



December 15, 2017

Reference No. 11139422

Keith Kost, City Administrator
City of Rhinelander
135 S. Stevens St
Rhinelander, WI 54501

Dear Mr. Kost:

**Re: Site Investigation Results and Final Closure Request
Former Kabel Auto
Rhinelander, WI**

GHD Services Inc. (GHD) submits this letter, which summarizes investigative work completed at the above-referenced site, and ends with a request for final site closure which may be used for later presentation to the Wisconsin Department of Natural Resources (WDNR).

1. Background

The Kabel Auto property is a former automobile sales and services dealer located at 28 S Stevens Street in Rhinelander (See Figure 1). GHD conducted a comprehensive Phase I Environmental Site assessment of the property in July of 2017, and noted the following findings:

- The adjacent Lindey Cleaners property has impacted the Kabel Auto property with petroleum- and dry cleaner-related compounds.
- The historical use of the Kabel Auto property as an auto repair and maintenance facility, including underground petroleum storage tanks, may have impacted soil and groundwater.
- Adjoining properties have also had documented underground petroleum storage tanks, yet are not known to have been investigated, and which may have impacted the Kabel property.

In 2017, this property was acquired by the City of Rhinelander under the condemnation clause of Chapter 32, Wis. Stats. This method of purchase allows the City to use the Local Government Environmental Liability Exemption as provided under Wis. Stat. 202.11(9)(e). Under the liability exemption, the City is not required to perform remedial activities (except in the case of a substantial and imminent threat), nor is the City required to seek final closure.

However, two factors have influenced the City's decision to go forward and seek final closure

- 1) The local government liability exemption is non-transferrable, and if the City did ever choose to sell the property and return it to the tax rolls, a potential purchaser might be discouraged by it being an "open" case in the WDNR system.
- 2) Results from the site investigation (as presented below in this letter) indicate the site has very minimal environmental contamination, and that it will likely be eligible for direct closure with very little additional effort by the City to achieve final closure.



In late 2016, the City applied for a Site Assessment Grant from the Wisconsin Economic Development Corporation (WEDC) to conduct blight elimination (demolition), asbestos removal, and a site investigation of soil, groundwater, and soil gas. All the above work was completed in the summer and fall of 2017.

We note that the adjacent site, the Former Lindey Cleaners property (BRRTS ID 02-44-562823) is an open site, having been investigated in 2014 and yielding low-level dry cleaner- and petroleum-related organic compounds in soil and groundwater. The investigation for the Lindey Cleaners site was comprehensive, and involved off-site testing and discoveries of contamination on the down gradient Kabel Auto property. Thus, pertinent information and results from the Lindey Cleaners investigation are incorporated into the findings and conclusions for the Kabel Auto site.

2. Scope of Work

The scope of work (SOW) for the Former Kabel Auto included the following, all of which was completed in 2017:

- Implementation of a site specific Health and Safety Plan (HASP)
- Installed 13 geoprobe borings, collecting a total of 22 soil and 11 groundwater samples
- Collected soil gas samples from five of the geoprobe borings
- Submitted all samples to WDNR-certified Lab Pace Analytical for analysis for Volatile Organic Compounds
- Prepared a summary letter/report on the work performed the results (this letter)

3. Results

This section pulls findings and results from the 2014 Lindey Cleaners Site Investigation, 2016 utility work on the Kabel Property which encountered an underground storage tank, results from the 2017 Kabel Auto Phase I ESA, and of course from the 2017 Kabel Auto site Investigation.

3.1 Underground and Aboveground Storage Tanks

Historically, one 500-gallon UST was listed as closed and removed in 1974, reportedly from the front (east side) of the building.

Another UST was discovered during utility work on the east side of the Kabel Building in 2016. No odors, staining or free product were identified during closure activities and a soil sample collected from below the UST had no detectable concentrations of petroleum-based volatile organic compounds.

No other evidence of UST's were identified during the Phase I ESA or the demolition activities. The demolition activities in particular were quite invasive, with test pits constructed at various locations checking for UST or piping not otherwise recorded: nothing was found.



Thus, according to site personnel, available records, and the work completed during the demolition and site investigation, there are no Underground Storage Tanks (UST) remaining on the Kabel property. No aboveground storage tanks are known to have been present on the property, except a heating oil tank in the basement, which was removed during demolition with no indications of leakage.

3.2 Drilling Activities

Geoprobe soil drilling was completed on October 9 and 10, 2017. Figure 2 shows the location of the borings completed. Selected figures extracted from the 2014 Lindey Cleaners Investigation are provided in Attachment A. Lab Data Tables for air, soil and groundwater are in Attachment B. Drill logs are in Attachment C, and lab data sheets are in Attachment D.

Groundwater occurs at 12 – 14 feet below grade. Based on Lindey Cleaners data, which included surveyed monitoring wells, the water table here slopes to the northeast. Soil samples in the Kabel investigation were sometimes collected at a midpoint in the borings (i.e. 6 to 8 feet), and always at the water table interface. Groundwater samples were collected at 13 to 14 feet below grade at the top of the water table. Soil vapor samples were collected at roughly 8-feet below grade.

3.3 Soil Vapor Results

Detection of VOCs were noted in all five soil vapor sample results. Yet none of the results exceed – or even approach – their respective Screening Levels. Table 1 has the soil gas results (detections only).

3.4 Soil Results

Of the 22 soils samples collected and analyzed for the full suite of Volatile organic Compounds (VOCs), all 22 soil samples returned a non-detect for all compounds analyzed, the lone exception being a j-flagged detection of Acetone in GP-10, at a concentration well below any standard. Acetone is a common lab contaminant. Table 2 has the soil results (detections only).

3.5 Groundwater Results

Of the 11 groundwater samples collected, all 11 had detections of one or more VOCs. However, the detections can be characterized as very low-level detections:

- The majority of the detections were at or below the method detection level (j-flagged results). All 11 borings had one or more compound that exceeded its respective NR 140 Preventative Action Level (PAL):
 - PAL exceedances were noted for total trimethylbenzenes (3 samples), chloromethane (7 samples), methylene chloride (5 samples), naphthalene (2 samples), and tetrachloroethylene (5 samples). Many of these PAL exceedances are j-flagged data.
 - Only 2 borings yielded NR 140 Enforcement Standard (ES) exceedances:
 - GP-10 and GP-12 both yielded modest ES exceedances, both for total trimethylbenzenes only. Both borings are along the north (downgradient) side of the property, and both are



constrained from further downgradient exceedances by borings further downgradient (GP-7, -8 and -9) which were all non-detect for total trimethylbenzenes.

- Lindey Cleaners has been well-documented as having used a combination of chlorinated solvent-based and petroleum-based substances in his dry cleaning operations over the period 1922 to 2010. The primary source area on the Lindey Cleaners is the northwest corner of the property groundwater (Lindey Boring B-100). In that Lindey source area, total TMBs are >8,800 µg/l, and decrease sharply over the 50 feet to Kabel detections which have a maximum of 804 µg/l total TMBs).
- Table 3 has the groundwater results (detections only).

4. Conclusions

Based on the data from the Lindey Cleaners investigation, the Kabel Auto Phase I and Site Investigation, and on information from the City's utility work, we conclude:

- The combined level of investigative work on these adjacent sites is more than adequate to draw meaningful conclusions.
- There is no evidence of soil (22 samples) or soil gas (five samples) results on the Kabel Auto property indicating an exceedance of any regulatory threshold.
- The presence of trimethylbenzenes (two ES exceedances) and tetrachloroethylene (zero ES exceedances) in groundwater on the Kabel Auto property are reasonably attributed to migration of these substances from the upgradient Lindey Cleaners property.

Based on these data, the Kabel Auto site is not identified as a source of environmental contamination, and is proposed to be submitted for final site closure.

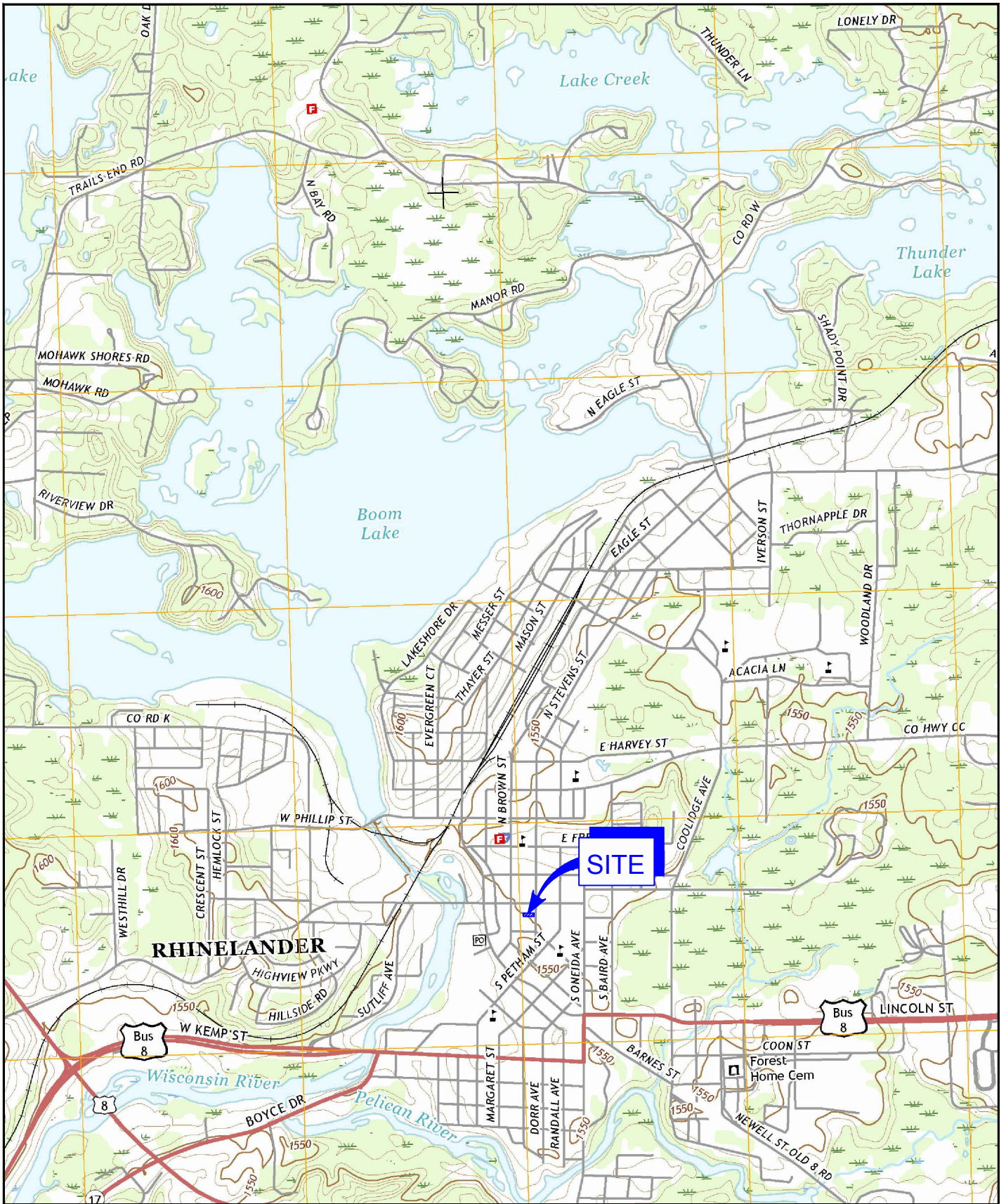
Your call or email with questions on this will receive my prompt response: 715-360-1827.

GHD

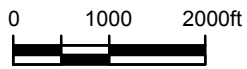
Ryan Aamot

RA/sb/1

Christopher Rog



Source: USGS QUADRANGLE MAP: RHINELANDER, WI., 2015.



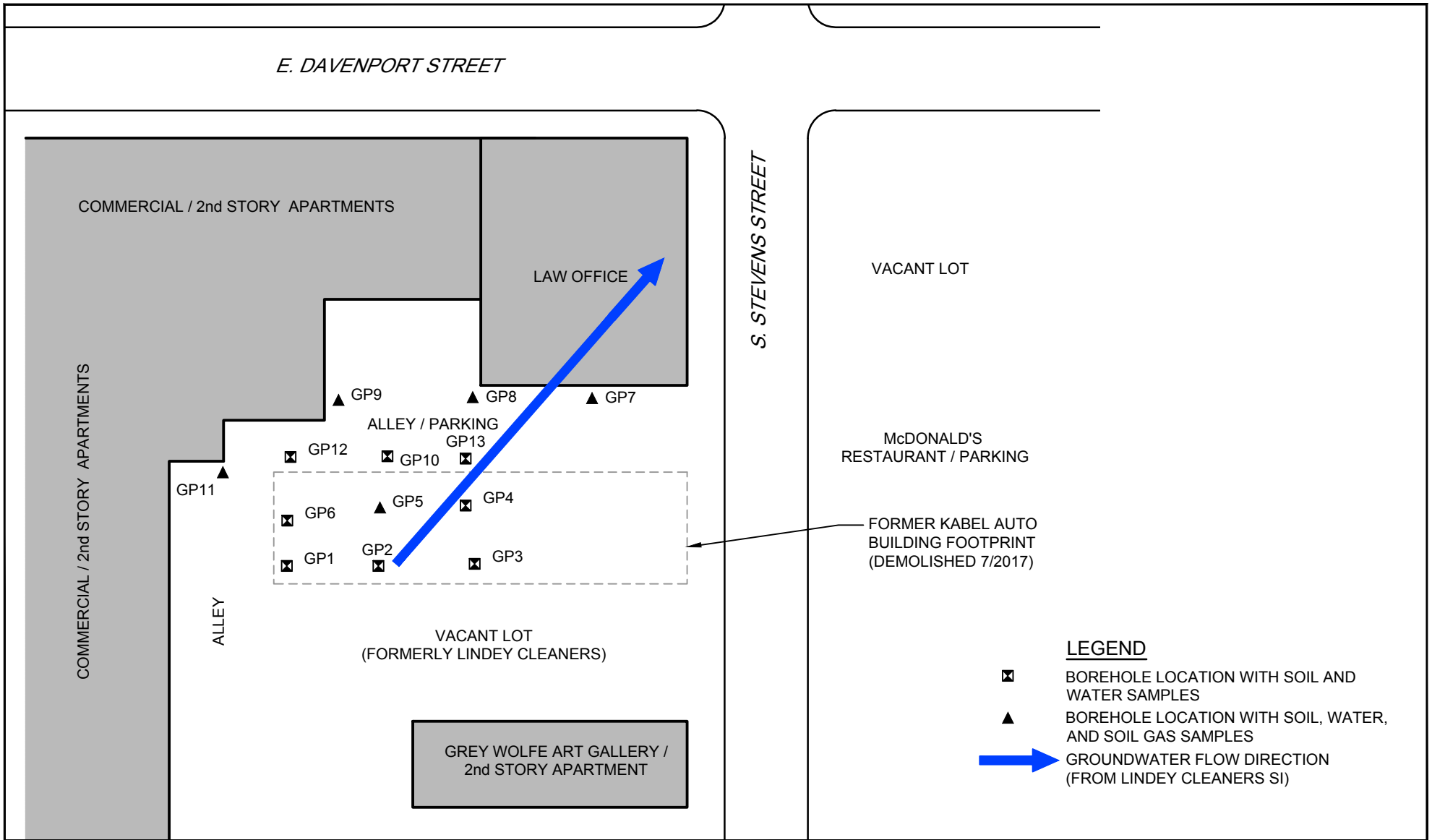
FORMER KABEL AUTO
 28 SOUTH STEVENS STREET
 RHINELANDER, WISCONSIN

11139422-00

Jun 12, 2017

SITE LOCATION MAP

FIGURE 1



FORMER KABEL AUTO
28 SOUTH STEVENS STREET
RHINELANDER, WISCONSIN

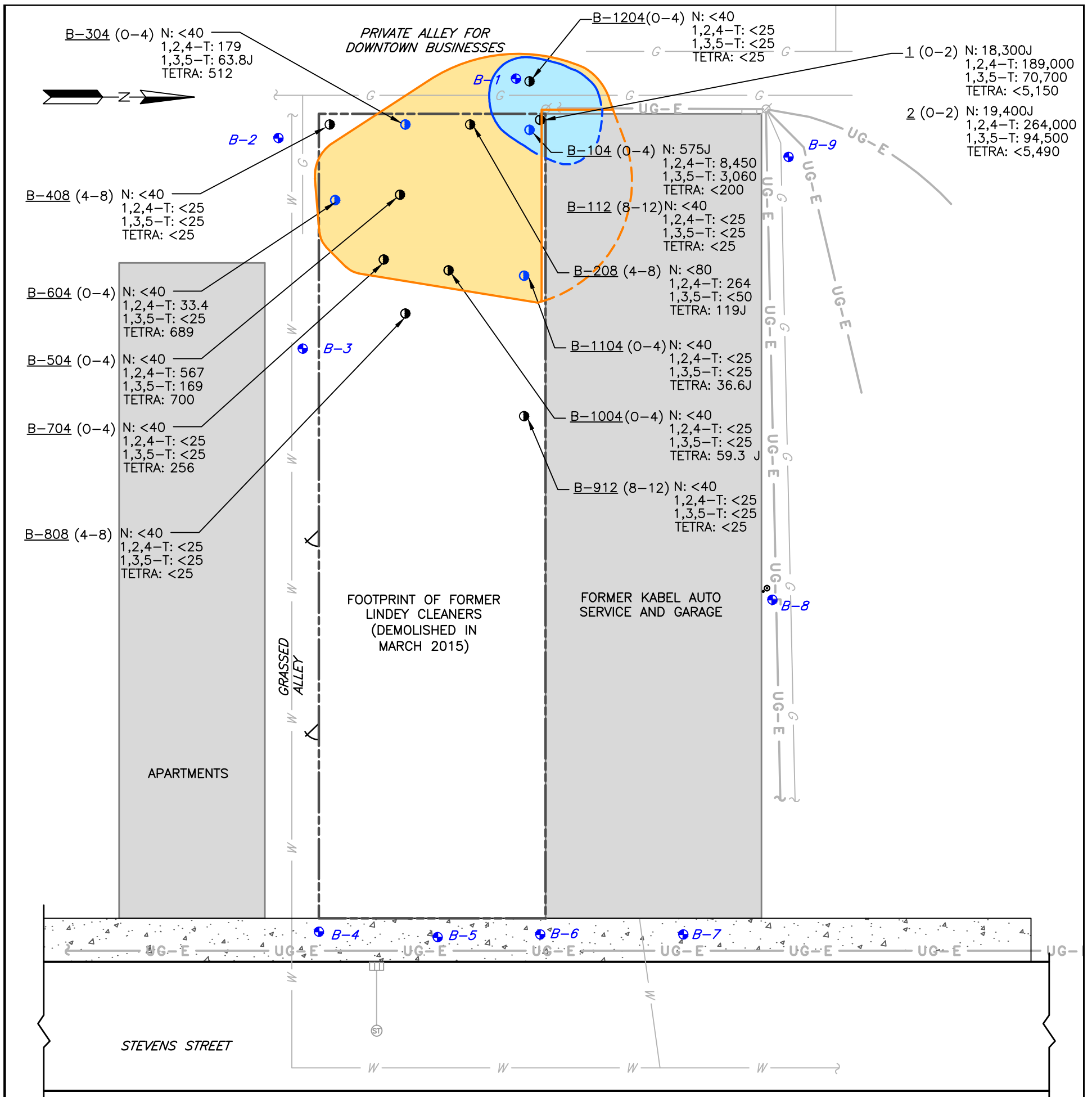
BOREHOLE LOCATIONS

11139422-00
Dec 5, 2017

FIGURE 2

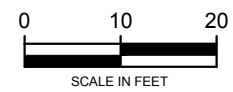
Attachment A

Lindey Cleaners Figures



LEGEND

- EXISTING BUILDING
 - FORMER LINDEY'S PROPERTY LINE
 - UNDERGROUND ELECTRIC
 - GAS LINE
 - WATER LINE
 - CATCH BASIN
 - STORM SEWER MANHOLE
 - UTILITY POLE
 - CONCRETE SIDEWALK
 - SOIL BORING CONVERTED TO 1" MONITORING WELL
 - SOIL BORING LOCATION (APRIL 9, 2015)
 - ESTIMATED EXTENT FOR SOILS EXCEEDING DIRECT CONTACT RCL
 - ESTIMATED EXTENT OF SOILS EXCEEDING GROUNDWATER PATHWAY RCL (RESIDUAL CONTAMINANT LEVEL)
- ABBREVIATIONS USED**
- N=NAPHTHALENE
 1,2,4-TRIMETHYLEBENZENE
 1,3,5-TRIMETHYLEBENZENE
 TETRA=TETRACHLOROETHENE
 ALL IN (µg/kg) MICROGRAMS PER KILOGRAM
- J=RESULTS BETWEEN THE LIMIT OF DETECTION AND THE LIMIT OF QUANTITATION

