,4-Trimethylbenzene	3.75	4.19	4.08	112	109	70.0-130			2.66	25
1,3,5-Trimethylbenzene	3.75	4.16	4.02	111	107	70.0-130			3.42	25
2,2,4-Trimethylpentane	3.75	3.60	3.59	96.0	95.7	70.0-130			0.278	25
Vinyl chloride	3.75	3.98	3.99	106	106	70.0-130			0.251	25
Vinyl Bromide	3.75	3.91	3.89	104	104	70.0-130			0.513	25
Vinyl acetate	3.75	3.59	3.49	95.7	93.1	70.0-130			2.82	25
Xylenes, Total	11.3	11.9	11.5	105	102	70.0-130			3.42	25
m&p-Xylene	7.50	7.90	7.65	105	102	70.0-130			3.22	25
o-Xylene	3.75	3.95	3.85	105	103	70.0-130			2.56	25
(S) 1,4-Bromofluorobenzene				*103*	*101*	*60.0-140*				

Method Blank (MB)

(MB) R3923568-3 05/10/23 10:20

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.584	1.95
Allyl Chloride	U		0.114	0.380
Benzene	U		0.0715	0.238
Bromodichloromethane	U		0.0702	0.234
Bromomethane	U		0.0982	0.327
1,3-Butadiene	U		0.104	0.347
Carbon disulfide	U		0.102	0.340
Carbon tetrachloride	U		0.0732	0.244
Chlorobenzene	U		0.0832	0.277
Chloroethane	U		0.0996	0.332
Chloroform	U		0.0717	0.239
Chloromethane	U		0.103	0.343
Cyclohexane	U		0.0753	0.251
Dibromochloromethane	U		0.0727	0.242
1,2-Dibromoethane	U		0.0721	0.240
1,2-Dichloroethane	U		0.0700	0.233
1,1-Dichloroethane	U		0.0723	0.241
1,1-Dichloroethene	U		0.0762	0.254
cis-1,2-Dichloroethene	U		0.0784	0.261
trans-1,2-Dichloroethene	U		0.0673	0.224
1,2-Dichloropropane	U		0.0760	0.253
cis-1,3-Dichloropropene	U		0.0689	0.230
trans-1,3-Dichloropropene	U		0.0728	0.243
1,4-Dioxane	U		0.0833	0.278
Ethanol	0.334	J	0.265	0.883
Trichlorofluoromethane	U		0.0819	0.273
Dichlorodifluoromethane	U		0.137	0.457
1,1,2-Trichlorotrifluoroethane	U		0.0793	0.264
1,2-Dichlorotetrafluoroethane	U		0.0890	0.297
Heptane	U		0.104	0.347
n-Hexane	U		0.206	0.687
Methylene Chloride	U		0.0979	0.326
Methyl Butyl Ketone	U		0.133	0.443
2-Butanone (MEK)	U		0.0814	0.271
4-Methyl-2-pentanone (MIBK)	U		0.0765	0.255
Methyl Methacrylate	U		0.0876	0.292
MTBE	U		0.0647	0.216
2-Propanol	U		0.264	0.880
Propene	U		0.0932	0.311
Tetrachloroethylene	U		0.0814	0.271

Method Blank (MB)

(MB) R3923568-3 05/10/23 10:20

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Tetrahydrofuran	U		0.0734	0.245
Toluene	U		0.0870	0.290
1,1,1-Trichloroethane	U		0.0736	0.245
1,1,2-Trichloroethane	U		0.0775	0.258
Trichloroethylene	U		0.0680	0.227
2,2,4-Trimethylpentane	U		0.133	0.443
Vinyl chloride	U		0.0949	0.316
Vinyl Bromide	U		0.0852	0.284
Vinyl acetate	U		0.116	0.387
(S) 1,4-Bromofluorobenzene	*95.7*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3923568-1 05/10/23 08:53 • (LCSD) R3923568-2 05/10/23 09:37