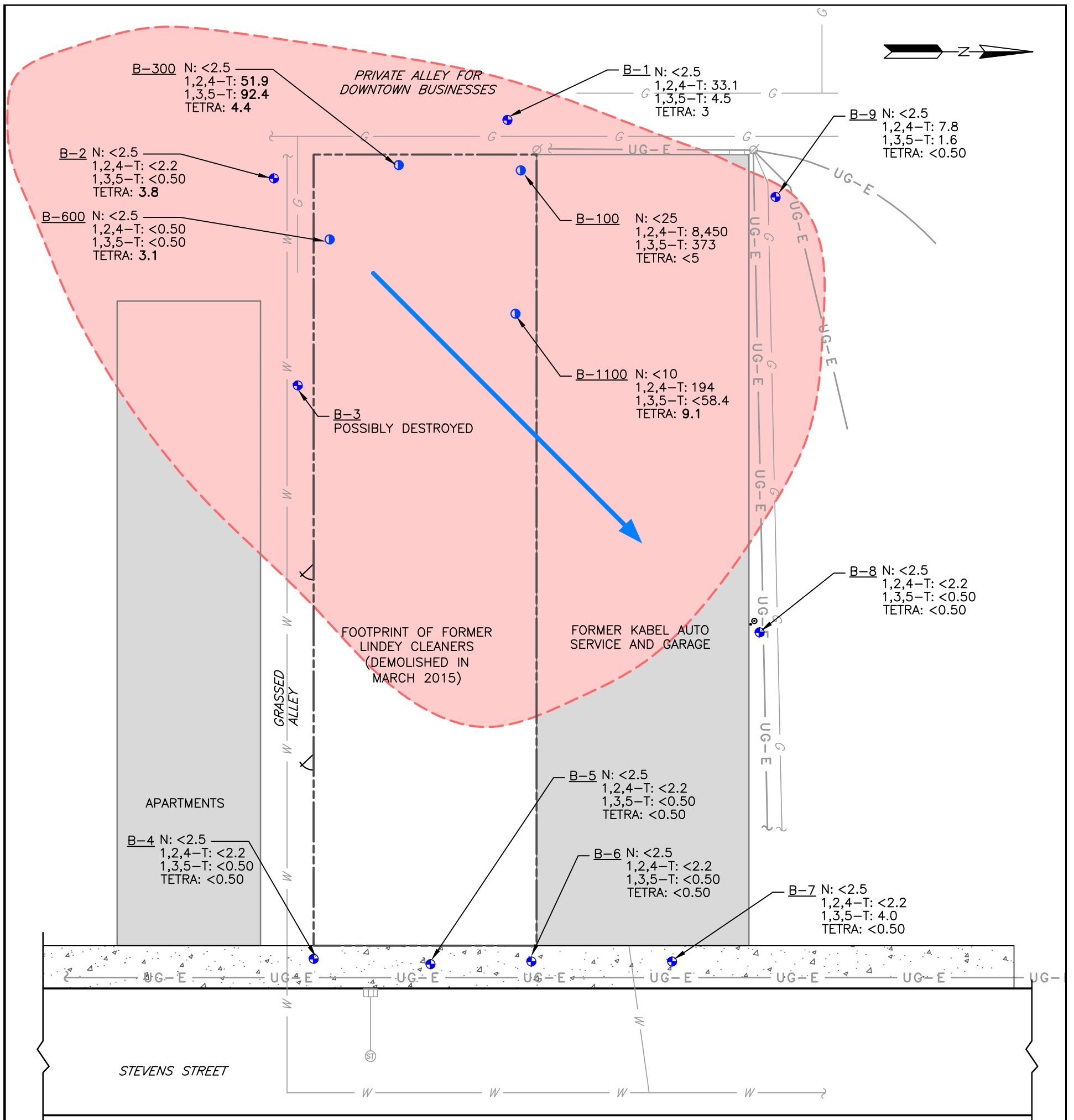


**APRIL 2015
SOIL RESULTS**

FORMER LINDEY CLEANERS
34 SOUTH STEVENS STREET
RHINELANDER, WI

DATE: MAY 2015	DRAWN BY: KAP
SCALE: 1"=20'	APPROVED BY: CJR
FIGURE 3	

Taken from Sand Creek Consultants report dated May 2015



LEGEND

- EXISTING BUILDING
 - FORMER LINDEY'S PROPERTY LINE
 - UNDERGROUND ELECTRIC
 - GAS LINE
 - WATER LINE
 - CATCH BASIN
 - STORM SEWER MANHOLE
 - UTILITY POLE
 - CONCRETE SIDEWALK
 - SOIL BORING CONVERTED TO 1" MONITORING WELL
 - SOIL BORING WITH WATER SAMPLE COLLECTED (APRIL 9, 2015)
 - ESTIMATED FLOW DIRECTION BASED ON 05/05/15 GROUNDWATER ELEVATIONS
 - EXTENT OF PAL EXCEEDENCES FOR TETRACHLORETHYLENE (APPROXIMATE)
- ABBREVIATIONS USED**
 N=NAPHTHALENE
 1,2,4-TRIMETHYLEBENZENE
 1,3,5-TRIMETHYLEBENZENE
 TETRA=TETRACHLORETHENE
 ALL IN (µg/l) MICROGRAMS PER LITER
- BOLD=EXCEEDS ENFORCEMENT STANDARDS**



**APRIL 2015
GROUNDWATER
RESULTS**

FORMER LINDEY CLEANERS
34 SOUTH STEVENS STREET
RHINELANDER, WI

DATE: MAY 2015	DRAWN BY: KAP
SCALE: 1"=20'	APPROVED BY: CJR
FIGURE 4	

Taken from Sand Creek Consultants report dated May 2015

Attachment B

Lab Data Tables

**Attachment B
Table 1**

**Soil Gas Detects
October 2017
Former Kabel Auto
Rhineland, Wisconsin**

Location	Sample Number	WES* Date	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	2-Butanone (Methyl ethyl ketone) (MEK)	2-Hexanone	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	Acetone	Benzene	Bromomethane (Methyl bromide)	Carbon disulfide	Carbon tetrachloride	Chloroform (Trichloromethane)	Chloromethane (Methyl chloride)	Cyclohexane	Dichlorodifluoromethane (CFC-12)	Ethanol
			ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
			130,000	210	--	--	--	--	160	--	--	100	37	6,300	--	2,900	--
GP5	G-171010-RA-01	10/10/2017	7.9	2.6 J	49.1	--	8.8 J	738	2.0	--	50.5	--	2.0	--	5.8	327	1760 J
GP7	G-171010-RA-03	10/10/2017	--	1.5 J	5.9	--	--	105	2.4	--	--	0.70 J	--	--	10.3	52.3	25.9
GP8	G-171010-RA-04	10/10/2017	--	2.9 J	42.8	7.8 J	10.8 J	105	3.6	--	8.2	--	--	--	--	27.5	37.3
GP9	G-171010-RA-05	10/10/2017	--	2.9 J	28.9	--	18.1	77.9	4.8	1.8 J	9.3	--	--	7.0	1.5 J	516	43.1
GP11	G-171010-RA-02	10/10/2017	13.6	2.2	18.1	--	4.2 J	72.0	4.3	--	4.0	--	1.6	1.4	1.2 J	162	93.6

**Attachment B
Table 1**

**Soil Gas Detects
October 2017
Former Kabel Auto
Rhineland, Wisconsin**

Location	Sample Number	WES* Date	Ethylbenzene	Hexane	Isopropyl alcohol	m&p-Xylenes	Methylene chloride	N-Heptane	o-Xylene	Propylene (propene)	Styrene	Tetrachloroethene	Tetrahydrofuran	Toluene	Trichloroethene	Trichlorofluoromethane (CFC-11)	Trifluorotrchloroethane (CFC-113)	Vinyl acetate
			ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
			370	--	--	3,300	25,000	--	3,300	--	--	900	--	190,000	53	--	--	--
GP5	G-171010-RA-01	10/10/2017	2.8 J	27.2	--	7.8	292	--	2.5 J	22.5	2.4 J	215	1.1 J	39.7	1.2 J	246	34.0	8.6
GP7	G-171010-RA-03	10/10/2017	1.3 J	56.6	14.5	4.8	1010	3.6	1.7	6.5	--	--	--	41.7	--	2.8	--	--
GP8	G-171010-RA-04	10/10/2017	3.1	9.8	11.5	11.0	64.5	--	4.0	55.8	--	3.5	--	18.4	--	11.1	2.7 J	6.5
GP9	G-171010-RA-05	10/10/2017	4.3	5.6	12.4	15.0	50.5	--	5.0	6.9	--	8.9	--	21.6	1.3 J	12.0	17.1	3.4
GP11	G-171010-RA-02	10/10/2017	2.1	4.6	10.9	7.3	22.1	4.0	3.0	63.1	--	2.5	1.3	13.3	--	6.7	37.6	2.7

Note:

- J - Estimated concentration
- * - Parameters entered into EPA's VISL calculator

**Attachment B
Table 2**

**Soil Detects
October 2017
Former Kabel Auto
Rhineland, Wisconsin**

				Acetone ug/kg	Percent moisture %
GP1	S-171009-RF-01	10/9/2017	(8-) ft	--	5.0
GP1	S-171009-RF-02	10/9/2017	(12-) ft	--	3.8
GP10	S-171010-RF-16	10/10/2017	(8-) ft	--	3.1
GP10	S-171010-RF-17	10/10/2017	(14-) ft	18.4 J	2.8
GP11	S-171010-RF-18	10/10/2017	(8-) ft	--	4.7
GP11	S-171010-RF-19	10/10/2017	(13.5-) ft	--	2.3
GP12	S-171010-RF-20	10/10/2017	(13.5-) ft	--	5.1
GP13	S-171010-RF-21	10/10/2017	(6-) ft	--	6.0
GP13	S-171010-RF-22	10/10/2017	(14-) ft	--	6.0
GP14	S-171009-RF-04	10/9/2017	(14-) ft	--	4.7
GP3	S-171009-RF-06	10/9/2017	(3-) ft	--	7.2
GP4	S-171009-RF-05	10/9/2017	(8-) ft	--	5.3
GP5	S-171009-RF-08	10/9/2017	(14-) ft	--	4.5
GP6	S-171009-RF-03	10/9/2017	(6-) ft	--	6.3
GP6	S-171009-RF-07	10/9/2017	(6-) ft	--	8.2
GP6	S-171009-RF-09	10/9/2017	(0-4) ft	--	4.9
GP7	S-171010-RF-10	10/10/2017	(6-) ft	--	3.6
GP7	S-171010-RF-11	10/10/2017	(13-) ft	--	5.2
GP8	S-171010-RF-12	10/10/2017	(6-) ft	--	4.4
GP8	S-171010-RF-13	10/10/2017	(13-) ft	--	5.4
GP9	S-171010-RF-14	10/10/2017	(8-) ft	--	4.3
GP9	S-171010-RF-15	10/10/2017	(13-) ft	--	4.9

Note:

J - Estimated concentration

**Attachment B
Table 3**

**Groundwater Detects
October 2017
Former Kabel Auto
Rhineland, Wisconsin**

Location	Sample Number	WES Date	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (Methyl ethyl ketone) (MEK)	2-Phenylbutane (sec-Butylbenzene)	Acetone	Chloromethane (Methyl chloride)	Cymene (p-Isopropyltoluene)	Ethylbenzene	Isopropyl benzene	Methylene chloride
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			480*		4,000	--	9,000	30	--	700	--	5
GP1	W-171009-RF-01	10/9/2017	--	--	--	0.75 J	11.1 J	--	0.65 J	0.14 J	--	--
GP2	W-171009-RF-02	10/9/2017	--	--	--	--	9.1 J	--	--	--	--	--
GP4	W-171009-RF-03	10/9/2017	2.7	5.6	--	--	11.1 J	--	2.3	0.31 J	--	--
GP5	W-171009-RF-04	10/9/2017	--	--	--	--	--	--	0.63 J	--	--	--
GP7	W-171010-RF-06	10/10/2017	--	--	--	--	--	4.4 J	--	--	--	--
GP8	W-171010-RF-07	10/10/2017	--	--	--	--	--	9.8 J	--	--	--	1.4 J
GP9	W-171010-RF-08	10/10/2017	--	--	--	1.1	11.6 J	7.2 J	0.51 J	--	--	1.8 J
GP10	W-171010-RF-09	10/10/2017	425 J	168 J	10.4 J	31.1 J	--	4.7 J	85.9 J	2.9 J	9.1 J	1.5 J
GP11	W-171010-RF-10	10/10/2017	--	--	--	--	--	7.2 J	--	--	--	1.2 J
GP12	W-171010-RF-11	10/10/2017	379	118	--	40.2	12.4 J	6.5 J	43.7	2.5	17.5	1.5 J
GP13	W-171010-RF-12	10/10/2017	159	48.9	--	5.4	--	2.9 J	17.8	1.0	1.7	--

**Attachment B
Table 3**

**Groundwater Detects
October 2017
Former Kabel Auto
Rhineland, Wisconsin**

Location	Sample Number	WES Date	Naphthalene	N-Butylbenzene	N-Propylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	Trichloroethene	Xylenes (total)
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
			100	--	--	--	5	800	5	2,000
GP1	W-171009-RF-01	10/9/2017	--	--	--	--	2.7	--	--	--
GP2	W-171009-RF-02	10/9/2017	--	--	--	--	1.5	--	0.28 J	--
GP4	W-171009-RF-03	10/9/2017	0.80 J	--	0.24 J	0.43 J	0.52 J	--	0.39 J	--
GP5	W-171009-RF-04	10/9/2017	--	--	--	--	1.1	--	0.28 J	--
GP7	W-171010-RF-06	10/10/2017	--	--	--	--	--	--	--	--
GP8	W-171010-RF-07	10/10/2017	--	--	--	--	--	--	--	--
GP9	W-171010-RF-08	10/10/2017	--	--	--	0.21 J	--	0.25 J	--	--
GP10	W-171010-RF-09	10/10/2017	35.9 J	--	27.3 J	--	0.60 J	0.90 J	--	9.5 J
GP11	W-171010-RF-10	10/10/2017	--	--	--	--	--	0.21 J	--	--
GP12	W-171010-RF-11	10/10/2017	34.4	16.1	40.6	7.8	--	0.38 J	--	--
GP13	W-171010-RF-12	10/10/2017	13.8	--	5.1	1.7	--	0.38 J	--	--

Note:

J - Estimated concentration

█ Exceeds Wisconsin Enforcement Standards

* - The Enforcement Standard is based on the sum of
1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene

Attachment C

Drill Logs



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Former Kabel Auto
 PROJECT NUMBER: 11139422
 CLIENT: City of Rhinelander
 LOCATION: Rhinelander, Wisconsin

HOLE DESIGNATION: GP 01
 DATE COMPLETED: October 9, 2017
 DRILLING METHOD: Geoprobe
 FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE				
				NUMBER	INTERVAL	REC (ft)	N' VALUE	PID
2	FILL-silty sand with gravel, dark brown, moist			1	1.4			0
4	SP-SAND, trace silt, trace gravel, fine grained, light brown, moist to saturated	4.00	← 2-inch diameter borehole	2	0.0			NA
8	-occasional 1-inch seams of sandy silt from 8' to 16' below ground surface	8.00	← Bentonite Pellets	3	3.2			0
12	-saturated	13.00	▽	4	4.0			0
16	END OF BOREHOLE @ 16.0ft BGS	16.00						
18	The first borehole met refusal at 3' below ground surface (bgs). The second borehole met refusal at 5' bgs.							
20	A temporary well screen was installed to the bottom of the borehole and a water sample was collected for chemical analysis.							
22	Soil samples were collected for chemical analysis at 8' and 12' below ground surface.							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
 WATER FOUND ▽
 CHEMICAL ANALYSIS ○

OVERBURDEN LOG 11139422.GPJ CRA_CORP.GDT 11/27/17



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Former Kabel Auto
 PROJECT NUMBER: 11139422
 CLIENT: City of Rhinelander
 LOCATION: Rhinelander, Wisconsin

HOLE DESIGNATION: GP 02
 DATE COMPLETED: October 9, 2017
 DRILLING METHOD: Geoprobe
 FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE				
				NUMBER	INTERVAL	REC (ft)	N' VALUE	PID
2	FILL, silty sand, dark brown, moist to wet		 2-inch diameter borehole	1	2.0	2.0		0
4				2	2.3	2.3		0
6	SP-SAND, trace silt, fine grained, light brown to brown, moist -light grayish brown	5.50	 Bentonite Pellets	3	3.3	3.3		0
8		7.50		4	2.5	2.5		0
10								
12								
14								
16	-saturated	15.00						
16	END OF BOREHOLE @ 16.0ft BGS	16.00						
18	A temporary well screen was installed to the bottom of the borehole and a water sample was collected for chemical analysis.							
20	Soil samples were collected for chemical analysis at 6' and 14' below ground surface.							
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
 WATER FOUND
 CHEMICAL ANALYSIS

OVERBURDEN LOG 11139422.GPJ CRA_CORP.GDT 11/27/17



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Former Kabel Auto
 PROJECT NUMBER: 11139422
 CLIENT: City of Rhinelander
 LOCATION: Rhinelander, Wisconsin

HOLE DESIGNATION: GP 04
 DATE COMPLETED: October 9, 2017
 DRILLING METHOD: Geoprobe
 FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Soil Gas Probe	SAMPLE				
				NUMBER	INTERVAL	REC (ft)	N' VALUE	PID
2	SM-SAND, silty, with gravel, fine to medium grained, dark brown, moist			1	0.5	0.5		0
4	SP-SAND, trace silt, fine grained, dark brown to light grayish brown, moist	4.00	← 2-inch diameter borehole	2	0.8	0.8		0
8			← Bentonite Pellets	3	2.0	2.0		0
12	Minimal recovery	12.00		4	0.3	0.3		0
16	END OF BOREHOLE @ 16.0ft BGS	16.00						
18	A temporary well screen was installed to the bottom of the borehole and a water sample was collected for chemical analysis.							
20	A soil sample was collected for chemical analysis at 8' below ground surface.							
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

OVERBURDEN LOG 11139422.GPJ CRA_CORP.GDT 11/27/17



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Former Kabel Auto
 PROJECT NUMBER: 11139422
 CLIENT: City of Rhinelander
 LOCATION: Rhinelander, Wisconsin

HOLE DESIGNATION: GP 05
 DATE COMPLETED: October 9, 2017
 DRILLING METHOD: Geoprobe
 FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE				
				NUMBER	INTERVAL	REC (ft)	N' VALUE	PID
2	SM-SAND, silty, trace gravel, fine to medium grained, dark brown, moist			1	0.7			0
4	SP-SAND, trace silt, fine grained, dark brown to light grayish brown, moist	4.00		2	2.7			0
6	-dark reddish brown	5.00	← 2-inch diameter borehole					
8	-brown to light grayish brown	8.50	← Bentonite Pellets	3	3.5			0
10				4	3.0			0
12								
14		15.00	▽					
16	END OF BOREHOLE @ 16.0ft BGS	16.00						
18	A temporary well screen was installed to the bottom of the borehole and a water sample was collected for chemical analysis.							
20	Soil samples were collected for chemical analysis at 6' and 14' below ground surface.							
22	A soil gas sample was collected for chemical analysis.							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
 WATER FOUND ▽
 CHEMICAL ANALYSIS ○

OVERBURDEN LOG 11139422.GPJ CRA_CORP.GDT 11/27/17



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Former Kabel Auto
 PROJECT NUMBER: 11139422
 CLIENT: City of Rhinelander
 LOCATION: Rhinelander, Wisconsin

HOLE DESIGNATION: GP 07
 DATE COMPLETED: October 10, 2017
 DRILLING METHOD: Geoprobe
 FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE					
				NUMBER	INTERVAL	REC (ft)	N' VALUE	PID	
	Asphalt	0.50	<p style="text-align: center;">2-inch diameter borehole</p> <p style="text-align: center;">Bentonite Pellets</p> <p style="text-align: center;">▽</p>						
2	SP-SAND, trace silt, fine to medium grained, light brown, moist	1.50			1	2.0			0
4	-fine grained, dark reddish brown								
6		6.50			2	3.0			0
8	-light grayish brown								
10	ML-SILT, with very fine grained sand, brown, moist	10.00			3	4.0			0
12	SP-SAND, trace silt, fine grained, light grayish brown, moist	11.00							
14		14.00			4	4.0			0
14	ML-SILT, with very fine grained sand, brown, moist	14.20							
16	SP-SAND, trace silt, fine grained, light grayish brown, saturated	16.00							
	END OF BOREHOLE @ 16.0ft BGS								
18									
20	A temporary well screen was installed to the bottom of the borehole and a water sample was collected for chemical analysis.								
22	Soil samples were collected for chemical analysis at 6' and 13' below ground surface.								
24	A soil gas sample was collected for chemical analysis.								
26									
28									
30									
32									
34									

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
 WATER FOUND ▽
 CHEMICAL ANALYSIS ○

OVERBURDEN LOG 11139422.GPJ CRA_CORP.GDT 11/27/17



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Former Kabel Auto
 PROJECT NUMBER: 11139422
 CLIENT: City of Rhinelander
 LOCATION: Rhinelander, Wisconsin

HOLE DESIGNATION: GP 08
 DATE COMPLETED: October 10, 2017
 DRILLING METHOD: Geoprobe
 FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE				
				NUMBER	INTERVAL	REC (ft)	N' VALUE	PID
	Asphalt	0.50						
	FILL-fine to medium grained sand, with silt, with gravel, dark brown to black, moist	1.50						
2	SP-SAND, trace silt, fine grained, dark reddish brown, moist			1	1.8			0
4								
6	-light brown	6.00	← 2-inch diameter borehole	2	1.8			0
8			← Bentonite Pellets					
10	-2" coarse sand and gravel seam, dark brown	10.00		3	2.0			0
12								
14	-fine to medium grained, saturated	14.00	∇	4	3.5			0
16	END OF BOREHOLE @ 16.0ft BGS	16.00						
18	A temporary well screen was installed to the bottom of the borehole and a water sample was collected for chemical analysis.							
20	Soil samples were collected for chemical analysis at 6' and 13' below ground surface.							
22	A soil gas sample was collected for chemical analysis.							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
 WATER FOUND ∇
 CHEMICAL ANALYSIS ○

OVERBURDEN LOG 11139422.GPJ CRA_CORP.GDT 11/27/17



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Former Kabel Auto
 PROJECT NUMBER: 11139422
 CLIENT: City of Rhinelander
 LOCATION: Rhinelander, Wisconsin

HOLE DESIGNATION: GP 09
 DATE COMPLETED: October 10, 2017
 DRILLING METHOD: Geoprobe
 FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE					
				NUMBER	INTERVAL	REC (ft)	N' VALUE	PID	
2	Asphalt	0.50	<p style="text-align: center;">2-inch diameter borehole</p> <p style="text-align: center;">Bentonite Pellets</p>	1	0.50 - 1.00	1.0		0	
4	SM-SAND, silty, trace gravel, fine to medium grained, brown, moist								
6	SP-SAND, trace silt, fine grained, light brown, moist	6.00			2	6.00 - 6.10	1.1		0
8									
10					3	13.00 - 13.10	3.0		0
12									
14	-2" medium to coarse grained sand seam, dark brown -saturated	13.00 14.00		▽	4	13.00 - 14.00	4.0		0
16	-dark gray, petroleum like odor -light brown	15.50 15.90 16.00							
18	END OF BOREHOLE @ 16.0ft BGS								
20	A temporary well screen was installed to the bottom of the borehole and a water sample was collected for chemical analysis.								
22	Soil samples were collected for chemical analysis at 8' and 13' below ground surface.								
24	A soil gas sample was collected for chemical analysis.								
26									
28									
30									
32									
34									

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
 WATER FOUND ▽
 CHEMICAL ANALYSIS ○

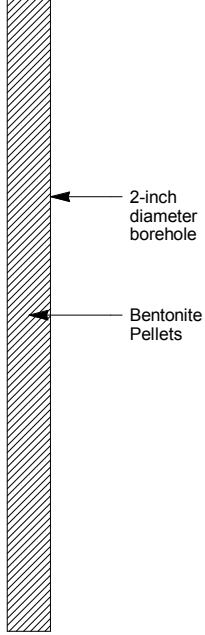

OVERBURDEN LOG 11139422.GPJ CRA_CORP.GDT 11/27/17



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Former Kabel Auto
 PROJECT NUMBER: 11139422
 CLIENT: City of Rhinelander
 LOCATION: Rhinelander, Wisconsin

HOLE DESIGNATION: GP 10
 DATE COMPLETED: October 10, 2017
 DRILLING METHOD: Geoprobe
 FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE				
				NUMBER	INTERVAL	REC (ft)	N' VALUE	PID
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34	Asphalt SM-SAND, with silt, with gravel, fine to medium grained, dark brown, moist	0.50 4.50 5.00 10.00 14.00 15.00 16.00	 <p style="margin-left: 20px;">2-inch diameter borehole</p> <p style="margin-left: 20px;">Bentonite Pellets</p>	1 2 3 4		2.1 2.7 3.6 2.8	23.3 22.4 31.3 31.2	
	SP-SAND, trace silt, fine grained, reddish brown, moist -tan to light brown -3" silty sand seam, dark brown, mottling, moist to wet -2" seam with trace gravel, dark brown -saturated END OF BOREHOLE @ 16.0ft BGS A temporary well screen was installed to the bottom of the borehole and a water sample was collected for chemical analysis. Soil samples were collected for chemical analysis at 8' and 14' below ground surface.							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
 WATER FOUND ▼
 CHEMICAL ANALYSIS ○

OVERBURDEN LOG 11139422.GPJ CRA_CORP.GDT 11/27/17



STRATIGRAPHIC LOG (OVERBURDEN)

PROJECT NAME: Former Kabel Auto
 PROJECT NUMBER: 11139422
 CLIENT: City of Rhinelander
 LOCATION: Rhinelander, Wisconsin

HOLE DESIGNATION: GP 12
 DATE COMPLETED: October 10, 2017
 DRILLING METHOD: Geoprobe
 FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	SAMPLE				
			NUMBER	INTERVAL	REC (ft)	N' VALUE	PID
2	Asphalt The soil was removed using a vac truck due to utilities.	0.50					
4							
6	No recovery	6.00	1	0.1			25.9
8							
10			2	0.0			NA
12	SP-SAND, trace silt, fine grained, light brown to tan, moist	12.00					
14							
16	-saturated -dark gray to gray, petroleum like odor END OF BOREHOLE @ 16.0ft BGS	14.50 15.50 16.00	3	4.0			24.8
18	A temporary well screen was installed to the bottom of the borehole and a water sample was collected for chemical analysis.						
20	A soil sample was collected for chemical analysis at 13.5' below ground surface.						
22							
24							
26							
28							
30							
32							
34							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
 WATER FOUND ▼
 CHEMICAL ANALYSIS ○

OVERBURDEN LOG 11139422.GPJ CRA_CORP.GDT 11/27/17



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Former Kabel Auto
 PROJECT NUMBER: 11139422
 CLIENT: City of Rhinelander
 LOCATION: Rhinelander, Wisconsin

HOLE DESIGNATION: GP 13
 DATE COMPLETED: October 10, 2017
 DRILLING METHOD: Geoprobe
 FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE				
				NUMBER	INTERVAL	REC (ft)	N' VALUE	PID
	Asphalt	0.50						
2	SM-SAND, with silt, with gravel, fine to medium grained, dark brown to black, moist	1.00		1		1.5		23.3
4	SP-SAND, trace silt, very fine to fine grained, reddish brown, moist							
6	-light brown, with silt	6.00	2-inch diameter borehole	2		3.0		24.1
8			Bentonite Pellets					
10	-2" dark gray fine to medium sand with gravel seam	8.80		3		3.8		22.1
12								
14	-dark gray fine to medium sand with trace gravel seam -saturated	13.00 14.00	▽	4		3.8		27.1
16	-grayish, with petroleum like odor END OF BOREHOLE @ 16.0ft BGS	15.20 16.00						
18	A temporary well screen was installed to the bottom of the borehole and a water sample was collected for chemical analysis.							
20	Soil samples were collected for chemical analysis at 6' and 14' below ground surface.							
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
 WATER FOUND ▽
 CHEMICAL ANALYSIS ○

OVERBURDEN LOG 11139422.GPJ CRA_CORP.GDT 11/27/17

Attachment D

Laboratory Data Sheets

October 25, 2017

Mr. Grant Anderson
GHD
1801 Old Highway 8 NW
Suite 114
St. Paul, MN 55112

RE: Project: 11139422 FORMER KABEL AUTO
Pace Project No.: 10406679

Dear Mr. Anderson:

Enclosed are the analytical results for sample(s) received by the laboratory on October 11, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Tina Soltani
tina.soltani@pacelabs.com
(612)607-6384
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas Certification #: 88-0680

California Certification #: 2929

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia DEP Certification #: 382

Wisconsin Certification #: 999407970

Wyoming via EPA Region 8 Certification #: 8TMS-L

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10406679001	S-171009-RF-01	Solid	10/09/17 14:30	10/11/17 10:20
10406679002	S-171009-RF-02	Solid	10/09/17 14:35	10/11/17 10:20
10406679003	S-171009-RF-03	Solid	10/09/17 15:00	10/11/17 10:20
10406679004	S-171009-RF-04	Solid	10/09/17 15:05	10/11/17 10:20
10406679005	S-171009-RF-05	Solid	10/09/17 15:25	10/11/17 10:20
10406679006	S-171009-RF-06	Solid	10/09/17 15:45	10/11/17 10:20
10406679007	S-171009-RF-07	Solid	10/09/17 16:15	10/11/17 10:20
10406679008	S-171009-RF-08	Solid	10/09/17 16:20	10/11/17 10:20
10406679009	S-171009-RF-09	Solid	10/09/17 16:50	10/11/17 10:20
10406679010	S-171010-RF-10	Solid	10/10/17 08:05	10/11/17 10:20
10406679011	S-171010-RF-11	Solid	10/10/17 08:35	10/11/17 10:20
10406679012	S-171010-RF-12	Solid	10/10/17 09:00	10/11/17 10:20
10406679013	S-171010-RF-13	Solid	10/10/17 09:05	10/11/17 10:20
10406679014	S-171010-RF-14	Solid	10/10/17 09:25	10/11/17 10:20
10406679015	S-171010-RF-15	Solid	10/10/17 09:35	10/11/17 10:20
10406679016	S-171010-RF-16	Solid	10/10/17 10:35	10/11/17 10:20
10406679017	S-171010-RF-17	Solid	10/10/17 10:40	10/11/17 10:20
10406679018	S-171010-RF-18	Solid	10/10/17 11:15	10/11/17 10:20
10406679019	S-171010-RF-19	Solid	10/10/17 11:10	10/11/17 10:20
10406679020	S-171010-RF-20	Solid	10/10/17 11:40	10/11/17 10:20
10406679021	S-171010-RF-21	Solid	10/10/17 12:10	10/11/17 10:20
10406679022	S-171010-RF-22	Solid	10/10/17 12:05	10/11/17 10:20
10406679023	W-171009-RF-01	Water	10/09/17 13:30	10/11/17 10:20
10406679024	W-171009-RF-02	Water	10/09/17 14:15	10/11/17 10:20
10406679025	W-171009-RF-03	Water	10/09/17 15:00	10/11/17 10:20
10406679026	W-171009-RF-04	Water	10/09/17 16:00	10/11/17 10:20
10406679027	W-171010-RF-06	Water	10/10/17 08:15	10/11/17 10:20
10406679028	W-171010-RF-07	Water	10/10/17 08:50	10/11/17 10:20
10406679029	W-171010-RF-08	Water	10/10/17 09:00	10/11/17 10:20
10406679030	W-171010-RF-09	Water	10/10/17 09:30	10/11/17 10:20
10406679031	W-171010-RF-10	Water	10/10/17 10:30	10/11/17 10:20
10406679032	W-171010-RF-11	Water	10/10/17 11:00	10/11/17 10:20
10406679033	W-171010-RF-12	Water	10/10/17 11:30	10/11/17 10:20
10406679034	Trip Blank	Solid	10/09/17 00:00	10/11/17 10:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10406679001	S-171009-RF-01	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679002	S-171009-RF-02	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679003	S-171009-RF-03	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679004	S-171009-RF-04	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679005	S-171009-RF-05	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679006	S-171009-RF-06	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679007	S-171009-RF-07	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679008	S-171009-RF-08	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679009	S-171009-RF-09	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679010	S-171010-RF-10	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679011	S-171010-RF-11	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679012	S-171010-RF-12	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679013	S-171010-RF-13	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679014	S-171010-RF-14	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679015	S-171010-RF-15	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679016	S-171010-RF-16	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679017	S-171010-RF-17	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679018	S-171010-RF-18	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679019	S-171010-RF-19	ASTM D2974	JDL	1	PASI-M

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10406679020	S-171010-RF-20	EPA 8260	HNW	73	PASI-G
		ASTM D2974	JDL	1	PASI-M
10406679021	S-171010-RF-21	EPA 8260	HNW	73	PASI-G
		ASTM D2974	JDL	1	PASI-M
10406679022	S-171010-RF-22	EPA 8260	HNW	73	PASI-G
		ASTM D2974	JDL	1	PASI-M
10406679023	W-171009-RF-01	EPA 8260	SMT	73	PASI-G
10406679023	W-171009-RF-01	EPA 8260B	PRD	70	PASI-M
10406679024	W-171009-RF-02	EPA 8260B	PRD	70	PASI-M
10406679025	W-171009-RF-03	EPA 8260B	PRD	70	PASI-M
10406679026	W-171009-RF-04	EPA 8260B	PRD	70	PASI-M
10406679027	W-171010-RF-06	EPA 8260B	MRB	70	PASI-M
10406679028	W-171010-RF-07	EPA 8260B	MRB	70	PASI-M
10406679029	W-171010-RF-08	EPA 8260B	MRB	70	PASI-M
10406679030	W-171010-RF-09	EPA 8260B	MRB	70	PASI-M
10406679031	W-171010-RF-10	EPA 8260B	AEZ	70	PASI-M
10406679032	W-171010-RF-11	EPA 8260B	MRB	70	PASI-M
10406679033	W-171010-RF-12	EPA 8260B	MRB	70	PASI-M
10406679034	Trip Blank	EPA 8260	SMT	73	PASI-G