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	3.75	3.44	3.46	91.7	92.3	70.0-130			0.580	25
Allyl Chloride	3.75	3.39	3.60	90.4	96.0	70.0-130			6.01	25
Benzene	3.75	4.01	4.01	107	107	70.0-130			0.000	25
Bromodichloromethane	3.75	4.00	4.06	107	108	70.0-130			1.49	25
Bromomethane	3.75	3.42	3.58	91.2	95.5	70.0-130			4.57	25
1,3-Butadiene	3.75	2.75	2.94	73.3	78.4	70.0-130			6.68	25
Carbon disulfide	3.75	3.51	3.60	93.6	96.0	70.0-130			2.53	25
Carbon tetrachloride	3.75	4.05	4.25	108	113	70.0-130			4.82	25
Chlorobenzene	3.75	4.29	4.33	114	115	70.0-130			0.928	25
Chloroethane	3.75	3.25	3.40	86.7	90.7	70.0-130			4.51	25
Chloroform	3.75	3.93	4.00	105	107	70.0-130			1.77	25
Chloromethane	3.75	3.14	3.32	83.7	88.5	70.0-130			5.57	25
Cyclohexane	3.75	3.79	3.89	101	104	70.0-130			2.60	25
Dibromochloromethane	3.75	4.19	4.21	112	112	70.0-130			0.476	25
1,2-Dibromoethane	3.75	4.03	4.05	107	108	70.0-130			0.495	25
1,2-Dichloroethane	3.75	3.92	3.96	105	106	70.0-130			1.02	25
1,1-Dichloroethane	3.75	3.70	3.84	98.7	102	70.0-130			3.71	25
1,1-Dichloroethene	3.75	3.74	3.82	99.7	102	70.0-130			2.12	25
cis-1,2-Dichloroethene	3.75	3.63	3.82	96.8	102	70.0-130			5.10	25
trans-1,2-Dichloroethene	3.75	3.64	3.88	97.1	103	70.0-130			6.38	25
1,2-Dichloropropane	3.75	3.70	3.78	98.7	101	70.0-130			2.14	25
cis-1,3-Dichloropropene	3.75	3.74	3.95	99.7	105	70.0-130			5.46	25
trans-1,3-Dichloropropene	3.75	3.78	3.84	101	102	70.0-130			1.57	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3923568-1 05/10/23 08:53 • (LCSD) R3923568-2 05/10/23 09:37

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,4-Dioxane	3.75	3.67	3.85	97.9	103	70.0-140			4.79	25
Ethanol	3.75	3.10	3.11	82.7	82.9	55.0-148			0.322	25
Trichlorofluoromethane	3.75	3.65	3.84	97.3	102	70.0-130			5.07	25
Dichlorodifluoromethane	3.75	3.69	3.85	98.4	103	64.0-139			4.24	25
1,1,2-Trichlorotrifluoroethane	3.75	3.98	4.08	106	109	70.0-130			2.48	25
1,2-Dichlorotetrafluoroethane	3.75	3.61	3.67	96.3	97.9	70.0-130			1.65	25
Heptane	3.75	3.81	3.77	102	101	70.0-130			1.06	25
n-Hexane	3.75	3.50	3.62	93.3	96.5	70.0-130			3.37	25
Methylene Chloride	3.75	3.38	3.48	90.1	92.8	70.0-130			2.92	25
Methyl Butyl Ketone	3.75	3.67	3.75	97.9	100	70.0-149			2.16	25
Methyl Ethyl Ketone	3.75	3.65	3.75	97.3	100	70.0-130			2.70	25
4-Methyl-2-pentanone (MIBK)	3.75	3.51	3.56	93.6	94.9	70.0-139			1.41	25
Methyl Methacrylate	3.75	3.34	3.43	89.1	91.5	70.0-130			2.66	25
MTBE	3.75	3.61	3.79	96.3	101	70.0-130			4.86	25
2-Propanol	3.75	3.29	3.43	87.7	91.5	70.0-139			4.17	25
Propene	3.75	3.19	3.20	85.1	85.3	64.0-144			0.313	25
Tetrachloroethylene	3.75	4.17	4.28	111	114	70.0-130			2.60	25
Tetrahydrofuran	3.75	3.19	3.29	85.1	87.7	70.0-137			3.09	25
Toluene	3.75	3.89	3.99	104	106	70.0-130			2.54	25
1,1,1-Trichloroethane	3.75	3.96	4.16	106	111	70.0-130			4.93	25
1,1,2-Trichloroethane	3.75	4.05	4.10	108	109	70.0-130			1.23	25
Trichloroethylene	3.75	3.97	3.99	106	106	70.0-130			0.503	25
2,2,4-Trimethylpentane	3.75	3.70	3.80	98.7	101	70.0-130			2.67	25
Vinyl chloride	3.75	3.38	3.56	90.1	94.9	70.0-130			5.19	25
Vinyl Bromide	3.75	3.75	3.82	100	102	70.0-130			1.85	25
Vinyl acetate	3.75	3.23	3.50	86.1	93.3	70.0-130			8.02	25
(S) 1,4-Bromofluorobenzene				*98.1*	*99.7*	*60.0-140*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Sand County Environmental