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10406679001	S-171009-RF-01					
ASTM D2974	Percent Moisture	5.0	%	0.10	10/11/17 14:50	
10406679002	S-171009-RF-02					
ASTM D2974	Percent Moisture	3.8	%	0.10	10/11/17 14:50	
10406679003	S-171009-RF-03					
ASTM D2974	Percent Moisture	6.3	%	0.10	10/11/17 14:50	
10406679004	S-171009-RF-04					
ASTM D2974	Percent Moisture	4.7	%	0.10	10/11/17 14:51	
10406679005	S-171009-RF-05					
ASTM D2974	Percent Moisture	5.3	%	0.10	10/11/17 14:51	
10406679006	S-171009-RF-06					
ASTM D2974	Percent Moisture	7.2	%	0.10	10/11/17 14:51	
10406679007	S-171009-RF-07					
ASTM D2974	Percent Moisture	8.2	%	0.10	10/11/17 14:51	
10406679008	S-171009-RF-08					
ASTM D2974	Percent Moisture	4.5	%	0.10	10/11/17 14:51	
10406679009	S-171009-RF-09					
ASTM D2974	Percent Moisture	4.9	%	0.10	10/11/17 14:52	
10406679010	S-171010-RF-10					
ASTM D2974	Percent Moisture	3.6	%	0.10	10/11/17 14:52	
10406679011	S-171010-RF-11					
ASTM D2974	Percent Moisture	5.2	%	0.10	10/11/17 14:52	
10406679012	S-171010-RF-12					
ASTM D2974	Percent Moisture	4.4	%	0.10	10/11/17 14:52	
10406679013	S-171010-RF-13					
ASTM D2974	Percent Moisture	5.4	%	0.10	10/11/17 14:52	
10406679014	S-171010-RF-14					
ASTM D2974	Percent Moisture	4.3	%	0.10	10/11/17 14:53	
10406679015	S-171010-RF-15					
ASTM D2974	Percent Moisture	4.9	%	0.10	10/11/17 14:53	
10406679016	S-171010-RF-16					
ASTM D2974	Percent Moisture	3.1	%	0.10	10/11/17 14:53	
10406679017	S-171010-RF-17					
ASTM D2974	Percent Moisture	2.8	%	0.10	10/11/17 14:53	
EPA 8260	Acetone	18.4J	ug/kg	31.3	10/19/17 15:12	
10406679018	S-171010-RF-18					
ASTM D2974	Percent Moisture	4.7	%	0.10	10/11/17 14:53	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10406679019	S-171010-RF-19					
ASTM D2974	Percent Moisture	2.3	%	0.10	10/11/17 14:54	
10406679020	S-171010-RF-20					
ASTM D2974	Percent Moisture	5.1	%	0.10	10/12/17 10:56	
10406679021	S-171010-RF-21					
ASTM D2974	Percent Moisture	6.0	%	0.10	10/12/17 10:57	
10406679022	S-171010-RF-22					
ASTM D2974	Percent Moisture	6.0	%	0.10	10/12/17 10:57	
10406679023	W-171009-RF-01					
EPA 8260B	Acetone	11.1J	ug/L	20.0	10/18/17 17:42	CH,L3
EPA 8260B	sec-Butylbenzene	0.75J	ug/L	1.0	10/18/17 17:42	
EPA 8260B	Chloromethane	6.2J	ug/L	10.0	10/18/17 17:42	B
EPA 8260B	Ethylbenzene	0.14J	ug/L	1.0	10/18/17 17:42	
EPA 8260B	p-Isopropyltoluene	0.65J	ug/L	1.0	10/18/17 17:42	
EPA 8260B	Tetrachloroethene	2.7	ug/L	1.0	10/18/17 17:42	
10406679024	W-171009-RF-02					
EPA 8260B	Acetone	9.1J	ug/L	20.0	10/18/17 17:59	CH,L3
EPA 8260B	Chloromethane	4.4J	ug/L	10.0	10/18/17 17:59	B
EPA 8260B	Tetrachloroethene	1.5	ug/L	1.0	10/18/17 17:59	
EPA 8260B	Trichloroethene	0.28J	ug/L	0.40	10/18/17 17:59	
10406679025	W-171009-RF-03					
EPA 8260B	Acetone	11.1J	ug/L	20.0	10/18/17 18:15	CH,L3
EPA 8260B	tert-Butylbenzene	0.43J	ug/L	1.0	10/18/17 18:15	
EPA 8260B	Chloromethane	6.3J	ug/L	10.0	10/18/17 18:15	B
EPA 8260B	Ethylbenzene	0.31J	ug/L	1.0	10/18/17 18:15	
EPA 8260B	p-Isopropyltoluene	2.3	ug/L	1.0	10/18/17 18:15	
EPA 8260B	Naphthalene	0.80J	ug/L	4.0	10/18/17 18:15	
EPA 8260B	n-Propylbenzene	0.24J	ug/L	1.0	10/18/17 18:15	
EPA 8260B	Tetrachloroethene	0.52J	ug/L	1.0	10/18/17 18:15	
EPA 8260B	Toluene	0.40J	ug/L	1.0	10/18/17 18:15	B
EPA 8260B	Trichloroethene	0.39J	ug/L	0.40	10/18/17 18:15	
EPA 8260B	1,2,4-Trimethylbenzene	2.7	ug/L	1.0	10/18/17 18:15	
EPA 8260B	1,3,5-Trimethylbenzene	5.6	ug/L	1.0	10/18/17 18:15	
10406679026	W-171009-RF-04					
EPA 8260B	Chloromethane	5.1J	ug/L	10.0	10/18/17 18:31	B
EPA 8260B	p-Isopropyltoluene	0.63J	ug/L	1.0	10/18/17 18:31	
EPA 8260B	Tetrachloroethene	1.1	ug/L	1.0	10/18/17 18:31	
EPA 8260B	Toluene	0.18J	ug/L	1.0	10/18/17 18:31	B
EPA 8260B	Trichloroethene	0.28J	ug/L	0.40	10/18/17 18:31	
10406679027	W-171010-RF-06					
EPA 8260B	Chloromethane	4.4J	ug/L	10.0	10/20/17 18:10	
10406679028	W-171010-RF-07					
EPA 8260B	Chloromethane	9.8J	ug/L	10.0	10/20/17 18:27	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
10406679028	W-171010-RF-07					
EPA 8260B	Methylene Chloride	1.4J	ug/L	4.0	10/20/17 18:27	
10406679029	W-171010-RF-08					
EPA 8260B	Acetone	11.6J	ug/L	20.0	10/20/17 18:43	CH,L1
EPA 8260B	sec-Butylbenzene	1.1	ug/L	1.0	10/20/17 18:43	
EPA 8260B	tert-Butylbenzene	0.21J	ug/L	1.0	10/20/17 18:43	
EPA 8260B	Chloromethane	7.2J	ug/L	10.0	10/20/17 18:43	
EPA 8260B	p-Isopropyltoluene	0.51J	ug/L	1.0	10/20/17 18:43	
EPA 8260B	Methylene Chloride	1.8J	ug/L	4.0	10/20/17 18:43	
EPA 8260B	Toluene	0.25J	ug/L	1.0	10/20/17 18:43	B
10406679030	W-171010-RF-09					
EPA 8260B	2-Butanone (MEK)	10.4	ug/L	5.0	10/20/17 18:59	
EPA 8260B	sec-Butylbenzene	31.1	ug/L	1.0	10/20/17 18:59	
EPA 8260B	Chloromethane	4.7J	ug/L	10.0	10/20/17 18:59	
EPA 8260B	Ethylbenzene	2.9	ug/L	1.0	10/20/17 18:59	
EPA 8260B	Isopropylbenzene (Cumene)	9.1	ug/L	1.0	10/20/17 18:59	
EPA 8260B	p-Isopropyltoluene	85.9	ug/L	1.0	10/20/17 18:59	
EPA 8260B	Methylene Chloride	1.5J	ug/L	4.0	10/20/17 18:59	
EPA 8260B	Naphthalene	35.9	ug/L	4.0	10/20/17 18:59	
EPA 8260B	n-Propylbenzene	27.3	ug/L	1.0	10/20/17 18:59	
EPA 8260B	Tetrachloroethene	0.60J	ug/L	1.0	10/20/17 18:59	
EPA 8260B	Toluene	0.90J	ug/L	1.0	10/20/17 18:59	B
EPA 8260B	1,2,4-Trimethylbenzene	425	ug/L	5.0	10/23/17 19:00	
EPA 8260B	1,3,5-Trimethylbenzene	168	ug/L	1.0	10/20/17 18:59	
EPA 8260B	Xylene (Total)	9.5	ug/L	3.0	10/20/17 18:59	
10406679031	W-171010-RF-10					
EPA 8260B	Chloromethane	7.2J	ug/L	10.0	10/24/17 13:06	
EPA 8260B	Methylene Chloride	1.2J	ug/L	4.0	10/24/17 13:06	
EPA 8260B	Toluene	0.21J	ug/L	1.0	10/24/17 13:06	
10406679032	W-171010-RF-11					
EPA 8260B	Acetone	12.4J	ug/L	20.0	10/20/17 19:32	CH,L1
EPA 8260B	n-Butylbenzene	16.1	ug/L	1.0	10/20/17 19:32	
EPA 8260B	sec-Butylbenzene	40.2	ug/L	1.0	10/20/17 19:32	
EPA 8260B	tert-Butylbenzene	7.8	ug/L	1.0	10/20/17 19:32	
EPA 8260B	Chloromethane	6.5J	ug/L	10.0	10/20/17 19:32	
EPA 8260B	Ethylbenzene	2.5	ug/L	1.0	10/20/17 19:32	
EPA 8260B	Isopropylbenzene (Cumene)	17.5	ug/L	1.0	10/20/17 19:32	
EPA 8260B	p-Isopropyltoluene	43.7	ug/L	1.0	10/20/17 19:32	
EPA 8260B	Methylene Chloride	1.5J	ug/L	4.0	10/20/17 19:32	
EPA 8260B	Naphthalene	34.4	ug/L	4.0	10/20/17 19:32	
EPA 8260B	n-Propylbenzene	40.6	ug/L	1.0	10/20/17 19:32	
EPA 8260B	Toluene	0.38J	ug/L	1.0	10/20/17 19:32	B
EPA 8260B	1,2,4-Trimethylbenzene	379	ug/L	5.0	10/23/17 19:16	
EPA 8260B	1,3,5-Trimethylbenzene	118	ug/L	1.0	10/20/17 19:32	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10406679033	W-171010-RF-12					
EPA 8260B	sec-Butylbenzene	5.4	ug/L	1.0	10/20/17 19:48	
EPA 8260B	tert-Butylbenzene	1.7	ug/L	1.0	10/20/17 19:48	
EPA 8260B	Chloromethane	2.9J	ug/L	10.0	10/20/17 19:48	
EPA 8260B	Ethylbenzene	1.0	ug/L	1.0	10/20/17 19:48	
EPA 8260B	Isopropylbenzene (Cumene)	1.7	ug/L	1.0	10/20/17 19:48	
EPA 8260B	p-Isopropyltoluene	17.8	ug/L	1.0	10/20/17 19:48	
EPA 8260B	Naphthalene	13.8	ug/L	4.0	10/20/17 19:48	
EPA 8260B	n-Propylbenzene	5.1	ug/L	1.0	10/20/17 19:48	
EPA 8260B	Toluene	0.38J	ug/L	1.0	10/20/17 19:48	B
EPA 8260B	1,2,4-Trimethylbenzene	159	ug/L	1.0	10/20/17 19:48	
EPA 8260B	1,3,5-Trimethylbenzene	48.9	ug/L	1.0	10/20/17 19:48	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: S-171009-RF-01 Lab ID: 10406679001 Collected: 10/09/17 14:30 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	5.0	%	0.10	0.10	1		10/11/17 14:50		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.8 U	ug/kg	10.8	3.3	1	10/18/17 05:00	10/18/17 11:45	630-20-6	
1,1,1-Trichloroethane	18.7 U	ug/kg	18.7	5.6	1	10/18/17 05:00	10/18/17 11:45	71-55-6	
1,1,2,2-Tetrachloroethane	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 11:45	79-34-5	
1,1,2-Trichloroethane	13.3 U	ug/kg	13.3	4.0	1	10/18/17 05:00	10/18/17 11:45	79-00-5	
1,1,2-Trichlorotrifluoroethane	22.4 U	ug/kg	22.4	6.7	1	10/18/17 05:00	10/18/17 11:45	76-13-1	
1,1-Dichloroethane	15.9 U	ug/kg	15.9	4.8	1	10/18/17 05:00	10/18/17 11:45	75-34-3	
1,1-Dichloroethene	18.0 U	ug/kg	18.0	5.4	1	10/18/17 05:00	10/18/17 11:45	75-35-4	
1,1-Dichloropropene	18.5 U	ug/kg	18.5	5.5	1	10/18/17 05:00	10/18/17 11:45	563-58-6	
1,2,3-Trichlorobenzene	12.5 U	ug/kg	12.5	3.7	1	10/18/17 05:00	10/18/17 11:45	87-61-6	
1,2,3-Trichloropropane	12.2 U	ug/kg	12.2	3.7	1	10/18/17 05:00	10/18/17 11:45	96-18-4	
1,2,4-Trichlorobenzene	12.7 U	ug/kg	12.7	3.8	1	10/18/17 05:00	10/18/17 11:45	120-82-1	
1,2,4-Trimethylbenzene	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 11:45	95-63-6	
1,2-Dibromo-3-chloropropane	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 11:45	96-12-8	
1,2-Dibromoethane (EDB)	13.9 U	ug/kg	13.9	4.2	1	10/18/17 05:00	10/18/17 11:45	106-93-4	
1,2-Dichlorobenzene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 11:45	95-50-1	
1,2-Dichloroethane	17.9 U	ug/kg	17.9	5.4	1	10/18/17 05:00	10/18/17 11:45	107-06-2	
1,2-Dichloroethene (Total)	36.6 U	ug/kg	36.6	11.0	1	10/18/17 05:00	10/18/17 11:45	540-59-0	
1,2-Dichloropropane	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 11:45	78-87-5	
1,3,5-Trimethylbenzene	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 11:45	108-67-8	
1,3-Dichlorobenzene	12.5 U	ug/kg	12.5	3.7	1	10/18/17 05:00	10/18/17 11:45	541-73-1	
1,3-Dichloropropane	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 11:45	142-28-9	
1,4-Dichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 11:45	106-46-7	
2,2-Dichloropropane	18.4 U	ug/kg	18.4	5.5	1	10/18/17 05:00	10/18/17 11:45	594-20-7	
2-Butanone (MEK)	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 11:45	78-93-3	
2-Chlorotoluene	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 11:45	95-49-8	
4-Chlorotoluene	13.2 U	ug/kg	13.2	3.9	1	10/18/17 05:00	10/18/17 11:45	106-43-4	
4-Methyl-2-pentanone (MIBK)	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 11:45	108-10-1	
Acetone	33.0 U	ug/kg	33.0	9.9	1	10/18/17 05:00	10/18/17 11:45	67-64-1	
Allyl chloride	18.1 U	ug/kg	18.1	5.4	1	10/18/17 05:00	10/18/17 11:45	107-05-1	
Benzene	16.3 U	ug/kg	16.3	4.9	1	10/18/17 05:00	10/18/17 11:45	71-43-2	
Bromobenzene	12.8 U	ug/kg	12.8	3.8	1	10/18/17 05:00	10/18/17 11:45	108-86-1	
Bromochloromethane	19.9 U	ug/kg	19.9	6.0	1	10/18/17 05:00	10/18/17 11:45	74-97-5	
Bromodichloromethane	11.5 U	ug/kg	11.5	3.4	1	10/18/17 05:00	10/18/17 11:45	75-27-4	
Bromoform	14.4 U	ug/kg	14.4	4.3	1	10/18/17 05:00	10/18/17 11:45	75-25-2	
Bromomethane	26.3 U	ug/kg	26.3	7.9	1	10/18/17 05:00	10/18/17 11:45	74-83-9	
Carbon tetrachloride	17.5 U	ug/kg	17.5	5.3	1	10/18/17 05:00	10/18/17 11:45	56-23-5	
Chlorobenzene	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 11:45	108-90-7	
Chloroethane	15.3 U	ug/kg	15.3	4.6	1	10/18/17 05:00	10/18/17 11:45	75-00-3	
Chloroform	18.3 U	ug/kg	18.3	5.5	1	10/18/17 05:00	10/18/17 11:45	67-66-3	
Chloromethane	14.4 U	ug/kg	14.4	4.3	1	10/18/17 05:00	10/18/17 11:45	74-87-3	
Dibromochloromethane	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 11:45	124-48-1	
Dibromomethane	14.7 U	ug/kg	14.7	4.4	1	10/18/17 05:00	10/18/17 11:45	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171009-RF-01 Lab ID: 10406679001 Collected: 10/09/17 14:30 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	20.9 U	ug/kg	20.9	6.3	1	10/18/17 05:00	10/18/17 11:45	75-71-8	
Dichlorofluoromethane	17.1 U	ug/kg	17.1	5.1	1	10/18/17 05:00	10/18/17 11:45	75-43-4	
Diethyl ether (Ethyl ether)	17.0 U	ug/kg	17.0	5.1	1	10/18/17 05:00	10/18/17 11:45	60-29-7	
Ethylbenzene	12.9 U	ug/kg	12.9	3.9	1	10/18/17 05:00	10/18/17 11:45	100-41-4	
Hexachloro-1,3-butadiene	13.1 U	ug/kg	13.1	3.9	1	10/18/17 05:00	10/18/17 11:45	87-68-3	
Isopropylbenzene (Cumene)	13.7 U	ug/kg	13.7	4.1	1	10/18/17 05:00	10/18/17 11:45	98-82-8	
Methyl-tert-butyl ether	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 11:45	1634-04-4	
Methylene Chloride	16.9 U	ug/kg	16.9	5.1	1	10/18/17 05:00	10/18/17 11:45	75-09-2	
Naphthalene	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 11:45	91-20-3	
Styrene	14.4 U	ug/kg	14.4	4.3	1	10/18/17 05:00	10/18/17 11:45	100-42-5	
Tetrachloroethene	15.5 U	ug/kg	15.5	4.7	1	10/18/17 05:00	10/18/17 11:45	127-18-4	
Tetrahydrofuran	16.2 U	ug/kg	16.2	4.9	1	10/18/17 05:00	10/18/17 11:45	109-99-9	
Toluene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 11:45	108-88-3	
Trichloroethene	12.1 U	ug/kg	12.1	3.6	1	10/18/17 05:00	10/18/17 11:45	79-01-6	
Trichlorofluoromethane	20.3 U	ug/kg	20.3	6.1	1	10/18/17 05:00	10/18/17 11:45	75-69-4	
Vinyl chloride	15.8 U	ug/kg	15.8	4.7	1	10/18/17 05:00	10/18/17 11:45	75-01-4	
Xylene (Total)	41.6 U	ug/kg	41.6	12.5	1	10/18/17 05:00	10/18/17 11:45	1330-20-7	
cis-1,2-Dichloroethene	18.2 U	ug/kg	18.2	5.4	1	10/18/17 05:00	10/18/17 11:45	156-59-2	
cis-1,3-Dichloropropene	8.7 U	ug/kg	8.7	2.6	1	10/18/17 05:00	10/18/17 11:45	10061-01-5	
m&p-Xylene	28.5 U	ug/kg	28.5	8.5	1	10/18/17 05:00	10/18/17 11:45	179601-23-1	
n-Butylbenzene	11.8 U	ug/kg	11.8	3.6	1	10/18/17 05:00	10/18/17 11:45	104-51-8	
n-Propylbenzene	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 11:45	103-65-1	
o-Xylene	13.1 U	ug/kg	13.1	3.9	1	10/18/17 05:00	10/18/17 11:45	95-47-6	
p-Isopropyltoluene	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 11:45	99-87-6	
sec-Butylbenzene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 11:45	135-98-8	
tert-Butylbenzene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 11:45	98-06-6	
trans-1,2-Dichloroethene	18.4 U	ug/kg	18.4	5.5	1	10/18/17 05:00	10/18/17 11:45	156-60-5	
trans-1,3-Dichloropropene	8.3 U	ug/kg	8.3	2.5	1	10/18/17 05:00	10/18/17 11:45	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	70-130		1	10/18/17 05:00	10/18/17 11:45	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1	10/18/17 05:00	10/18/17 11:45	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130		1	10/18/17 05:00	10/18/17 11:45	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: S-171009-RF-02 Lab ID: 10406679002 Collected: 10/09/17 14:35 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	3.8	%	0.10	0.10	1		10/11/17 14:50		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.3 U	ug/kg	10.3	3.1	1	10/18/17 05:00	10/18/17 12:07	630-20-6	
1,1,1-Trichloroethane	17.8 U	ug/kg	17.8	5.3	1	10/18/17 05:00	10/18/17 12:07	71-55-6	
1,1,2,2-Tetrachloroethane	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 12:07	79-34-5	
1,1,2-Trichloroethane	12.7 U	ug/kg	12.7	3.8	1	10/18/17 05:00	10/18/17 12:07	79-00-5	
1,1,2-Trichlorotrifluoroethane	21.3 U	ug/kg	21.3	6.4	1	10/18/17 05:00	10/18/17 12:07	76-13-1	
1,1-Dichloroethane	15.1 U	ug/kg	15.1	4.5	1	10/18/17 05:00	10/18/17 12:07	75-34-3	
1,1-Dichloroethene	17.1 U	ug/kg	17.1	5.1	1	10/18/17 05:00	10/18/17 12:07	75-35-4	
1,1-Dichloropropene	17.6 U	ug/kg	17.6	5.3	1	10/18/17 05:00	10/18/17 12:07	563-58-6	
1,2,3-Trichlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 12:07	87-61-6	
1,2,3-Trichloropropane	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 12:07	96-18-4	
1,2,4-Trichlorobenzene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 12:07	120-82-1	
1,2,4-Trimethylbenzene	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 12:07	95-63-6	
1,2-Dibromo-3-chloropropane	15.3 U	ug/kg	15.3	4.6	1	10/18/17 05:00	10/18/17 12:07	96-12-8	
1,2-Dibromoethane (EDB)	13.2 U	ug/kg	13.2	4.0	1	10/18/17 05:00	10/18/17 12:07	106-93-4	
1,2-Dichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 12:07	95-50-1	
1,2-Dichloroethane	17.0 U	ug/kg	17.0	5.1	1	10/18/17 05:00	10/18/17 12:07	107-06-2	
1,2-Dichloroethene (Total)	34.8 U	ug/kg	34.8	10.4	1	10/18/17 05:00	10/18/17 12:07	540-59-0	
1,2-Dichloropropane	10.5 U	ug/kg	10.5	3.2	1	10/18/17 05:00	10/18/17 12:07	78-87-5	
1,3,5-Trimethylbenzene	11.0 U	ug/kg	11.0	3.3	1	10/18/17 05:00	10/18/17 12:07	108-67-8	
1,3-Dichlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 12:07	541-73-1	
1,3-Dichloropropane	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 12:07	142-28-9	
1,4-Dichlorobenzene	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 12:07	106-46-7	
2,2-Dichloropropane	17.5 U	ug/kg	17.5	5.2	1	10/18/17 05:00	10/18/17 12:07	594-20-7	
2-Butanone (MEK)	15.3 U	ug/kg	15.3	4.6	1	10/18/17 05:00	10/18/17 12:07	78-93-3	
2-Chlorotoluene	10.8 U	ug/kg	10.8	3.2	1	10/18/17 05:00	10/18/17 12:07	95-49-8	
4-Chlorotoluene	12.5 U	ug/kg	12.5	3.8	1	10/18/17 05:00	10/18/17 12:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	10.8 U	ug/kg	10.8	3.2	1	10/18/17 05:00	10/18/17 12:07	108-10-1	
Acetone	31.4 U	ug/kg	31.4	9.4	1	10/18/17 05:00	10/18/17 12:07	67-64-1	
Allyl chloride	17.2 U	ug/kg	17.2	5.2	1	10/18/17 05:00	10/18/17 12:07	107-05-1	
Benzene	15.5 U	ug/kg	15.5	4.6	1	10/18/17 05:00	10/18/17 12:07	71-43-2	
Bromobenzene	12.2 U	ug/kg	12.2	3.7	1	10/18/17 05:00	10/18/17 12:07	108-86-1	
Bromochloromethane	18.9 U	ug/kg	18.9	5.7	1	10/18/17 05:00	10/18/17 12:07	74-97-5	
Bromodichloromethane	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 12:07	75-27-4	
Bromoform	13.7 U	ug/kg	13.7	4.1	1	10/18/17 05:00	10/18/17 12:07	75-25-2	
Bromomethane	25.1 U	ug/kg	25.1	7.5	1	10/18/17 05:00	10/18/17 12:07	74-83-9	
Carbon tetrachloride	16.7 U	ug/kg	16.7	5.0	1	10/18/17 05:00	10/18/17 12:07	56-23-5	
Chlorobenzene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 12:07	108-90-7	
Chloroethane	14.5 U	ug/kg	14.5	4.4	1	10/18/17 05:00	10/18/17 12:07	75-00-3	
Chloroform	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 12:07	67-66-3	
Chloromethane	13.7 U	ug/kg	13.7	4.1	1	10/18/17 05:00	10/18/17 12:07	74-87-3	
Dibromochloromethane	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 12:07	124-48-1	
Dibromomethane	14.0 U	ug/kg	14.0	4.2	1	10/18/17 05:00	10/18/17 12:07	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171009-RF-02 Lab ID: 10406679002 Collected: 10/09/17 14:35 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	19.9 U	ug/kg	19.9	6.0	1	10/18/17 05:00	10/18/17 12:07	75-71-8	
Dichlorofluoromethane	16.3 U	ug/kg	16.3	4.9	1	10/18/17 05:00	10/18/17 12:07	75-43-4	
Diethyl ether (Ethyl ether)	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 12:07	60-29-7	
Ethylbenzene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 12:07	100-41-4	
Hexachloro-1,3-butadiene	12.5 U	ug/kg	12.5	3.7	1	10/18/17 05:00	10/18/17 12:07	87-68-3	
Isopropylbenzene (Cumene)	13.0 U	ug/kg	13.0	3.9	1	10/18/17 05:00	10/18/17 12:07	98-82-8	
Methyl-tert-butyl ether	16.6 U	ug/kg	16.6	5.0	1	10/18/17 05:00	10/18/17 12:07	1634-04-4	
Methylene Chloride	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 12:07	75-09-2	
Naphthalene	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 12:07	91-20-3	
Styrene	13.7 U	ug/kg	13.7	4.1	1	10/18/17 05:00	10/18/17 12:07	100-42-5	
Tetrachloroethene	14.8 U	ug/kg	14.8	4.4	1	10/18/17 05:00	10/18/17 12:07	127-18-4	
Tetrahydrofuran	15.4 U	ug/kg	15.4	4.6	1	10/18/17 05:00	10/18/17 12:07	109-99-9	
Toluene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 12:07	108-88-3	
Trichloroethene	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 12:07	79-01-6	
Trichlorofluoromethane	19.3 U	ug/kg	19.3	5.8	1	10/18/17 05:00	10/18/17 12:07	75-69-4	
Vinyl chloride	15.0 U	ug/kg	15.0	4.5	1	10/18/17 05:00	10/18/17 12:07	75-01-4	
Xylene (Total)	39.6 U	ug/kg	39.6	11.9	1	10/18/17 05:00	10/18/17 12:07	1330-20-7	
cis-1,2-Dichloroethene	17.3 U	ug/kg	17.3	5.2	1	10/18/17 05:00	10/18/17 12:07	156-59-2	
cis-1,3-Dichloropropene	8.3 U	ug/kg	8.3	2.5	1	10/18/17 05:00	10/18/17 12:07	10061-01-5	
m&p-Xylene	27.1 U	ug/kg	27.1	8.1	1	10/18/17 05:00	10/18/17 12:07	179601-23-1	
n-Butylbenzene	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 12:07	104-51-8	
n-Propylbenzene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 12:07	103-65-1	
o-Xylene	12.5 U	ug/kg	12.5	3.7	1	10/18/17 05:00	10/18/17 12:07	95-47-6	
p-Isopropyltoluene	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 12:07	99-87-6	
sec-Butylbenzene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 12:07	135-98-8	
tert-Butylbenzene	10.4 U	ug/kg	10.4	3.1	1	10/18/17 05:00	10/18/17 12:07	98-06-6	
trans-1,2-Dichloroethene	17.5 U	ug/kg	17.5	5.3	1	10/18/17 05:00	10/18/17 12:07	156-60-5	
trans-1,3-Dichloropropene	7.9 U	ug/kg	7.9	2.4	1	10/18/17 05:00	10/18/17 12:07	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	102	%	70-130		1	10/18/17 05:00	10/18/17 12:07	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1	10/18/17 05:00	10/18/17 12:07	2037-26-5	
4-Bromofluorobenzene (S)	90	%	70-130		1	10/18/17 05:00	10/18/17 12:07	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: S-171009-RF-03 Lab ID: 10406679003 Collected: 10/09/17 15:00 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	6.3	%	0.10	0.10	1		10/11/17 14:50		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.3 U	ug/kg	10.3	3.1	1	10/18/17 05:00	10/18/17 12:30	630-20-6	
1,1,1-Trichloroethane	17.8 U	ug/kg	17.8	5.3	1	10/18/17 05:00	10/18/17 12:30	71-55-6	
1,1,2,2-Tetrachloroethane	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 12:30	79-34-5	
1,1,2-Trichloroethane	12.7 U	ug/kg	12.7	3.8	1	10/18/17 05:00	10/18/17 12:30	79-00-5	
1,1,2-Trichlorotrifluoroethane	21.3 U	ug/kg	21.3	6.4	1	10/18/17 05:00	10/18/17 12:30	76-13-1	
1,1-Dichloroethane	15.1 U	ug/kg	15.1	4.5	1	10/18/17 05:00	10/18/17 12:30	75-34-3	
1,1-Dichloroethene	17.1 U	ug/kg	17.1	5.1	1	10/18/17 05:00	10/18/17 12:30	75-35-4	
1,1-Dichloropropene	17.5 U	ug/kg	17.5	5.3	1	10/18/17 05:00	10/18/17 12:30	563-58-6	
1,2,3-Trichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 12:30	87-61-6	
1,2,3-Trichloropropane	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 12:30	96-18-4	
1,2,4-Trichlorobenzene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 12:30	120-82-1	
1,2,4-Trimethylbenzene	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 12:30	95-63-6	
1,2-Dibromo-3-chloropropane	15.3 U	ug/kg	15.3	4.6	1	10/18/17 05:00	10/18/17 12:30	96-12-8	
1,2-Dibromoethane (EDB)	13.2 U	ug/kg	13.2	4.0	1	10/18/17 05:00	10/18/17 12:30	106-93-4	
1,2-Dichlorobenzene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 12:30	95-50-1	
1,2-Dichloroethane	17.0 U	ug/kg	17.0	5.1	1	10/18/17 05:00	10/18/17 12:30	107-06-2	
1,2-Dichloroethene (Total)	34.8 U	ug/kg	34.8	10.4	1	10/18/17 05:00	10/18/17 12:30	540-59-0	
1,2-Dichloropropane	10.5 U	ug/kg	10.5	3.2	1	10/18/17 05:00	10/18/17 12:30	78-87-5	
1,3,5-Trimethylbenzene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 12:30	108-67-8	
1,3-Dichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 12:30	541-73-1	
1,3-Dichloropropane	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 12:30	142-28-9	
1,4-Dichlorobenzene	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 12:30	106-46-7	
2,2-Dichloropropane	17.5 U	ug/kg	17.5	5.2	1	10/18/17 05:00	10/18/17 12:30	594-20-7	
2-Butanone (MEK)	15.3 U	ug/kg	15.3	4.6	1	10/18/17 05:00	10/18/17 12:30	78-93-3	
2-Chlorotoluene	10.8 U	ug/kg	10.8	3.2	1	10/18/17 05:00	10/18/17 12:30	95-49-8	
4-Chlorotoluene	12.5 U	ug/kg	12.5	3.7	1	10/18/17 05:00	10/18/17 12:30	106-43-4	
4-Methyl-2-pentanone (MIBK)	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 12:30	108-10-1	
Acetone	31.4 U	ug/kg	31.4	9.4	1	10/18/17 05:00	10/18/17 12:30	67-64-1	
Allyl chloride	17.2 U	ug/kg	17.2	5.2	1	10/18/17 05:00	10/18/17 12:30	107-05-1	
Benzene	15.5 U	ug/kg	15.5	4.6	1	10/18/17 05:00	10/18/17 12:30	71-43-2	
Bromobenzene	12.2 U	ug/kg	12.2	3.6	1	10/18/17 05:00	10/18/17 12:30	108-86-1	
Bromochloromethane	18.9 U	ug/kg	18.9	5.7	1	10/18/17 05:00	10/18/17 12:30	74-97-5	
Bromodichloromethane	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 12:30	75-27-4	
Bromoform	13.7 U	ug/kg	13.7	4.1	1	10/18/17 05:00	10/18/17 12:30	75-25-2	
Bromomethane	25.0 U	ug/kg	25.0	7.5	1	10/18/17 05:00	10/18/17 12:30	74-83-9	
Carbon tetrachloride	16.6 U	ug/kg	16.6	5.0	1	10/18/17 05:00	10/18/17 12:30	56-23-5	
Chlorobenzene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 12:30	108-90-7	
Chloroethane	14.5 U	ug/kg	14.5	4.3	1	10/18/17 05:00	10/18/17 12:30	75-00-3	
Chloroform	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 12:30	67-66-3	
Chloromethane	13.7 U	ug/kg	13.7	4.1	1	10/18/17 05:00	10/18/17 12:30	74-87-3	
Dibromochloromethane	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 12:30	124-48-1	
Dibromomethane	13.9 U	ug/kg	13.9	4.2	1	10/18/17 05:00	10/18/17 12:30	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171009-RF-03 Lab ID: 10406679003 Collected: 10/09/17 15:00 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	19.8 U	ug/kg	19.8	6.0	1	10/18/17 05:00	10/18/17 12:30	75-71-8	
Dichlorofluoromethane	16.2 U	ug/kg	16.2	4.9	1	10/18/17 05:00	10/18/17 12:30	75-43-4	
Diethyl ether (Ethyl ether)	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 12:30	60-29-7	
Ethylbenzene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 12:30	100-41-4	
Hexachloro-1,3-butadiene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 12:30	87-68-3	
Isopropylbenzene (Cumene)	13.0 U	ug/kg	13.0	3.9	1	10/18/17 05:00	10/18/17 12:30	98-82-8	
Methyl-tert-butyl ether	16.6 U	ug/kg	16.6	5.0	1	10/18/17 05:00	10/18/17 12:30	1634-04-4	
Methylene Chloride	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 12:30	75-09-2	
Naphthalene	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 12:30	91-20-3	
Styrene	13.6 U	ug/kg	13.6	4.1	1	10/18/17 05:00	10/18/17 12:30	100-42-5	
Tetrachloroethene	14.7 U	ug/kg	14.7	4.4	1	10/18/17 05:00	10/18/17 12:30	127-18-4	
Tetrahydrofuran	15.4 U	ug/kg	15.4	4.6	1	10/18/17 05:00	10/18/17 12:30	109-99-9	
Toluene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 12:30	108-88-3	
Trichloroethene	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 12:30	79-01-6	
Trichlorofluoromethane	19.3 U	ug/kg	19.3	5.8	1	10/18/17 05:00	10/18/17 12:30	75-69-4	
Vinyl chloride	15.0 U	ug/kg	15.0	4.5	1	10/18/17 05:00	10/18/17 12:30	75-01-4	
Xylene (Total)	39.5 U	ug/kg	39.5	11.8	1	10/18/17 05:00	10/18/17 12:30	1330-20-7	
cis-1,2-Dichloroethene	17.2 U	ug/kg	17.2	5.2	1	10/18/17 05:00	10/18/17 12:30	156-59-2	
cis-1,3-Dichloropropene	8.3 U	ug/kg	8.3	2.5	1	10/18/17 05:00	10/18/17 12:30	10061-01-5	
m&p-Xylene	27.0 U	ug/kg	27.0	8.1	1	10/18/17 05:00	10/18/17 12:30	179601-23-1	
n-Butylbenzene	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 12:30	104-51-8	
n-Propylbenzene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 12:30	103-65-1	
o-Xylene	12.5 U	ug/kg	12.5	3.7	1	10/18/17 05:00	10/18/17 12:30	95-47-6	
p-Isopropyltoluene	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 12:30	99-87-6	
sec-Butylbenzene	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 12:30	135-98-8	
tert-Butylbenzene	10.4 U	ug/kg	10.4	3.1	1	10/18/17 05:00	10/18/17 12:30	98-06-6	
trans-1,2-Dichloroethene	17.5 U	ug/kg	17.5	5.3	1	10/18/17 05:00	10/18/17 12:30	156-60-5	
trans-1,3-Dichloropropene	7.9 U	ug/kg	7.9	2.4	1	10/18/17 05:00	10/18/17 12:30	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105	%	70-130		1	10/18/17 05:00	10/18/17 12:30	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1	10/18/17 05:00	10/18/17 12:30	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1	10/18/17 05:00	10/18/17 12:30	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: S-171009-RF-04 Lab ID: 10406679004 Collected: 10/09/17 15:05 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	4.7	%	0.10	0.10	1		10/11/17 14:51		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	11.0 U	ug/kg	11.0	3.3	1	10/18/17 05:00	10/18/17 12:53	630-20-6	
1,1,1-Trichloroethane	18.9 U	ug/kg	18.9	5.7	1	10/18/17 05:00	10/18/17 12:53	71-55-6	
1,1,2,2-Tetrachloroethane	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 12:53	79-34-5	
1,1,2-Trichloroethane	13.5 U	ug/kg	13.5	4.0	1	10/18/17 05:00	10/18/17 12:53	79-00-5	
1,1,2-Trichlorotrifluoroethane	22.7 U	ug/kg	22.7	6.8	1	10/18/17 05:00	10/18/17 12:53	76-13-1	
1,1-Dichloroethane	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 12:53	75-34-3	
1,1-Dichloroethene	18.2 U	ug/kg	18.2	5.5	1	10/18/17 05:00	10/18/17 12:53	75-35-4	
1,1-Dichloropropene	18.7 U	ug/kg	18.7	5.6	1	10/18/17 05:00	10/18/17 12:53	563-58-6	
1,2,3-Trichlorobenzene	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 12:53	87-61-6	
1,2,3-Trichloropropane	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 12:53	96-18-4	
1,2,4-Trichlorobenzene	12.8 U	ug/kg	12.8	3.8	1	10/18/17 05:00	10/18/17 12:53	120-82-1	
1,2,4-Trimethylbenzene	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 12:53	95-63-6	
1,2-Dibromo-3-chloropropane	16.3 U	ug/kg	16.3	4.9	1	10/18/17 05:00	10/18/17 12:53	96-12-8	
1,2-Dibromoethane (EDB)	14.0 U	ug/kg	14.0	4.2	1	10/18/17 05:00	10/18/17 12:53	106-93-4	
1,2-Dichlorobenzene	12.5 U	ug/kg	12.5	3.7	1	10/18/17 05:00	10/18/17 12:53	95-50-1	
1,2-Dichloroethane	18.1 U	ug/kg	18.1	5.4	1	10/18/17 05:00	10/18/17 12:53	107-06-2	
1,2-Dichloroethene (Total)	37.0 U	ug/kg	37.0	11.1	1	10/18/17 05:00	10/18/17 12:53	540-59-0	
1,2-Dichloropropane	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 12:53	78-87-5	
1,3,5-Trimethylbenzene	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 12:53	108-67-8	
1,3-Dichlorobenzene	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 12:53	541-73-1	
1,3-Dichloropropane	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 12:53	142-28-9	
1,4-Dichlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 12:53	106-46-7	
2,2-Dichloropropane	18.6 U	ug/kg	18.6	5.6	1	10/18/17 05:00	10/18/17 12:53	594-20-7	
2-Butanone (MEK)	16.3 U	ug/kg	16.3	4.9	1	10/18/17 05:00	10/18/17 12:53	78-93-3	
2-Chlorotoluene	11.5 U	ug/kg	11.5	3.4	1	10/18/17 05:00	10/18/17 12:53	95-49-8	
4-Chlorotoluene	13.3 U	ug/kg	13.3	4.0	1	10/18/17 05:00	10/18/17 12:53	106-43-4	
4-Methyl-2-pentanone (MIBK)	11.4 U	ug/kg	11.4	3.4	1	10/18/17 05:00	10/18/17 12:53	108-10-1	
Acetone	33.4 U	ug/kg	33.4	10.0	1	10/18/17 05:00	10/18/17 12:53	67-64-1	
Allyl chloride	18.3 U	ug/kg	18.3	5.5	1	10/18/17 05:00	10/18/17 12:53	107-05-1	
Benzene	16.5 U	ug/kg	16.5	4.9	1	10/18/17 05:00	10/18/17 12:53	71-43-2	
Bromobenzene	12.9 U	ug/kg	12.9	3.9	1	10/18/17 05:00	10/18/17 12:53	108-86-1	
Bromochloromethane	20.1 U	ug/kg	20.1	6.0	1	10/18/17 05:00	10/18/17 12:53	74-97-5	
Bromodichloromethane	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 12:53	75-27-4	
Bromoform	14.6 U	ug/kg	14.6	4.4	1	10/18/17 05:00	10/18/17 12:53	75-25-2	
Bromomethane	26.6 U	ug/kg	26.6	8.0	1	10/18/17 05:00	10/18/17 12:53	74-83-9	
Carbon tetrachloride	17.7 U	ug/kg	17.7	5.3	1	10/18/17 05:00	10/18/17 12:53	56-23-5	
Chlorobenzene	12.7 U	ug/kg	12.7	3.8	1	10/18/17 05:00	10/18/17 12:53	108-90-7	
Chloroethane	15.4 U	ug/kg	15.4	4.6	1	10/18/17 05:00	10/18/17 12:53	75-00-3	
Chloroform	18.5 U	ug/kg	18.5	5.6	1	10/18/17 05:00	10/18/17 12:53	67-66-3	
Chloromethane	14.6 U	ug/kg	14.6	4.4	1	10/18/17 05:00	10/18/17 12:53	74-87-3	
Dibromochloromethane	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 12:53	124-48-1	
Dibromomethane	14.8 U	ug/kg	14.8	4.5	1	10/18/17 05:00	10/18/17 12:53	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171009-RF-04 **Lab ID: 10406679004** Collected: 10/09/17 15:05 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	21.1 U	ug/kg	21.1	6.3	1	10/18/17 05:00	10/18/17 12:53	75-71-8	
Dichlorofluoromethane	17.3 U	ug/kg	17.3	5.2	1	10/18/17 05:00	10/18/17 12:53	75-43-4	
Diethyl ether (Ethyl ether)	17.1 U	ug/kg	17.1	5.1	1	10/18/17 05:00	10/18/17 12:53	60-29-7	
Ethylbenzene	13.1 U	ug/kg	13.1	3.9	1	10/18/17 05:00	10/18/17 12:53	100-41-4	
Hexachloro-1,3-butadiene	13.2 U	ug/kg	13.2	4.0	1	10/18/17 05:00	10/18/17 12:53	87-68-3	
Isopropylbenzene (Cumene)	13.8 U	ug/kg	13.8	4.1	1	10/18/17 05:00	10/18/17 12:53	98-82-8	
Methyl-tert-butyl ether	17.6 U	ug/kg	17.6	5.3	1	10/18/17 05:00	10/18/17 12:53	1634-04-4	
Methylene Chloride	17.1 U	ug/kg	17.1	5.1	1	10/18/17 05:00	10/18/17 12:53	75-09-2	
Naphthalene	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 12:53	91-20-3	
Styrene	14.5 U	ug/kg	14.5	4.4	1	10/18/17 05:00	10/18/17 12:53	100-42-5	
Tetrachloroethene	15.7 U	ug/kg	15.7	4.7	1	10/18/17 05:00	10/18/17 12:53	127-18-4	
Tetrahydrofuran	16.4 U	ug/kg	16.4	4.9	1	10/18/17 05:00	10/18/17 12:53	109-99-9	
Toluene	12.5 U	ug/kg	12.5	3.7	1	10/18/17 05:00	10/18/17 12:53	108-88-3	
Trichloroethene	12.2 U	ug/kg	12.2	3.7	1	10/18/17 05:00	10/18/17 12:53	79-01-6	
Trichlorofluoromethane	20.5 U	ug/kg	20.5	6.1	1	10/18/17 05:00	10/18/17 12:53	75-69-4	
Vinyl chloride	15.9 U	ug/kg	15.9	4.8	1	10/18/17 05:00	10/18/17 12:53	75-01-4	
Xylene (Total)	42.0 U	ug/kg	42.0	12.6	1	10/18/17 05:00	10/18/17 12:53	1330-20-7	
cis-1,2-Dichloroethene	18.3 U	ug/kg	18.3	5.5	1	10/18/17 05:00	10/18/17 12:53	156-59-2	
cis-1,3-Dichloropropene	8.8 U	ug/kg	8.8	2.6	1	10/18/17 05:00	10/18/17 12:53	10061-01-5	
m&p-Xylene	28.8 U	ug/kg	28.8	8.6	1	10/18/17 05:00	10/18/17 12:53	179601-23-1	
n-Butylbenzene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 12:53	104-51-8	
n-Propylbenzene	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 12:53	103-65-1	
o-Xylene	13.3 U	ug/kg	13.3	4.0	1	10/18/17 05:00	10/18/17 12:53	95-47-6	
p-Isopropyltoluene	11.4 U	ug/kg	11.4	3.4	1	10/18/17 05:00	10/18/17 12:53	99-87-6	
sec-Butylbenzene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 12:53	135-98-8	
tert-Butylbenzene	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 12:53	98-06-6	
trans-1,2-Dichloroethene	18.6 U	ug/kg	18.6	5.6	1	10/18/17 05:00	10/18/17 12:53	156-60-5	
trans-1,3-Dichloropropene	8.4 U	ug/kg	8.4	2.5	1	10/18/17 05:00	10/18/17 12:53	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	106	%	70-130		1	10/18/17 05:00	10/18/17 12:53	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1	10/18/17 05:00	10/18/17 12:53	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1	10/18/17 05:00	10/18/17 12:53	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Lab Project No.: 10406679

Sample: S-171009-RF-05 Lab ID: 10406679005 Collected: 10/09/17 15:25 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	5.3	%	0.10	0.10	1		10/11/17 14:51		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.3 U	ug/kg	10.3	3.1	1	10/18/17 05:00	10/18/17 13:16	630-20-6	
1,1,1-Trichloroethane	17.7 U	ug/kg	17.7	5.3	1	10/18/17 05:00	10/18/17 13:16	71-55-6	
1,1,2,2-Tetrachloroethane	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 13:16	79-34-5	
1,1,2-Trichloroethane	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 13:16	79-00-5	
1,1,2-Trichlorotrifluoroethane	21.2 U	ug/kg	21.2	6.4	1	10/18/17 05:00	10/18/17 13:16	76-13-1	
1,1-Dichloroethane	15.1 U	ug/kg	15.1	4.5	1	10/18/17 05:00	10/18/17 13:16	75-34-3	
1,1-Dichloroethene	17.1 U	ug/kg	17.1	5.1	1	10/18/17 05:00	10/18/17 13:16	75-35-4	
1,1-Dichloropropene	17.5 U	ug/kg	17.5	5.2	1	10/18/17 05:00	10/18/17 13:16	563-58-6	
1,2,3-Trichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 13:16	87-61-6	
1,2,3-Trichloropropane	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 13:16	96-18-4	
1,2,4-Trichlorobenzene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 13:16	120-82-1	
1,2,4-Trimethylbenzene	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 13:16	95-63-6	
1,2-Dibromo-3-chloropropane	15.3 U	ug/kg	15.3	4.6	1	10/18/17 05:00	10/18/17 13:16	96-12-8	
1,2-Dibromoethane (EDB)	13.2 U	ug/kg	13.2	3.9	1	10/18/17 05:00	10/18/17 13:16	106-93-4	
1,2-Dichlorobenzene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 13:16	95-50-1	
1,2-Dichloroethane	17.0 U	ug/kg	17.0	5.1	1	10/18/17 05:00	10/18/17 13:16	107-06-2	
1,2-Dichloroethene (Total)	34.7 U	ug/kg	34.7	10.4	1	10/18/17 05:00	10/18/17 13:16	540-59-0	
1,2-Dichloropropane	10.5 U	ug/kg	10.5	3.1	1	10/18/17 05:00	10/18/17 13:16	78-87-5	
1,3,5-Trimethylbenzene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 13:16	108-67-8	
1,3-Dichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 13:16	541-73-1	
1,3-Dichloropropane	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 13:16	142-28-9	
1,4-Dichlorobenzene	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 13:16	106-46-7	
2,2-Dichloropropane	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 13:16	594-20-7	
2-Butanone (MEK)	15.3 U	ug/kg	15.3	4.6	1	10/18/17 05:00	10/18/17 13:16	78-93-3	
2-Chlorotoluene	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 13:16	95-49-8	
4-Chlorotoluene	12.5 U	ug/kg	12.5	3.7	1	10/18/17 05:00	10/18/17 13:16	106-43-4	
4-Methyl-2-pentanone (MIBK)	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 13:16	108-10-1	
Acetone	31.3 U	ug/kg	31.3	9.4	1	10/18/17 05:00	10/18/17 13:16	67-64-1	
Allyl chloride	17.2 U	ug/kg	17.2	5.1	1	10/18/17 05:00	10/18/17 13:16	107-05-1	
Benzene	15.4 U	ug/kg	15.4	4.6	1	10/18/17 05:00	10/18/17 13:16	71-43-2	
Bromobenzene	12.1 U	ug/kg	12.1	3.6	1	10/18/17 05:00	10/18/17 13:16	108-86-1	
Bromochloromethane	18.8 U	ug/kg	18.8	5.7	1	10/18/17 05:00	10/18/17 13:16	74-97-5	
Bromodichloromethane	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 13:16	75-27-4	
Bromoform	13.7 U	ug/kg	13.7	4.1	1	10/18/17 05:00	10/18/17 13:16	75-25-2	
Bromomethane	25.0 U	ug/kg	25.0	7.5	1	10/18/17 05:00	10/18/17 13:16	74-83-9	
Carbon tetrachloride	16.6 U	ug/kg	16.6	5.0	1	10/18/17 05:00	10/18/17 13:16	56-23-5	
Chlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 13:16	108-90-7	
Chloroethane	14.5 U	ug/kg	14.5	4.3	1	10/18/17 05:00	10/18/17 13:16	75-00-3	
Chloroform	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 13:16	67-66-3	
Chloromethane	13.7 U	ug/kg	13.7	4.1	1	10/18/17 05:00	10/18/17 13:16	74-87-3	
Dibromochloromethane	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 13:16	124-48-1	
Dibromomethane	13.9 U	ug/kg	13.9	4.2	1	10/18/17 05:00	10/18/17 13:16	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171009-RF-05 **Lab ID: 10406679005** Collected: 10/09/17 15:25 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	19.8 U	ug/kg	19.8	5.9	1	10/18/17 05:00	10/18/17 13:16	75-71-8	
Dichlorofluoromethane	16.2 U	ug/kg	16.2	4.9	1	10/18/17 05:00	10/18/17 13:16	75-43-4	
Diethyl ether (Ethyl ether)	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 13:16	60-29-7	
Ethylbenzene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 13:16	100-41-4	
Hexachloro-1,3-butadiene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 13:16	87-68-3	
Isopropylbenzene (Cumene)	13.0 U	ug/kg	13.0	3.9	1	10/18/17 05:00	10/18/17 13:16	98-82-8	
Methyl-tert-butyl ether	16.5 U	ug/kg	16.5	5.0	1	10/18/17 05:00	10/18/17 13:16	1634-04-4	
Methylene Chloride	16.0 U	ug/kg	16.0	4.8	1	10/18/17 05:00	10/18/17 13:16	75-09-2	
Naphthalene	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 13:16	91-20-3	
Styrene	13.6 U	ug/kg	13.6	4.1	1	10/18/17 05:00	10/18/17 13:16	100-42-5	
Tetrachloroethene	14.7 U	ug/kg	14.7	4.4	1	10/18/17 05:00	10/18/17 13:16	127-18-4	
Tetrahydrofuran	15.4 U	ug/kg	15.4	4.6	1	10/18/17 05:00	10/18/17 13:16	109-99-9	
Toluene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 13:16	108-88-3	
Trichloroethene	11.5 U	ug/kg	11.5	3.4	1	10/18/17 05:00	10/18/17 13:16	79-01-6	
Trichlorofluoromethane	19.2 U	ug/kg	19.2	5.8	1	10/18/17 05:00	10/18/17 13:16	75-69-4	
Vinyl chloride	14.9 U	ug/kg	14.9	4.5	1	10/18/17 05:00	10/18/17 13:16	75-01-4	
Xylene (Total)	39.4 U	ug/kg	39.4	11.8	1	10/18/17 05:00	10/18/17 13:16	1330-20-7	
cis-1,2-Dichloroethene	17.2 U	ug/kg	17.2	5.2	1	10/18/17 05:00	10/18/17 13:16	156-59-2	
cis-1,3-Dichloropropene	8.2 U	ug/kg	8.2	2.5	1	10/18/17 05:00	10/18/17 13:16	10061-01-5	
m&p-Xylene	27.0 U	ug/kg	27.0	8.1	1	10/18/17 05:00	10/18/17 13:16	179601-23-1	
n-Butylbenzene	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 13:16	104-51-8	
n-Propylbenzene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 13:16	103-65-1	
o-Xylene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 13:16	95-47-6	
p-Isopropyltoluene	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 13:16	99-87-6	
sec-Butylbenzene	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 13:16	135-98-8	
tert-Butylbenzene	10.4 U	ug/kg	10.4	3.1	1	10/18/17 05:00	10/18/17 13:16	98-06-6	
trans-1,2-Dichloroethene	17.5 U	ug/kg	17.5	5.2	1	10/18/17 05:00	10/18/17 13:16	156-60-5	
trans-1,3-Dichloropropene	7.9 U	ug/kg	7.9	2.4	1	10/18/17 05:00	10/18/17 13:16	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	70-130		1	10/18/17 05:00	10/18/17 13:16	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1	10/18/17 05:00	10/18/17 13:16	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		1	10/18/17 05:00	10/18/17 13:16	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: S-171009-RF-06 Lab ID: 10406679006 Collected: 10/09/17 15:45 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	7.2	%	0.10	0.10	1		10/11/17 14:51		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 13:39	630-20-6	
1,1,1-Trichloroethane	19.3 U	ug/kg	19.3	5.8	1	10/18/17 05:00	10/18/17 13:39	71-55-6	
1,1,2,2-Tetrachloroethane	12.2 U	ug/kg	12.2	3.7	1	10/18/17 05:00	10/18/17 13:39	79-34-5	
1,1,2-Trichloroethane	13.8 U	ug/kg	13.8	4.1	1	10/18/17 05:00	10/18/17 13:39	79-00-5	
1,1,2-Trichlorotrifluoroethane	23.1 U	ug/kg	23.1	6.9	1	10/18/17 05:00	10/18/17 13:39	76-13-1	
1,1-Dichloroethane	16.4 U	ug/kg	16.4	4.9	1	10/18/17 05:00	10/18/17 13:39	75-34-3	
1,1-Dichloroethene	18.6 U	ug/kg	18.6	5.6	1	10/18/17 05:00	10/18/17 13:39	75-35-4	
1,1-Dichloropropene	19.1 U	ug/kg	19.1	5.7	1	10/18/17 05:00	10/18/17 13:39	563-58-6	
1,2,3-Trichlorobenzene	12.9 U	ug/kg	12.9	3.9	1	10/18/17 05:00	10/18/17 13:39	87-61-6	
1,2,3-Trichloropropane	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 13:39	96-18-4	
1,2,4-Trichlorobenzene	13.1 U	ug/kg	13.1	3.9	1	10/18/17 05:00	10/18/17 13:39	120-82-1	
1,2,4-Trimethylbenzene	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 13:39	95-63-6	
1,2-Dibromo-3-chloropropane	16.6 U	ug/kg	16.6	5.0	1	10/18/17 05:00	10/18/17 13:39	96-12-8	
1,2-Dibromoethane (EDB)	14.3 U	ug/kg	14.3	4.3	1	10/18/17 05:00	10/18/17 13:39	106-93-4	
1,2-Dichlorobenzene	12.7 U	ug/kg	12.7	3.8	1	10/18/17 05:00	10/18/17 13:39	95-50-1	
1,2-Dichloroethane	18.5 U	ug/kg	18.5	5.5	1	10/18/17 05:00	10/18/17 13:39	107-06-2	
1,2-Dichloroethene (Total)	37.8 U	ug/kg	37.8	11.3	1	10/18/17 05:00	10/18/17 13:39	540-59-0	
1,2-Dichloropropane	11.4 U	ug/kg	11.4	3.4	1	10/18/17 05:00	10/18/17 13:39	78-87-5	
1,3,5-Trimethylbenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 13:39	108-67-8	
1,3-Dichlorobenzene	12.9 U	ug/kg	12.9	3.9	1	10/18/17 05:00	10/18/17 13:39	541-73-1	
1,3-Dichloropropane	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 13:39	142-28-9	
1,4-Dichlorobenzene	12.2 U	ug/kg	12.2	3.7	1	10/18/17 05:00	10/18/17 13:39	106-46-7	
2,2-Dichloropropane	19.0 U	ug/kg	19.0	5.7	1	10/18/17 05:00	10/18/17 13:39	594-20-7	
2-Butanone (MEK)	16.6 U	ug/kg	16.6	5.0	1	10/18/17 05:00	10/18/17 13:39	78-93-3	
2-Chlorotoluene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 13:39	95-49-8	
4-Chlorotoluene	13.6 U	ug/kg	13.6	4.1	1	10/18/17 05:00	10/18/17 13:39	106-43-4	
4-Methyl-2-pentanone (MIBK)	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 13:39	108-10-1	
Acetone	34.1 U	ug/kg	34.1	10.2	1	10/18/17 05:00	10/18/17 13:39	67-64-1	
Allyl chloride	18.7 U	ug/kg	18.7	5.6	1	10/18/17 05:00	10/18/17 13:39	107-05-1	
Benzene	16.8 U	ug/kg	16.8	5.0	1	10/18/17 05:00	10/18/17 13:39	71-43-2	
Bromobenzene	13.2 U	ug/kg	13.2	4.0	1	10/18/17 05:00	10/18/17 13:39	108-86-1	
Bromochloromethane	20.5 U	ug/kg	20.5	6.2	1	10/18/17 05:00	10/18/17 13:39	74-97-5	
Bromodichloromethane	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 13:39	75-27-4	
Bromoform	14.9 U	ug/kg	14.9	4.5	1	10/18/17 05:00	10/18/17 13:39	75-25-2	
Bromomethane	27.2 U	ug/kg	27.2	8.2	1	10/18/17 05:00	10/18/17 13:39	74-83-9	
Carbon tetrachloride	18.1 U	ug/kg	18.1	5.4	1	10/18/17 05:00	10/18/17 13:39	56-23-5	
Chlorobenzene	13.0 U	ug/kg	13.0	3.9	1	10/18/17 05:00	10/18/17 13:39	108-90-7	
Chloroethane	15.7 U	ug/kg	15.7	4.7	1	10/18/17 05:00	10/18/17 13:39	75-00-3	
Chloroform	18.9 U	ug/kg	18.9	5.7	1	10/18/17 05:00	10/18/17 13:39	67-66-3	
Chloromethane	14.9 U	ug/kg	14.9	4.5	1	10/18/17 05:00	10/18/17 13:39	74-87-3	
Dibromochloromethane	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 13:39	124-48-1	
Dibromomethane	15.2 U	ug/kg	15.2	4.5	1	10/18/17 05:00	10/18/17 13:39	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171009-RF-06 **Lab ID: 10406679006** Collected: 10/09/17 15:45 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	21.6 U	ug/kg	21.6	6.5	1	10/18/17 05:00	10/18/17 13:39	75-71-8	
Dichlorofluoromethane	17.6 U	ug/kg	17.6	5.3	1	10/18/17 05:00	10/18/17 13:39	75-43-4	
Diethyl ether (Ethyl ether)	17.5 U	ug/kg	17.5	5.2	1	10/18/17 05:00	10/18/17 13:39	60-29-7	
Ethylbenzene	13.4 U	ug/kg	13.4	4.0	1	10/18/17 05:00	10/18/17 13:39	100-41-4	
Hexachloro-1,3-butadiene	13.5 U	ug/kg	13.5	4.1	1	10/18/17 05:00	10/18/17 13:39	87-68-3	
Isopropylbenzene (Cumene)	14.1 U	ug/kg	14.1	4.2	1	10/18/17 05:00	10/18/17 13:39	98-82-8	
Methyl-tert-butyl ether	18.0 U	ug/kg	18.0	5.4	1	10/18/17 05:00	10/18/17 13:39	1634-04-4	
Methylene Chloride	17.5 U	ug/kg	17.5	5.2	1	10/18/17 05:00	10/18/17 13:39	75-09-2	
Naphthalene	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 13:39	91-20-3	
Styrene	14.8 U	ug/kg	14.8	4.4	1	10/18/17 05:00	10/18/17 13:39	100-42-5	
Tetrachloroethene	16.0 U	ug/kg	16.0	4.8	1	10/18/17 05:00	10/18/17 13:39	127-18-4	
Tetrahydrofuran	16.7 U	ug/kg	16.7	5.0	1	10/18/17 05:00	10/18/17 13:39	109-99-9	
Toluene	12.7 U	ug/kg	12.7	3.8	1	10/18/17 05:00	10/18/17 13:39	108-88-3	
Trichloroethene	12.5 U	ug/kg	12.5	3.7	1	10/18/17 05:00	10/18/17 13:39	79-01-6	
Trichlorofluoromethane	20.9 U	ug/kg	20.9	6.3	1	10/18/17 05:00	10/18/17 13:39	75-69-4	
Vinyl chloride	16.3 U	ug/kg	16.3	4.9	1	10/18/17 05:00	10/18/17 13:39	75-01-4	
Xylene (Total)	42.9 U	ug/kg	42.9	12.9	1	10/18/17 05:00	10/18/17 13:39	1330-20-7	
cis-1,2-Dichloroethene	18.7 U	ug/kg	18.7	5.6	1	10/18/17 05:00	10/18/17 13:39	156-59-2	
cis-1,3-Dichloropropene	9.0 U	ug/kg	9.0	2.7	1	10/18/17 05:00	10/18/17 13:39	10061-01-5	
m&p-Xylene	29.4 U	ug/kg	29.4	8.8	1	10/18/17 05:00	10/18/17 13:39	179601-23-1	
n-Butylbenzene	12.2 U	ug/kg	12.2	3.7	1	10/18/17 05:00	10/18/17 13:39	104-51-8	
n-Propylbenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 13:39	103-65-1	
o-Xylene	13.5 U	ug/kg	13.5	4.1	1	10/18/17 05:00	10/18/17 13:39	95-47-6	
p-Isopropyltoluene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 13:39	99-87-6	
sec-Butylbenzene	12.7 U	ug/kg	12.7	3.8	1	10/18/17 05:00	10/18/17 13:39	135-98-8	
tert-Butylbenzene	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 13:39	98-06-6	
trans-1,2-Dichloroethene	19.0 U	ug/kg	19.0	5.7	1	10/18/17 05:00	10/18/17 13:39	156-60-5	
trans-1,3-Dichloropropene	8.6 U	ug/kg	8.6	2.6	1	10/18/17 05:00	10/18/17 13:39	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	103	%	70-130		1	10/18/17 05:00	10/18/17 13:39	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1	10/18/17 05:00	10/18/17 13:39	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1	10/18/17 05:00	10/18/17 13:39	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: S-171009-RF-07 Lab ID: 10406679007 Collected: 10/09/17 16:15 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	8.2	%	0.10	0.10	1		10/11/17 14:51		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.8 U	ug/kg	10.8	3.2	1	10/18/17 05:00	10/18/17 14:02	630-20-6	
1,1,1-Trichloroethane	18.7 U	ug/kg	18.7	5.6	1	10/18/17 05:00	10/18/17 14:02	71-55-6	
1,1,2,2-Tetrachloroethane	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 14:02	79-34-5	
1,1,2-Trichloroethane	13.3 U	ug/kg	13.3	4.0	1	10/18/17 05:00	10/18/17 14:02	79-00-5	
1,1,2-Trichlorotrifluoroethane	22.4 U	ug/kg	22.4	6.7	1	10/18/17 05:00	10/18/17 14:02	76-13-1	
1,1-Dichloroethane	15.8 U	ug/kg	15.8	4.8	1	10/18/17 05:00	10/18/17 14:02	75-34-3	
1,1-Dichloroethene	18.0 U	ug/kg	18.0	5.4	1	10/18/17 05:00	10/18/17 14:02	75-35-4	
1,1-Dichloropropene	18.4 U	ug/kg	18.4	5.5	1	10/18/17 05:00	10/18/17 14:02	563-58-6	
1,2,3-Trichlorobenzene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 14:02	87-61-6	
1,2,3-Trichloropropane	12.1 U	ug/kg	12.1	3.6	1	10/18/17 05:00	10/18/17 14:02	96-18-4	
1,2,4-Trichlorobenzene	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 14:02	120-82-1	
1,2,4-Trimethylbenzene	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 14:02	95-63-6	
1,2-Dibromo-3-chloropropane	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 14:02	96-12-8	
1,2-Dibromoethane (EDB)	13.9 U	ug/kg	13.9	4.2	1	10/18/17 05:00	10/18/17 14:02	106-93-4	
1,2-Dichlorobenzene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 14:02	95-50-1	
1,2-Dichloroethane	17.9 U	ug/kg	17.9	5.4	1	10/18/17 05:00	10/18/17 14:02	107-06-2	
1,2-Dichloroethene (Total)	36.5 U	ug/kg	36.5	10.9	1	10/18/17 05:00	10/18/17 14:02	540-59-0	
1,2-Dichloropropane	11.0 U	ug/kg	11.0	3.3	1	10/18/17 05:00	10/18/17 14:02	78-87-5	
1,3,5-Trimethylbenzene	11.5 U	ug/kg	11.5	3.4	1	10/18/17 05:00	10/18/17 14:02	108-67-8	
1,3-Dichlorobenzene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 14:02	541-73-1	
1,3-Dichloropropane	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 14:02	142-28-9	
1,4-Dichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 14:02	106-46-7	
2,2-Dichloropropane	18.3 U	ug/kg	18.3	5.5	1	10/18/17 05:00	10/18/17 14:02	594-20-7	
2-Butanone (MEK)	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 14:02	78-93-3	
2-Chlorotoluene	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 14:02	95-49-8	
4-Chlorotoluene	13.1 U	ug/kg	13.1	3.9	1	10/18/17 05:00	10/18/17 14:02	106-43-4	
4-Methyl-2-pentanone (MIBK)	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 14:02	108-10-1	
Acetone	33.0 U	ug/kg	33.0	9.9	1	10/18/17 05:00	10/18/17 14:02	67-64-1	
Allyl chloride	18.1 U	ug/kg	18.1	5.4	1	10/18/17 05:00	10/18/17 14:02	107-05-1	
Benzene	16.2 U	ug/kg	16.2	4.9	1	10/18/17 05:00	10/18/17 14:02	71-43-2	
Bromobenzene	12.8 U	ug/kg	12.8	3.8	1	10/18/17 05:00	10/18/17 14:02	108-86-1	
Bromochloromethane	19.8 U	ug/kg	19.8	6.0	1	10/18/17 05:00	10/18/17 14:02	74-97-5	
Bromodichloromethane	11.5 U	ug/kg	11.5	3.4	1	10/18/17 05:00	10/18/17 14:02	75-27-4	
Bromoform	14.4 U	ug/kg	14.4	4.3	1	10/18/17 05:00	10/18/17 14:02	75-25-2	
Bromomethane	26.3 U	ug/kg	26.3	7.9	1	10/18/17 05:00	10/18/17 14:02	74-83-9	
Carbon tetrachloride	17.5 U	ug/kg	17.5	5.2	1	10/18/17 05:00	10/18/17 14:02	56-23-5	
Chlorobenzene	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 14:02	108-90-7	
Chloroethane	15.2 U	ug/kg	15.2	4.6	1	10/18/17 05:00	10/18/17 14:02	75-00-3	
Chloroform	18.3 U	ug/kg	18.3	5.5	1	10/18/17 05:00	10/18/17 14:02	67-66-3	
Chloromethane	14.4 U	ug/kg	14.4	4.3	1	10/18/17 05:00	10/18/17 14:02	74-87-3	
Dibromochloromethane	11.2 U	ug/kg	11.2	3.3	1	10/18/17 05:00	10/18/17 14:02	124-48-1	
Dibromomethane	14.6 U	ug/kg	14.6	4.4	1	10/18/17 05:00	10/18/17 14:02	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171009-RF-07 **Lab ID: 10406679007** Collected: 10/09/17 16:15 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	20.8 U	ug/kg	20.8	6.3	1	10/18/17 05:00	10/18/17 14:02	75-71-8	
Dichlorofluoromethane	17.1 U	ug/kg	17.1	5.1	1	10/18/17 05:00	10/18/17 14:02	75-43-4	
Diethyl ether (Ethyl ether)	16.9 U	ug/kg	16.9	5.1	1	10/18/17 05:00	10/18/17 14:02	60-29-7	
Ethylbenzene	12.9 U	ug/kg	12.9	3.9	1	10/18/17 05:00	10/18/17 14:02	100-41-4	
Hexachloro-1,3-butadiene	13.1 U	ug/kg	13.1	3.9	1	10/18/17 05:00	10/18/17 14:02	87-68-3	
Isopropylbenzene (Cumene)	13.6 U	ug/kg	13.6	4.1	1	10/18/17 05:00	10/18/17 14:02	98-82-8	
Methyl-tert-butyl ether	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 14:02	1634-04-4	
Methylene Chloride	16.9 U	ug/kg	16.9	5.0	1	10/18/17 05:00	10/18/17 14:02	75-09-2	
Naphthalene	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 14:02	91-20-3	
Styrene	14.3 U	ug/kg	14.3	4.3	1	10/18/17 05:00	10/18/17 14:02	100-42-5	
Tetrachloroethene	15.5 U	ug/kg	15.5	4.6	1	10/18/17 05:00	10/18/17 14:02	127-18-4	
Tetrahydrofuran	16.2 U	ug/kg	16.2	4.9	1	10/18/17 05:00	10/18/17 14:02	109-99-9	
Toluene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 14:02	108-88-3	
Trichloroethene	12.1 U	ug/kg	12.1	3.6	1	10/18/17 05:00	10/18/17 14:02	79-01-6	
Trichlorofluoromethane	20.2 U	ug/kg	20.2	6.1	1	10/18/17 05:00	10/18/17 14:02	75-69-4	
Vinyl chloride	15.7 U	ug/kg	15.7	4.7	1	10/18/17 05:00	10/18/17 14:02	75-01-4	
Xylene (Total)	41.5 U	ug/kg	41.5	12.4	1	10/18/17 05:00	10/18/17 14:02	1330-20-7	
cis-1,2-Dichloroethene	18.1 U	ug/kg	18.1	5.4	1	10/18/17 05:00	10/18/17 14:02	156-59-2	
cis-1,3-Dichloropropene	8.7 U	ug/kg	8.7	2.6	1	10/18/17 05:00	10/18/17 14:02	10061-01-5	
m&p-Xylene	28.4 U	ug/kg	28.4	8.5	1	10/18/17 05:00	10/18/17 14:02	179601-23-1	
n-Butylbenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 14:02	104-51-8	
n-Propylbenzene	11.5 U	ug/kg	11.5	3.4	1	10/18/17 05:00	10/18/17 14:02	103-65-1	
o-Xylene	13.1 U	ug/kg	13.1	3.9	1	10/18/17 05:00	10/18/17 14:02	95-47-6	
p-Isopropyltoluene	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 14:02	99-87-6	
sec-Butylbenzene	12.2 U	ug/kg	12.2	3.7	1	10/18/17 05:00	10/18/17 14:02	135-98-8	
tert-Butylbenzene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 14:02	98-06-6	
trans-1,2-Dichloroethene	18.4 U	ug/kg	18.4	5.5	1	10/18/17 05:00	10/18/17 14:02	156-60-5	
trans-1,3-Dichloropropene	8.3 U	ug/kg	8.3	2.5	1	10/18/17 05:00	10/18/17 14:02	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	110	%	70-130		1	10/18/17 05:00	10/18/17 14:02	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1	10/18/17 05:00	10/18/17 14:02	2037-26-5	
4-Bromofluorobenzene (S)	90	%	70-130		1	10/18/17 05:00	10/18/17 14:02	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: **S-171009-RF-08** Lab ID: **10406679008** Collected: 10/09/17 16:20 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	4.5	%	0.10	0.10	1		10/11/17 14:51		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.2 U	ug/kg	10.2	3.1	1	10/18/17 05:00	10/18/17 14:24	630-20-6	
1,1,1-Trichloroethane	17.6 U	ug/kg	17.6	5.3	1	10/18/17 05:00	10/18/17 14:24	71-55-6	
1,1,2,2-Tetrachloroethane	11.2 U	ug/kg	11.2	3.3	1	10/18/17 05:00	10/18/17 14:24	79-34-5	
1,1,2-Trichloroethane	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 14:24	79-00-5	
1,1,2-Trichlorotrifluoroethane	21.1 U	ug/kg	21.1	6.3	1	10/18/17 05:00	10/18/17 14:24	76-13-1	
1,1-Dichloroethane	15.0 U	ug/kg	15.0	4.5	1	10/18/17 05:00	10/18/17 14:24	75-34-3	
1,1-Dichloroethene	17.0 U	ug/kg	17.0	5.1	1	10/18/17 05:00	10/18/17 14:24	75-35-4	
1,1-Dichloropropene	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 14:24	563-58-6	
1,2,3-Trichlorobenzene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 14:24	87-61-6	
1,2,3-Trichloropropane	11.5 U	ug/kg	11.5	3.4	1	10/18/17 05:00	10/18/17 14:24	96-18-4	
1,2,4-Trichlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 14:24	120-82-1	
1,2,4-Trimethylbenzene	10.5 U	ug/kg	10.5	3.2	1	10/18/17 05:00	10/18/17 14:24	95-63-6	
1,2-Dibromo-3-chloropropane	15.2 U	ug/kg	15.2	4.6	1	10/18/17 05:00	10/18/17 14:24	96-12-8	
1,2-Dibromoethane (EDB)	13.1 U	ug/kg	13.1	3.9	1	10/18/17 05:00	10/18/17 14:24	106-93-4	
1,2-Dichlorobenzene	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 14:24	95-50-1	
1,2-Dichloroethane	16.9 U	ug/kg	16.9	5.1	1	10/18/17 05:00	10/18/17 14:24	107-06-2	
1,2-Dichloroethene (Total)	34.5 U	ug/kg	34.5	10.3	1	10/18/17 05:00	10/18/17 14:24	540-59-0	
1,2-Dichloropropane	10.4 U	ug/kg	10.4	3.1	1	10/18/17 05:00	10/18/17 14:24	78-87-5	
1,3,5-Trimethylbenzene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 14:24	108-67-8	
1,3-Dichlorobenzene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 14:24	541-73-1	
1,3-Dichloropropane	10.5 U	ug/kg	10.5	3.2	1	10/18/17 05:00	10/18/17 14:24	142-28-9	
1,4-Dichlorobenzene	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 14:24	106-46-7	
2,2-Dichloropropane	17.3 U	ug/kg	17.3	5.2	1	10/18/17 05:00	10/18/17 14:24	594-20-7	
2-Butanone (MEK)	15.2 U	ug/kg	15.2	4.6	1	10/18/17 05:00	10/18/17 14:24	78-93-3	
2-Chlorotoluene	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 14:24	95-49-8	
4-Chlorotoluene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 14:24	106-43-4	
4-Methyl-2-pentanone (MIBK)	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 14:24	108-10-1	
Acetone	31.1 U	ug/kg	31.1	9.3	1	10/18/17 05:00	10/18/17 14:24	67-64-1	
Allyl chloride	17.1 U	ug/kg	17.1	5.1	1	10/18/17 05:00	10/18/17 14:24	107-05-1	
Benzene	15.4 U	ug/kg	15.4	4.6	1	10/18/17 05:00	10/18/17 14:24	71-43-2	
Bromobenzene	12.1 U	ug/kg	12.1	3.6	1	10/18/17 05:00	10/18/17 14:24	108-86-1	
Bromochloromethane	18.8 U	ug/kg	18.8	5.6	1	10/18/17 05:00	10/18/17 14:24	74-97-5	
Bromodichloromethane	10.8 U	ug/kg	10.8	3.3	1	10/18/17 05:00	10/18/17 14:24	75-27-4	
Bromoform	13.6 U	ug/kg	13.6	4.1	1	10/18/17 05:00	10/18/17 14:24	75-25-2	
Bromomethane	24.8 U	ug/kg	24.8	7.4	1	10/18/17 05:00	10/18/17 14:24	74-83-9	
Carbon tetrachloride	16.5 U	ug/kg	16.5	5.0	1	10/18/17 05:00	10/18/17 14:24	56-23-5	
Chlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 14:24	108-90-7	
Chloroethane	14.4 U	ug/kg	14.4	4.3	1	10/18/17 05:00	10/18/17 14:24	75-00-3	
Chloroform	17.3 U	ug/kg	17.3	5.2	1	10/18/17 05:00	10/18/17 14:24	67-66-3	
Chloromethane	13.6 U	ug/kg	13.6	4.1	1	10/18/17 05:00	10/18/17 14:24	74-87-3	
Dibromochloromethane	10.5 U	ug/kg	10.5	3.2	1	10/18/17 05:00	10/18/17 14:24	124-48-1	
Dibromomethane	13.8 U	ug/kg	13.8	4.2	1	10/18/17 05:00	10/18/17 14:24	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171009-RF-08 **Lab ID: 10406679008** Collected: 10/09/17 16:20 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	19.7 U	ug/kg	19.7	5.9	1	10/18/17 05:00	10/18/17 14:24	75-71-8	
Dichlorofluoromethane	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 14:24	75-43-4	
Diethyl ether (Ethyl ether)	16.0 U	ug/kg	16.0	4.8	1	10/18/17 05:00	10/18/17 14:24	60-29-7	
Ethylbenzene	12.2 U	ug/kg	12.2	3.7	1	10/18/17 05:00	10/18/17 14:24	100-41-4	
Hexachloro-1,3-butadiene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 14:24	87-68-3	
Isopropylbenzene (Cumene)	12.9 U	ug/kg	12.9	3.9	1	10/18/17 05:00	10/18/17 14:24	98-82-8	
Methyl-tert-butyl ether	16.4 U	ug/kg	16.4	4.9	1	10/18/17 05:00	10/18/17 14:24	1634-04-4	
Methylene Chloride	15.9 U	ug/kg	15.9	4.8	1	10/18/17 05:00	10/18/17 14:24	75-09-2	
Naphthalene	10.5 U	ug/kg	10.5	3.2	1	10/18/17 05:00	10/18/17 14:24	91-20-3	
Styrene	13.5 U	ug/kg	13.5	4.1	1	10/18/17 05:00	10/18/17 14:24	100-42-5	
Tetrachloroethene	14.6 U	ug/kg	14.6	4.4	1	10/18/17 05:00	10/18/17 14:24	127-18-4	
Tetrahydrofuran	15.3 U	ug/kg	15.3	4.6	1	10/18/17 05:00	10/18/17 14:24	109-99-9	
Toluene	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 14:24	108-88-3	
Trichloroethene	11.4 U	ug/kg	11.4	3.4	1	10/18/17 05:00	10/18/17 14:24	79-01-6	
Trichlorofluoromethane	19.1 U	ug/kg	19.1	5.7	1	10/18/17 05:00	10/18/17 14:24	75-69-4	
Vinyl chloride	14.9 U	ug/kg	14.9	4.5	1	10/18/17 05:00	10/18/17 14:24	75-01-4	
Xylene (Total)	39.2 U	ug/kg	39.2	11.8	1	10/18/17 05:00	10/18/17 14:24	1330-20-7	
cis-1,2-Dichloroethene	17.1 U	ug/kg	17.1	5.1	1	10/18/17 05:00	10/18/17 14:24	156-59-2	
cis-1,3-Dichloropropene	8.2 U	ug/kg	8.2	2.5	1	10/18/17 05:00	10/18/17 14:24	10061-01-5	
m&p-Xylene	26.8 U	ug/kg	26.8	8.0	1	10/18/17 05:00	10/18/17 14:24	179601-23-1	
n-Butylbenzene	11.2 U	ug/kg	11.2	3.3	1	10/18/17 05:00	10/18/17 14:24	104-51-8	
n-Propylbenzene	10.8 U	ug/kg	10.8	3.3	1	10/18/17 05:00	10/18/17 14:24	103-65-1	
o-Xylene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 14:24	95-47-6	
p-Isopropyltoluene	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 14:24	99-87-6	
sec-Butylbenzene	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 14:24	135-98-8	
tert-Butylbenzene	10.3 U	ug/kg	10.3	3.1	1	10/18/17 05:00	10/18/17 14:24	98-06-6	
trans-1,2-Dichloroethene	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 14:24	156-60-5	
trans-1,3-Dichloropropene	7.8 U	ug/kg	7.8	2.3	1	10/18/17 05:00	10/18/17 14:24	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105	%	70-130		1	10/18/17 05:00	10/18/17 14:24	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1	10/18/17 05:00	10/18/17 14:24	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1	10/18/17 05:00	10/18/17 14:24	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Lab Project No.: 10406679