PO Box 218
Amherst, WI 54406

Billing Information:
Pete Arnsten
PO Box 218
Amherst, WI 54406

Report To:
Pete Arnsten

Email To:
pete.arnsten@sandcountyenv.com;ken.ebbott@sandcountyenv.com

Project Description: **Dun-Rite**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **715-824-5169**

Client Project #

Lab Project #
SANDCOPWI-DUNRITE

Collected by (print): Pete Arntsen

Site/Facility ID #

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)
___ Same Day ___ Three Day
___ Next Day ___ Five Day
___ Two Day

Date Results Needed: Normal

Analysis: TO-15 Summa

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE
MT JULIET, TN
12065 Lebanon Road Mt Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1009359
H113

Table

Acctnum: **SANDCOPWI**
Template: **T227716**
Prelogin: **P991355**
PM: 3828 - Jennifer A McCurdy
PB: SW 4/11/23

Shipped Via: **FedEx Ground**

Sample ID	Can #	Flow Cont. #	Collection Date	Collection Time	Canister Pressure/Vacuum Initial	Canister Pressure/Vacuum Final	TO-15 Summa	Rem./Contaminant	Sample # (lab only)
SSV101	010611	009377	4/17/23	11:34	-28	-1	X		-01
SSV203	008575	006495	4/17	11:~~22~~	-29	-2	X		-02
SSVV06	010616	009599	4/17	10:~~16~~	-27	-1	X		-03
SSV405	021981	023078	"	10:37	-27	-1	X		-04
Blower Exhaust	006523	011518	"	11:44	-29	-1	X		-05
AA405 (Outside)	011991	006497	"	~~10:20~~	-28.5	Ø	X		-06
AA408 (Attorney)	012277	010600	"	4:05	-27.5	Ø	X		-07
AA407 (wildcard)	009204	008695	"	4:30	-28	-4.5	X		-08
AA407 (Lotty)	023210	022603	"	4:35	-28	-3.5	X		-09

Remarks: Check flow controller 009599 and 006497, they went fast.

Relinquished by: (Signature) Date: 4/21/23 Time: 4:45

Relinquished by : (Signature) Date: Time:

Relinquished by : (Signature) Date: Time:

Samples returned via: __ UPS __ FedEx __ Courier _____

Received by: (Signature)

Received by: (Signature) Date: 4/26/23 Time: 0900

Received for lab by: (Signature) Date: Time:

Sample Receipt Checklist
COC Seal Present/Intact: Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Pres.Correct/Check: Y N

COC Seal Intact: ___Y ___N ___NA

NCF:

Dun-Rite Cleaners Vapor Sampling Field Data Form Sampler Name: Pete Lantzen Sample Date: 4/17/2023

4609359

		Cannister #	Flow Controller #	PID (i.u.)	Start Time	Start Pressure (in. Hg)	End Time	End Pressure (in. Hg)	Pressure Checks (Time and Pressure)		
Sub-Slab Locations											
SSV101	Dun-Rite near south wall	010611	009377	0.1	11:28	-28	11:38	-1	ok		
SSV202	Dun-Rite near north wall	—	—	—	—	—	—	—	—	—	—
SSV203	Dun-Rite upfront north wall Office	008575	006495	0.1	11:14	-29	11:22	-2	good		
SSV304	Residence	—	—	—	—	—	—	—	—	—	—
SSV405	Attorney	021881	023078	1.6	10:30	-27	10:37	-1	good		
SSV406	WildCard	010616	004599	0.6	10:12	-27	10:16	-1	Dropped fast		
Ambient Air Locations									10:20		
AA201	Dun-Rite upfront south	—	—	—	—	—	—	—	—	—	—
AA202	Dun-Rite north wall	—	—	—	—	—	—	—	—	—	—
AA203	Dun-Rite outside along north wall	—	—	—	—	—	—	—	—	—	—
AA304	Residence	—	—	—	—	—	—	—	—	—	—
AA405	Guzman outside	011991	006497	0.0	8:59	-28.5	10:20	0	-11	0	0
AA406	United Way Conference Room	023210	022603	0.0	8:54	-28	4:35	-3.5	-26		-5
AA407	WildCard	009204	008695	0.0	8:46	-28	4:30	-4.5	-24	-23	-5
AA408	Attorney	012277	010600	0.0	8:51	-27.5	4:05	0	~~-27~~	-19	0
Blower Station											
Exhaust		006523	011518	0.0	11:36	-29	11:44	-1	good		
Carbon Cannister #1											
Carbon Cannister #2											