Sample: S-171009-RF-09 **Lab ID: 10406679009** Collected: 10/09/17 16:50 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	4.9	%	0.10	0.10	1		10/11/17 14:52		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.3 U	ug/kg	10.3	3.1	1	10/18/17 05:00	10/18/17 14:47	630-20-6	
1,1,1-Trichloroethane	17.7 U	ug/kg	17.7	5.3	1	10/18/17 05:00	10/18/17 14:47	71-55-6	
1,1,2,2-Tetrachloroethane	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 14:47	79-34-5	
1,1,2-Trichloroethane	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 14:47	79-00-5	
1,1,2-Trichlorotrifluoroethane	21.2 U	ug/kg	21.2	6.4	1	10/18/17 05:00	10/18/17 14:47	76-13-1	
1,1-Dichloroethane	15.0 U	ug/kg	15.0	4.5	1	10/18/17 05:00	10/18/17 14:47	75-34-3	
1,1-Dichloroethene	17.0 U	ug/kg	17.0	5.1	1	10/18/17 05:00	10/18/17 14:47	75-35-4	
1,1-Dichloropropene	17.5 U	ug/kg	17.5	5.2	1	10/18/17 05:00	10/18/17 14:47	563-58-6	
1,2,3-Trichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 14:47	87-61-6	
1,2,3-Trichloropropane	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 14:47	96-18-4	
1,2,4-Trichlorobenzene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 14:47	120-82-1	
1,2,4-Trimethylbenzene	10.5 U	ug/kg	10.5	3.2	1	10/18/17 05:00	10/18/17 14:47	95-63-6	
1,2-Dibromo-3-chloropropane	15.3 U	ug/kg	15.3	4.6	1	10/18/17 05:00	10/18/17 14:47	96-12-8	
1,2-Dibromoethane (EDB)	13.1 U	ug/kg	13.1	3.9	1	10/18/17 05:00	10/18/17 14:47	106-93-4	
1,2-Dichlorobenzene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 14:47	95-50-1	
1,2-Dichloroethane	16.9 U	ug/kg	16.9	5.1	1	10/18/17 05:00	10/18/17 14:47	107-06-2	
1,2-Dichloroethene (Total)	34.6 U	ug/kg	34.6	10.4	1	10/18/17 05:00	10/18/17 14:47	540-59-0	
1,2-Dichloropropane	10.5 U	ug/kg	10.5	3.1	1	10/18/17 05:00	10/18/17 14:47	78-87-5	
1,3,5-Trimethylbenzene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 14:47	108-67-8	
1,3-Dichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 14:47	541-73-1	
1,3-Dichloropropane	10.5 U	ug/kg	10.5	3.2	1	10/18/17 05:00	10/18/17 14:47	142-28-9	
1,4-Dichlorobenzene	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 14:47	106-46-7	
2,2-Dichloropropane	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 14:47	594-20-7	
2-Butanone (MEK)	15.3 U	ug/kg	15.3	4.6	1	10/18/17 05:00	10/18/17 14:47	78-93-3	
2-Chlorotoluene	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 14:47	95-49-8	
4-Chlorotoluene	12.5 U	ug/kg	12.5	3.7	1	10/18/17 05:00	10/18/17 14:47	106-43-4	
4-Methyl-2-pentanone (MIBK)	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 14:47	108-10-1	
Acetone	31.3 U	ug/kg	31.3	9.4	1	10/18/17 05:00	10/18/17 14:47	67-64-1	
Allyl chloride	17.1 U	ug/kg	17.1	5.1	1	10/18/17 05:00	10/18/17 14:47	107-05-1	
Benzene	15.4 U	ug/kg	15.4	4.6	1	10/18/17 05:00	10/18/17 14:47	71-43-2	
Bromobenzene	12.1 U	ug/kg	12.1	3.6	1	10/18/17 05:00	10/18/17 14:47	108-86-1	
Bromochloromethane	18.8 U	ug/kg	18.8	5.6	1	10/18/17 05:00	10/18/17 14:47	74-97-5	
Bromodichloromethane	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 14:47	75-27-4	
Bromoform	13.7 U	ug/kg	13.7	4.1	1	10/18/17 05:00	10/18/17 14:47	75-25-2	
Bromomethane	24.9 U	ug/kg	24.9	7.5	1	10/18/17 05:00	10/18/17 14:47	74-83-9	
Carbon tetrachloride	16.6 U	ug/kg	16.6	5.0	1	10/18/17 05:00	10/18/17 14:47	56-23-5	
Chlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 14:47	108-90-7	
Chloroethane	14.4 U	ug/kg	14.4	4.3	1	10/18/17 05:00	10/18/17 14:47	75-00-3	
Chloroform	17.3 U	ug/kg	17.3	5.2	1	10/18/17 05:00	10/18/17 14:47	67-66-3	
Chloromethane	13.7 U	ug/kg	13.7	4.1	1	10/18/17 05:00	10/18/17 14:47	74-87-3	
Dibromochloromethane	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 14:47	124-48-1	
Dibromomethane	13.9 U	ug/kg	13.9	4.2	1	10/18/17 05:00	10/18/17 14:47	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171009-RF-09 **Lab ID: 10406679009** Collected: 10/09/17 16:50 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	19.8 U	ug/kg	19.8	5.9	1	10/18/17 05:00	10/18/17 14:47	75-71-8	
Dichlorofluoromethane	16.2 U	ug/kg	16.2	4.9	1	10/18/17 05:00	10/18/17 14:47	75-43-4	
Diethyl ether (Ethyl ether)	16.0 U	ug/kg	16.0	4.8	1	10/18/17 05:00	10/18/17 14:47	60-29-7	
Ethylbenzene	12.2 U	ug/kg	12.2	3.7	1	10/18/17 05:00	10/18/17 14:47	100-41-4	
Hexachloro-1,3-butadiene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 14:47	87-68-3	
Isopropylbenzene (Cumene)	12.9 U	ug/kg	12.9	3.9	1	10/18/17 05:00	10/18/17 14:47	98-82-8	
Methyl-tert-butyl ether	16.5 U	ug/kg	16.5	5.0	1	10/18/17 05:00	10/18/17 14:47	1634-04-4	
Methylene Chloride	16.0 U	ug/kg	16.0	4.8	1	10/18/17 05:00	10/18/17 14:47	75-09-2	
Naphthalene	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 14:47	91-20-3	
Styrene	13.6 U	ug/kg	13.6	4.1	1	10/18/17 05:00	10/18/17 14:47	100-42-5	
Tetrachloroethene	14.7 U	ug/kg	14.7	4.4	1	10/18/17 05:00	10/18/17 14:47	127-18-4	
Tetrahydrofuran	15.4 U	ug/kg	15.4	4.6	1	10/18/17 05:00	10/18/17 14:47	109-99-9	
Toluene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 14:47	108-88-3	
Trichloroethene	11.5 U	ug/kg	11.5	3.4	1	10/18/17 05:00	10/18/17 14:47	79-01-6	
Trichlorofluoromethane	19.2 U	ug/kg	19.2	5.8	1	10/18/17 05:00	10/18/17 14:47	75-69-4	
Vinyl chloride	14.9 U	ug/kg	14.9	4.5	1	10/18/17 05:00	10/18/17 14:47	75-01-4	
Xylene (Total)	39.3 U	ug/kg	39.3	11.8	1	10/18/17 05:00	10/18/17 14:47	1330-20-7	
cis-1,2-Dichloroethene	17.2 U	ug/kg	17.2	5.2	1	10/18/17 05:00	10/18/17 14:47	156-59-2	
cis-1,3-Dichloropropene	8.2 U	ug/kg	8.2	2.5	1	10/18/17 05:00	10/18/17 14:47	10061-01-5	
m&p-Xylene	26.9 U	ug/kg	26.9	8.1	1	10/18/17 05:00	10/18/17 14:47	179601-23-1	
n-Butylbenzene	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 14:47	104-51-8	
n-Propylbenzene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 14:47	103-65-1	
o-Xylene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 14:47	95-47-6	
p-Isopropyltoluene	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 14:47	99-87-6	
sec-Butylbenzene	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 14:47	135-98-8	
tert-Butylbenzene	10.4 U	ug/kg	10.4	3.1	1	10/18/17 05:00	10/18/17 14:47	98-06-6	
trans-1,2-Dichloroethene	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 14:47	156-60-5	
trans-1,3-Dichloropropene	7.9 U	ug/kg	7.9	2.4	1	10/18/17 05:00	10/18/17 14:47	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	105	%	70-130		1	10/18/17 05:00	10/18/17 14:47	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1	10/18/17 05:00	10/18/17 14:47	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1	10/18/17 05:00	10/18/17 14:47	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: S-171010-RF-10 Lab ID: 10406679010 Collected: 10/10/17 08:05 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	3.6	%	0.10	0.10	1		10/11/17 14:52		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.2 U	ug/kg	10.2	3.1	1	10/18/17 05:00	10/18/17 15:10	630-20-6	
1,1,1-Trichloroethane	17.6 U	ug/kg	17.6	5.3	1	10/18/17 05:00	10/18/17 15:10	71-55-6	
1,1,2,2-Tetrachloroethane	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 15:10	79-34-5	
1,1,2-Trichloroethane	12.5 U	ug/kg	12.5	3.8	1	10/18/17 05:00	10/18/17 15:10	79-00-5	
1,1,2-Trichlorotrifluoroethane	21.1 U	ug/kg	21.1	6.3	1	10/18/17 05:00	10/18/17 15:10	76-13-1	
1,1-Dichloroethane	14.9 U	ug/kg	14.9	4.5	1	10/18/17 05:00	10/18/17 15:10	75-34-3	
1,1-Dichloroethene	16.9 U	ug/kg	16.9	5.1	1	10/18/17 05:00	10/18/17 15:10	75-35-4	
1,1-Dichloropropene	17.3 U	ug/kg	17.3	5.2	1	10/18/17 05:00	10/18/17 15:10	563-58-6	
1,2,3-Trichlorobenzene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 15:10	87-61-6	
1,2,3-Trichloropropane	11.4 U	ug/kg	11.4	3.4	1	10/18/17 05:00	10/18/17 15:10	96-18-4	
1,2,4-Trichlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 15:10	120-82-1	
1,2,4-Trimethylbenzene	10.5 U	ug/kg	10.5	3.1	1	10/18/17 05:00	10/18/17 15:10	95-63-6	
1,2-Dibromo-3-chloropropane	15.1 U	ug/kg	15.1	4.5	1	10/18/17 05:00	10/18/17 15:10	96-12-8	
1,2-Dibromoethane (EDB)	13.0 U	ug/kg	13.0	3.9	1	10/18/17 05:00	10/18/17 15:10	106-93-4	
1,2-Dichlorobenzene	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 15:10	95-50-1	
1,2-Dichloroethane	16.8 U	ug/kg	16.8	5.0	1	10/18/17 05:00	10/18/17 15:10	107-06-2	
1,2-Dichloroethene (Total)	34.3 U	ug/kg	34.3	10.3	1	10/18/17 05:00	10/18/17 15:10	540-59-0	
1,2-Dichloropropane	10.4 U	ug/kg	10.4	3.1	1	10/18/17 05:00	10/18/17 15:10	78-87-5	
1,3,5-Trimethylbenzene	10.8 U	ug/kg	10.8	3.2	1	10/18/17 05:00	10/18/17 15:10	108-67-8	
1,3-Dichlorobenzene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 15:10	541-73-1	
1,3-Dichloropropane	10.5 U	ug/kg	10.5	3.1	1	10/18/17 05:00	10/18/17 15:10	142-28-9	
1,4-Dichlorobenzene	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 15:10	106-46-7	
2,2-Dichloropropane	17.3 U	ug/kg	17.3	5.2	1	10/18/17 05:00	10/18/17 15:10	594-20-7	
2-Butanone (MEK)	15.1 U	ug/kg	15.1	4.5	1	10/18/17 05:00	10/18/17 15:10	78-93-3	
2-Chlorotoluene	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 15:10	95-49-8	
4-Chlorotoluene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 15:10	106-43-4	
4-Methyl-2-pentanone (MIBK)	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 15:10	108-10-1	
Acetone	31.0 U	ug/kg	31.0	9.3	1	10/18/17 05:00	10/18/17 15:10	67-64-1	
Allyl chloride	17.0 U	ug/kg	17.0	5.1	1	10/18/17 05:00	10/18/17 15:10	107-05-1	
Benzene	15.3 U	ug/kg	15.3	4.6	1	10/18/17 05:00	10/18/17 15:10	71-43-2	
Bromobenzene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 15:10	108-86-1	
Bromochloromethane	18.7 U	ug/kg	18.7	5.6	1	10/18/17 05:00	10/18/17 15:10	74-97-5	
Bromodichloromethane	10.8 U	ug/kg	10.8	3.2	1	10/18/17 05:00	10/18/17 15:10	75-27-4	
Bromoform	13.6 U	ug/kg	13.6	4.1	1	10/18/17 05:00	10/18/17 15:10	75-25-2	
Bromomethane	24.7 U	ug/kg	24.7	7.4	1	10/18/17 05:00	10/18/17 15:10	74-83-9	
Carbon tetrachloride	16.4 U	ug/kg	16.4	4.9	1	10/18/17 05:00	10/18/17 15:10	56-23-5	
Chlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 15:10	108-90-7	
Chloroethane	14.3 U	ug/kg	14.3	4.3	1	10/18/17 05:00	10/18/17 15:10	75-00-3	
Chloroform	17.2 U	ug/kg	17.2	5.2	1	10/18/17 05:00	10/18/17 15:10	67-66-3	
Chloromethane	13.6 U	ug/kg	13.6	4.1	1	10/18/17 05:00	10/18/17 15:10	74-87-3	
Dibromochloromethane	10.5 U	ug/kg	10.5	3.1	1	10/18/17 05:00	10/18/17 15:10	124-48-1	
Dibromomethane	13.8 U	ug/kg	13.8	4.1	1	10/18/17 05:00	10/18/17 15:10	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171010-RF-10 **Lab ID: 10406679010** Collected: 10/10/17 08:05 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	19.6 U	ug/kg	19.6	5.9	1	10/18/17 05:00	10/18/17 15:10	75-71-8	
Dichlorofluoromethane	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 15:10	75-43-4	
Diethyl ether (Ethyl ether)	15.9 U	ug/kg	15.9	4.8	1	10/18/17 05:00	10/18/17 15:10	60-29-7	
Ethylbenzene	12.1 U	ug/kg	12.1	3.6	1	10/18/17 05:00	10/18/17 15:10	100-41-4	
Hexachloro-1,3-butadiene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 15:10	87-68-3	
Isopropylbenzene (Cumene)	12.8 U	ug/kg	12.8	3.9	1	10/18/17 05:00	10/18/17 15:10	98-82-8	
Methyl-tert-butyl ether	16.4 U	ug/kg	16.4	4.9	1	10/18/17 05:00	10/18/17 15:10	1634-04-4	
Methylene Chloride	15.9 U	ug/kg	15.9	4.7	1	10/18/17 05:00	10/18/17 15:10	75-09-2	
Naphthalene	10.5 U	ug/kg	10.5	3.1	1	10/18/17 05:00	10/18/17 15:10	91-20-3	
Styrene	13.5 U	ug/kg	13.5	4.0	1	10/18/17 05:00	10/18/17 15:10	100-42-5	
Tetrachloroethene	14.6 U	ug/kg	14.6	4.4	1	10/18/17 05:00	10/18/17 15:10	127-18-4	
Tetrahydrofuran	15.2 U	ug/kg	15.2	4.6	1	10/18/17 05:00	10/18/17 15:10	109-99-9	
Toluene	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 15:10	108-88-3	
Trichloroethene	11.4 U	ug/kg	11.4	3.4	1	10/18/17 05:00	10/18/17 15:10	79-01-6	
Trichlorofluoromethane	19.0 U	ug/kg	19.0	5.7	1	10/18/17 05:00	10/18/17 15:10	75-69-4	
Vinyl chloride	14.8 U	ug/kg	14.8	4.4	1	10/18/17 05:00	10/18/17 15:10	75-01-4	
Xylene (Total)	39.0 U	ug/kg	39.0	11.7	1	10/18/17 05:00	10/18/17 15:10	1330-20-7	
cis-1,2-Dichloroethene	17.0 U	ug/kg	17.0	5.1	1	10/18/17 05:00	10/18/17 15:10	156-59-2	
cis-1,3-Dichloropropene	8.2 U	ug/kg	8.2	2.5	1	10/18/17 05:00	10/18/17 15:10	10061-01-5	
m&p-Xylene	26.7 U	ug/kg	26.7	8.0	1	10/18/17 05:00	10/18/17 15:10	179601-23-1	
n-Butylbenzene	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 15:10	104-51-8	
n-Propylbenzene	10.8 U	ug/kg	10.8	3.2	1	10/18/17 05:00	10/18/17 15:10	103-65-1	
o-Xylene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 15:10	95-47-6	
p-Isopropyltoluene	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 15:10	99-87-6	
sec-Butylbenzene	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 15:10	135-98-8	
tert-Butylbenzene	10.3 U	ug/kg	10.3	3.1	1	10/18/17 05:00	10/18/17 15:10	98-06-6	
trans-1,2-Dichloroethene	17.3 U	ug/kg	17.3	5.2	1	10/18/17 05:00	10/18/17 15:10	156-60-5	
trans-1,3-Dichloropropene	7.8 U	ug/kg	7.8	2.3	1	10/18/17 05:00	10/18/17 15:10	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	70-130		1	10/18/17 05:00	10/18/17 15:10	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1	10/18/17 05:00	10/18/17 15:10	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1	10/18/17 05:00	10/18/17 15:10	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Lab Project No.: 10406679

Sample: S-171010-RF-11 Lab ID: 10406679011 Collected: 10/10/17 08:35 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	5.2	%	0.10	0.10	1		10/11/17 14:52		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.3 U	ug/kg	10.3	3.1	1	10/18/17 05:00	10/18/17 15:33	630-20-6	
1,1,1-Trichloroethane	17.8 U	ug/kg	17.8	5.4	1	10/18/17 05:00	10/18/17 15:33	71-55-6	
1,1,2,2-Tetrachloroethane	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 15:33	79-34-5	
1,1,2-Trichloroethane	12.7 U	ug/kg	12.7	3.8	1	10/18/17 05:00	10/18/17 15:33	79-00-5	
1,1,2-Trichlorotrifluoroethane	21.4 U	ug/kg	21.4	6.4	1	10/18/17 05:00	10/18/17 15:33	76-13-1	
1,1-Dichloroethane	15.1 U	ug/kg	15.1	4.5	1	10/18/17 05:00	10/18/17 15:33	75-34-3	
1,1-Dichloroethene	17.2 U	ug/kg	17.2	5.1	1	10/18/17 05:00	10/18/17 15:33	75-35-4	
1,1-Dichloropropene	17.6 U	ug/kg	17.6	5.3	1	10/18/17 05:00	10/18/17 15:33	563-58-6	
1,2,3-Trichlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 15:33	87-61-6	
1,2,3-Trichloropropane	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 15:33	96-18-4	
1,2,4-Trichlorobenzene	12.1 U	ug/kg	12.1	3.6	1	10/18/17 05:00	10/18/17 15:33	120-82-1	
1,2,4-Trimethylbenzene	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 15:33	95-63-6	
1,2-Dibromo-3-chloropropane	15.4 U	ug/kg	15.4	4.6	1	10/18/17 05:00	10/18/17 15:33	96-12-8	
1,2-Dibromoethane (EDB)	13.2 U	ug/kg	13.2	4.0	1	10/18/17 05:00	10/18/17 15:33	106-93-4	
1,2-Dichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 15:33	95-50-1	
1,2-Dichloroethane	17.1 U	ug/kg	17.1	5.1	1	10/18/17 05:00	10/18/17 15:33	107-06-2	
1,2-Dichloroethene (Total)	34.9 U	ug/kg	34.9	10.5	1	10/18/17 05:00	10/18/17 15:33	540-59-0	
1,2-Dichloropropane	10.5 U	ug/kg	10.5	3.2	1	10/18/17 05:00	10/18/17 15:33	78-87-5	
1,3,5-Trimethylbenzene	11.0 U	ug/kg	11.0	3.3	1	10/18/17 05:00	10/18/17 15:33	108-67-8	
1,3-Dichlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 15:33	541-73-1	
1,3-Dichloropropane	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 15:33	142-28-9	
1,4-Dichlorobenzene	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 15:33	106-46-7	
2,2-Dichloropropane	17.5 U	ug/kg	17.5	5.3	1	10/18/17 05:00	10/18/17 15:33	594-20-7	
2-Butanone (MEK)	15.4 U	ug/kg	15.4	4.6	1	10/18/17 05:00	10/18/17 15:33	78-93-3	
2-Chlorotoluene	10.8 U	ug/kg	10.8	3.2	1	10/18/17 05:00	10/18/17 15:33	95-49-8	
4-Chlorotoluene	12.5 U	ug/kg	12.5	3.8	1	10/18/17 05:00	10/18/17 15:33	106-43-4	
4-Methyl-2-pentanone (MIBK)	10.8 U	ug/kg	10.8	3.2	1	10/18/17 05:00	10/18/17 15:33	108-10-1	
Acetone	31.5 U	ug/kg	31.5	9.4	1	10/18/17 05:00	10/18/17 15:33	67-64-1	
Allyl chloride	17.3 U	ug/kg	17.3	5.2	1	10/18/17 05:00	10/18/17 15:33	107-05-1	
Benzene	15.5 U	ug/kg	15.5	4.7	1	10/18/17 05:00	10/18/17 15:33	71-43-2	
Bromobenzene	12.2 U	ug/kg	12.2	3.7	1	10/18/17 05:00	10/18/17 15:33	108-86-1	
Bromochloromethane	19.0 U	ug/kg	19.0	5.7	1	10/18/17 05:00	10/18/17 15:33	74-97-5	
Bromodichloromethane	11.0 U	ug/kg	11.0	3.3	1	10/18/17 05:00	10/18/17 15:33	75-27-4	
Bromoform	13.8 U	ug/kg	13.8	4.1	1	10/18/17 05:00	10/18/17 15:33	75-25-2	
Bromomethane	25.1 U	ug/kg	25.1	7.5	1	10/18/17 05:00	10/18/17 15:33	74-83-9	
Carbon tetrachloride	16.7 U	ug/kg	16.7	5.0	1	10/18/17 05:00	10/18/17 15:33	56-23-5	
Chlorobenzene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 15:33	108-90-7	
Chloroethane	14.5 U	ug/kg	14.5	4.4	1	10/18/17 05:00	10/18/17 15:33	75-00-3	
Chloroform	17.5 U	ug/kg	17.5	5.2	1	10/18/17 05:00	10/18/17 15:33	67-66-3	
Chloromethane	13.8 U	ug/kg	13.8	4.1	1	10/18/17 05:00	10/18/17 15:33	74-87-3	
Dibromochloromethane	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 15:33	124-48-1	
Dibromomethane	14.0 U	ug/kg	14.0	4.2	1	10/18/17 05:00	10/18/17 15:33	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171010-RF-11 Lab ID: 10406679011 Collected: 10/10/17 08:35 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	19.9 U	ug/kg	19.9	6.0	1	10/18/17 05:00	10/18/17 15:33	75-71-8	
Dichlorofluoromethane	16.3 U	ug/kg	16.3	4.9	1	10/18/17 05:00	10/18/17 15:33	75-43-4	
Diethyl ether (Ethyl ether)	16.2 U	ug/kg	16.2	4.8	1	10/18/17 05:00	10/18/17 15:33	60-29-7	
Ethylbenzene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 15:33	100-41-4	
Hexachloro-1,3-butadiene	12.5 U	ug/kg	12.5	3.7	1	10/18/17 05:00	10/18/17 15:33	87-68-3	
Isopropylbenzene (Cumene)	13.0 U	ug/kg	13.0	3.9	1	10/18/17 05:00	10/18/17 15:33	98-82-8	
Methyl-tert-butyl ether	16.6 U	ug/kg	16.6	5.0	1	10/18/17 05:00	10/18/17 15:33	1634-04-4	
Methylene Chloride	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 15:33	75-09-2	
Naphthalene	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 15:33	91-20-3	
Styrene	13.7 U	ug/kg	13.7	4.1	1	10/18/17 05:00	10/18/17 15:33	100-42-5	
Tetrachloroethene	14.8 U	ug/kg	14.8	4.4	1	10/18/17 05:00	10/18/17 15:33	127-18-4	
Tetrahydrofuran	15.5 U	ug/kg	15.5	4.6	1	10/18/17 05:00	10/18/17 15:33	109-99-9	
Toluene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 15:33	108-88-3	
Trichloroethene	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 15:33	79-01-6	
Trichlorofluoromethane	19.3 U	ug/kg	19.3	5.8	1	10/18/17 05:00	10/18/17 15:33	75-69-4	
Vinyl chloride	15.0 U	ug/kg	15.0	4.5	1	10/18/17 05:00	10/18/17 15:33	75-01-4	
Xylene (Total)	39.6 U	ug/kg	39.6	11.9	1	10/18/17 05:00	10/18/17 15:33	1330-20-7	
cis-1,2-Dichloroethene	17.3 U	ug/kg	17.3	5.2	1	10/18/17 05:00	10/18/17 15:33	156-59-2	
cis-1,3-Dichloropropene	8.3 U	ug/kg	8.3	2.5	1	10/18/17 05:00	10/18/17 15:33	10061-01-5	
m&p-Xylene	27.1 U	ug/kg	27.1	8.1	1	10/18/17 05:00	10/18/17 15:33	179601-23-1	
n-Butylbenzene	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 15:33	104-51-8	
n-Propylbenzene	11.0 U	ug/kg	11.0	3.3	1	10/18/17 05:00	10/18/17 15:33	103-65-1	
o-Xylene	12.5 U	ug/kg	12.5	3.8	1	10/18/17 05:00	10/18/17 15:33	95-47-6	
p-Isopropyltoluene	10.8 U	ug/kg	10.8	3.2	1	10/18/17 05:00	10/18/17 15:33	99-87-6	
sec-Butylbenzene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 15:33	135-98-8	
tert-Butylbenzene	10.4 U	ug/kg	10.4	3.1	1	10/18/17 05:00	10/18/17 15:33	98-06-6	
trans-1,2-Dichloroethene	17.6 U	ug/kg	17.6	5.3	1	10/18/17 05:00	10/18/17 15:33	156-60-5	
trans-1,3-Dichloropropene	7.9 U	ug/kg	7.9	2.4	1	10/18/17 05:00	10/18/17 15:33	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	109	%	70-130		1	10/18/17 05:00	10/18/17 15:33	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1	10/18/17 05:00	10/18/17 15:33	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		1	10/18/17 05:00	10/18/17 15:33	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Lab Project No.: 10406679

Sample: S-171010-RF-12 Lab ID: 10406679012 Collected: 10/10/17 09:00 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	4.4	%	0.10	0.10	1		10/11/17 14:52		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.8 U	ug/kg	10.8	3.3	1	10/18/17 05:00	10/18/17 15:56	630-20-6	
1,1,1-Trichloroethane	18.7 U	ug/kg	18.7	5.6	1	10/18/17 05:00	10/18/17 15:56	71-55-6	
1,1,2,2-Tetrachloroethane	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 15:56	79-34-5	
1,1,2-Trichloroethane	13.3 U	ug/kg	13.3	4.0	1	10/18/17 05:00	10/18/17 15:56	79-00-5	
1,1,2-Trichlorotrifluoroethane	22.4 U	ug/kg	22.4	6.7	1	10/18/17 05:00	10/18/17 15:56	76-13-1	
1,1-Dichloroethane	15.9 U	ug/kg	15.9	4.8	1	10/18/17 05:00	10/18/17 15:56	75-34-3	
1,1-Dichloroethene	18.0 U	ug/kg	18.0	5.4	1	10/18/17 05:00	10/18/17 15:56	75-35-4	
1,1-Dichloropropene	18.5 U	ug/kg	18.5	5.5	1	10/18/17 05:00	10/18/17 15:56	563-58-6	
1,2,3-Trichlorobenzene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 15:56	87-61-6	
1,2,3-Trichloropropane	12.2 U	ug/kg	12.2	3.6	1	10/18/17 05:00	10/18/17 15:56	96-18-4	
1,2,4-Trichlorobenzene	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 15:56	120-82-1	
1,2,4-Trimethylbenzene	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 15:56	95-63-6	
1,2-Dibromo-3-chloropropane	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 15:56	96-12-8	
1,2-Dibromoethane (EDB)	13.9 U	ug/kg	13.9	4.2	1	10/18/17 05:00	10/18/17 15:56	106-93-4	
1,2-Dichlorobenzene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 15:56	95-50-1	
1,2-Dichloroethane	17.9 U	ug/kg	17.9	5.4	1	10/18/17 05:00	10/18/17 15:56	107-06-2	
1,2-Dichloroethene (Total)	36.6 U	ug/kg	36.6	11.0	1	10/18/17 05:00	10/18/17 15:56	540-59-0	
1,2-Dichloropropane	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 15:56	78-87-5	
1,3,5-Trimethylbenzene	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 15:56	108-67-8	
1,3-Dichlorobenzene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 15:56	541-73-1	
1,3-Dichloropropane	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 15:56	142-28-9	
1,4-Dichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 15:56	106-46-7	
2,2-Dichloropropane	18.4 U	ug/kg	18.4	5.5	1	10/18/17 05:00	10/18/17 15:56	594-20-7	
2-Butanone (MEK)	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 15:56	78-93-3	
2-Chlorotoluene	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 15:56	95-49-8	
4-Chlorotoluene	13.1 U	ug/kg	13.1	3.9	1	10/18/17 05:00	10/18/17 15:56	106-43-4	
4-Methyl-2-pentanone (MIBK)	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 15:56	108-10-1	
Acetone	33.0 U	ug/kg	33.0	9.9	1	10/18/17 05:00	10/18/17 15:56	67-64-1	
Allyl chloride	18.1 U	ug/kg	18.1	5.4	1	10/18/17 05:00	10/18/17 15:56	107-05-1	
Benzene	16.3 U	ug/kg	16.3	4.9	1	10/18/17 05:00	10/18/17 15:56	71-43-2	
Bromobenzene	12.8 U	ug/kg	12.8	3.8	1	10/18/17 05:00	10/18/17 15:56	108-86-1	
Bromochloromethane	19.9 U	ug/kg	19.9	6.0	1	10/18/17 05:00	10/18/17 15:56	74-97-5	
Bromodichloromethane	11.5 U	ug/kg	11.5	3.4	1	10/18/17 05:00	10/18/17 15:56	75-27-4	
Bromoform	14.4 U	ug/kg	14.4	4.3	1	10/18/17 05:00	10/18/17 15:56	75-25-2	
Bromomethane	26.3 U	ug/kg	26.3	7.9	1	10/18/17 05:00	10/18/17 15:56	74-83-9	
Carbon tetrachloride	17.5 U	ug/kg	17.5	5.2	1	10/18/17 05:00	10/18/17 15:56	56-23-5	
Chlorobenzene	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 15:56	108-90-7	
Chloroethane	15.2 U	ug/kg	15.2	4.6	1	10/18/17 05:00	10/18/17 15:56	75-00-3	
Chloroform	18.3 U	ug/kg	18.3	5.5	1	10/18/17 05:00	10/18/17 15:56	67-66-3	
Chloromethane	14.4 U	ug/kg	14.4	4.3	1	10/18/17 05:00	10/18/17 15:56	74-87-3	
Dibromochloromethane	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 15:56	124-48-1	
Dibromomethane	14.7 U	ug/kg	14.7	4.4	1	10/18/17 05:00	10/18/17 15:56	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171010-RF-12 **Lab ID: 10406679012** Collected: 10/10/17 09:00 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	20.9 U	ug/kg	20.9	6.3	1	10/18/17 05:00	10/18/17 15:56	75-71-8	
Dichlorofluoromethane	17.1 U	ug/kg	17.1	5.1	1	10/18/17 05:00	10/18/17 15:56	75-43-4	
Diethyl ether (Ethyl ether)	16.9 U	ug/kg	16.9	5.1	1	10/18/17 05:00	10/18/17 15:56	60-29-7	
Ethylbenzene	12.9 U	ug/kg	12.9	3.9	1	10/18/17 05:00	10/18/17 15:56	100-41-4	
Hexachloro-1,3-butadiene	13.1 U	ug/kg	13.1	3.9	1	10/18/17 05:00	10/18/17 15:56	87-68-3	
Isopropylbenzene (Cumene)	13.7 U	ug/kg	13.7	4.1	1	10/18/17 05:00	10/18/17 15:56	98-82-8	
Methyl-tert-butyl ether	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 15:56	1634-04-4	
Methylene Chloride	16.9 U	ug/kg	16.9	5.1	1	10/18/17 05:00	10/18/17 15:56	75-09-2	
Naphthalene	11.2 U	ug/kg	11.2	3.3	1	10/18/17 05:00	10/18/17 15:56	91-20-3	
Styrene	14.4 U	ug/kg	14.4	4.3	1	10/18/17 05:00	10/18/17 15:56	100-42-5	
Tetrachloroethene	15.5 U	ug/kg	15.5	4.7	1	10/18/17 05:00	10/18/17 15:56	127-18-4	
Tetrahydrofuran	16.2 U	ug/kg	16.2	4.9	1	10/18/17 05:00	10/18/17 15:56	109-99-9	
Toluene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 15:56	108-88-3	
Trichloroethene	12.1 U	ug/kg	12.1	3.6	1	10/18/17 05:00	10/18/17 15:56	79-01-6	
Trichlorofluoromethane	20.3 U	ug/kg	20.3	6.1	1	10/18/17 05:00	10/18/17 15:56	75-69-4	
Vinyl chloride	15.7 U	ug/kg	15.7	4.7	1	10/18/17 05:00	10/18/17 15:56	75-01-4	
Xylene (Total)	41.5 U	ug/kg	41.5	12.5	1	10/18/17 05:00	10/18/17 15:56	1330-20-7	
cis-1,2-Dichloroethene	18.1 U	ug/kg	18.1	5.4	1	10/18/17 05:00	10/18/17 15:56	156-59-2	
cis-1,3-Dichloropropene	8.7 U	ug/kg	8.7	2.6	1	10/18/17 05:00	10/18/17 15:56	10061-01-5	
m&p-Xylene	28.4 U	ug/kg	28.4	8.5	1	10/18/17 05:00	10/18/17 15:56	179601-23-1	
n-Butylbenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 15:56	104-51-8	
n-Propylbenzene	11.5 U	ug/kg	11.5	3.4	1	10/18/17 05:00	10/18/17 15:56	103-65-1	
o-Xylene	13.1 U	ug/kg	13.1	3.9	1	10/18/17 05:00	10/18/17 15:56	95-47-6	
p-Isopropyltoluene	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 15:56	99-87-6	
sec-Butylbenzene	12.2 U	ug/kg	12.2	3.7	1	10/18/17 05:00	10/18/17 15:56	135-98-8	
tert-Butylbenzene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 15:56	98-06-6	
trans-1,2-Dichloroethene	18.4 U	ug/kg	18.4	5.5	1	10/18/17 05:00	10/18/17 15:56	156-60-5	
trans-1,3-Dichloropropene	8.3 U	ug/kg	8.3	2.5	1	10/18/17 05:00	10/18/17 15:56	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	117	%	70-130		1	10/18/17 05:00	10/18/17 15:56	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1	10/18/17 05:00	10/18/17 15:56	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1	10/18/17 05:00	10/18/17 15:56	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171010-RF-13 **Lab ID: 10406679013** Collected: 10/10/17 09:05 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	5.4	%	0.10	0.10	1		10/11/17 14:52		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 16:19	630-20-6	
1,1,1-Trichloroethane	18.3 U	ug/kg	18.3	5.5	1	10/18/17 05:00	10/18/17 16:19	71-55-6	
1,1,2,2-Tetrachloroethane	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 16:19	79-34-5	
1,1,2-Trichloroethane	13.0 U	ug/kg	13.0	3.9	1	10/18/17 05:00	10/18/17 16:19	79-00-5	
1,1,2-Trichlorotrifluoroethane	21.9 U	ug/kg	21.9	6.6	1	10/18/17 05:00	10/18/17 16:19	76-13-1	
1,1-Dichloroethane	15.5 U	ug/kg	15.5	4.6	1	10/18/17 05:00	10/18/17 16:19	75-34-3	
1,1-Dichloroethene	17.6 U	ug/kg	17.6	5.3	1	10/18/17 05:00	10/18/17 16:19	75-35-4	
1,1-Dichloropropene	18.0 U	ug/kg	18.0	5.4	1	10/18/17 05:00	10/18/17 16:19	563-58-6	
1,2,3-Trichlorobenzene	12.2 U	ug/kg	12.2	3.6	1	10/18/17 05:00	10/18/17 16:19	87-61-6	
1,2,3-Trichloropropane	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 16:19	96-18-4	
1,2,4-Trichlorobenzene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 16:19	120-82-1	
1,2,4-Trimethylbenzene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 16:19	95-63-6	
1,2-Dibromo-3-chloropropane	15.7 U	ug/kg	15.7	4.7	1	10/18/17 05:00	10/18/17 16:19	96-12-8	
1,2-Dibromoethane (EDB)	13.5 U	ug/kg	13.5	4.1	1	10/18/17 05:00	10/18/17 16:19	106-93-4	
1,2-Dichlorobenzene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 16:19	95-50-1	
1,2-Dichloroethane	17.5 U	ug/kg	17.5	5.2	1	10/18/17 05:00	10/18/17 16:19	107-06-2	
1,2-Dichloroethene (Total)	35.7 U	ug/kg	35.7	10.7	1	10/18/17 05:00	10/18/17 16:19	540-59-0	
1,2-Dichloropropane	10.8 U	ug/kg	10.8	3.2	1	10/18/17 05:00	10/18/17 16:19	78-87-5	
1,3,5-Trimethylbenzene	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 16:19	108-67-8	
1,3-Dichlorobenzene	12.2 U	ug/kg	12.2	3.6	1	10/18/17 05:00	10/18/17 16:19	541-73-1	
1,3-Dichloropropane	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 16:19	142-28-9	
1,4-Dichlorobenzene	11.5 U	ug/kg	11.5	3.5	1	10/18/17 05:00	10/18/17 16:19	106-46-7	
2,2-Dichloropropane	17.9 U	ug/kg	17.9	5.4	1	10/18/17 05:00	10/18/17 16:19	594-20-7	
2-Butanone (MEK)	15.7 U	ug/kg	15.7	4.7	1	10/18/17 05:00	10/18/17 16:19	78-93-3	
2-Chlorotoluene	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 16:19	95-49-8	
4-Chlorotoluene	12.8 U	ug/kg	12.8	3.9	1	10/18/17 05:00	10/18/17 16:19	106-43-4	
4-Methyl-2-pentanone (MIBK)	11.0 U	ug/kg	11.0	3.3	1	10/18/17 05:00	10/18/17 16:19	108-10-1	
Acetone	32.2 U	ug/kg	32.2	9.7	1	10/18/17 05:00	10/18/17 16:19	67-64-1	
Allyl chloride	17.7 U	ug/kg	17.7	5.3	1	10/18/17 05:00	10/18/17 16:19	107-05-1	
Benzene	15.9 U	ug/kg	15.9	4.8	1	10/18/17 05:00	10/18/17 16:19	71-43-2	
Bromobenzene	12.5 U	ug/kg	12.5	3.7	1	10/18/17 05:00	10/18/17 16:19	108-86-1	
Bromochloromethane	19.4 U	ug/kg	19.4	5.8	1	10/18/17 05:00	10/18/17 16:19	74-97-5	
Bromodichloromethane	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 16:19	75-27-4	
Bromoform	14.1 U	ug/kg	14.1	4.2	1	10/18/17 05:00	10/18/17 16:19	75-25-2	
Bromomethane	25.7 U	ug/kg	25.7	7.7	1	10/18/17 05:00	10/18/17 16:19	74-83-9	
Carbon tetrachloride	17.1 U	ug/kg	17.1	5.1	1	10/18/17 05:00	10/18/17 16:19	56-23-5	
Chlorobenzene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 16:19	108-90-7	
Chloroethane	14.9 U	ug/kg	14.9	4.5	1	10/18/17 05:00	10/18/17 16:19	75-00-3	
Chloroform	17.9 U	ug/kg	17.9	5.4	1	10/18/17 05:00	10/18/17 16:19	67-66-3	
Chloromethane	14.1 U	ug/kg	14.1	4.2	1	10/18/17 05:00	10/18/17 16:19	74-87-3	
Dibromochloromethane	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 16:19	124-48-1	
Dibromomethane	14.3 U	ug/kg	14.3	4.3	1	10/18/17 05:00	10/18/17 16:19	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171010-RF-13 **Lab ID: 10406679013** Collected: 10/10/17 09:05 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	20.4 U	ug/kg	20.4	6.1	1	10/18/17 05:00	10/18/17 16:19	75-71-8	
Dichlorofluoromethane	16.7 U	ug/kg	16.7	5.0	1	10/18/17 05:00	10/18/17 16:19	75-43-4	
Diethyl ether (Ethyl ether)	16.5 U	ug/kg	16.5	5.0	1	10/18/17 05:00	10/18/17 16:19	60-29-7	
Ethylbenzene	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 16:19	100-41-4	
Hexachloro-1,3-butadiene	12.8 U	ug/kg	12.8	3.8	1	10/18/17 05:00	10/18/17 16:19	87-68-3	
Isopropylbenzene (Cumene)	13.3 U	ug/kg	13.3	4.0	1	10/18/17 05:00	10/18/17 16:19	98-82-8	
Methyl-tert-butyl ether	17.0 U	ug/kg	17.0	5.1	1	10/18/17 05:00	10/18/17 16:19	1634-04-4	
Methylene Chloride	16.5 U	ug/kg	16.5	4.9	1	10/18/17 05:00	10/18/17 16:19	75-09-2	
Naphthalene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 16:19	91-20-3	
Styrene	14.0 U	ug/kg	14.0	4.2	1	10/18/17 05:00	10/18/17 16:19	100-42-5	
Tetrachloroethene	15.1 U	ug/kg	15.1	4.5	1	10/18/17 05:00	10/18/17 16:19	127-18-4	
Tetrahydrofuran	15.8 U	ug/kg	15.8	4.7	1	10/18/17 05:00	10/18/17 16:19	109-99-9	
Toluene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 16:19	108-88-3	
Trichloroethene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 16:19	79-01-6	
Trichlorofluoromethane	19.8 U	ug/kg	19.8	5.9	1	10/18/17 05:00	10/18/17 16:19	75-69-4	
Vinyl chloride	15.4 U	ug/kg	15.4	4.6	1	10/18/17 05:00	10/18/17 16:19	75-01-4	
Xylene (Total)	40.6 U	ug/kg	40.6	12.2	1	10/18/17 05:00	10/18/17 16:19	1330-20-7	
cis-1,2-Dichloroethene	17.7 U	ug/kg	17.7	5.3	1	10/18/17 05:00	10/18/17 16:19	156-59-2	
cis-1,3-Dichloropropene	8.5 U	ug/kg	8.5	2.5	1	10/18/17 05:00	10/18/17 16:19	10061-01-5	
m&p-Xylene	27.8 U	ug/kg	27.8	8.3	1	10/18/17 05:00	10/18/17 16:19	179601-23-1	
n-Butylbenzene	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 16:19	104-51-8	
n-Propylbenzene	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 16:19	103-65-1	
o-Xylene	12.8 U	ug/kg	12.8	3.8	1	10/18/17 05:00	10/18/17 16:19	95-47-6	
p-Isopropyltoluene	11.0 U	ug/kg	11.0	3.3	1	10/18/17 05:00	10/18/17 16:19	99-87-6	
sec-Butylbenzene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 16:19	135-98-8	
tert-Butylbenzene	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 16:19	98-06-6	
trans-1,2-Dichloroethene	18.0 U	ug/kg	18.0	5.4	1	10/18/17 05:00	10/18/17 16:19	156-60-5	
trans-1,3-Dichloropropene	8.1 U	ug/kg	8.1	2.4	1	10/18/17 05:00	10/18/17 16:19	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	115	%	70-130		1	10/18/17 05:00	10/18/17 16:19	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1	10/18/17 05:00	10/18/17 16:19	2037-26-5	
4-Bromofluorobenzene (S)	87	%	70-130		1	10/18/17 05:00	10/18/17 16:19	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: S-171010-RF-14 Lab ID: 10406679014 Collected: 10/10/17 09:25 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	4.3	%	0.10	0.10	1		10/11/17 14:53		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.4 U	ug/kg	10.4	3.1	1	10/18/17 05:00	10/18/17 16:42	630-20-6	
1,1,1-Trichloroethane	18.0 U	ug/kg	18.0	5.4	1	10/18/17 05:00	10/18/17 16:42	71-55-6	
1,1,2,2-Tetrachloroethane	11.4 U	ug/kg	11.4	3.4	1	10/18/17 05:00	10/18/17 16:42	79-34-5	
1,1,2-Trichloroethane	12.8 U	ug/kg	12.8	3.8	1	10/18/17 05:00	10/18/17 16:42	79-00-5	
1,1,2-Trichlorotrifluoroethane	21.5 U	ug/kg	21.5	6.5	1	10/18/17 05:00	10/18/17 16:42	76-13-1	
1,1-Dichloroethane	15.3 U	ug/kg	15.3	4.6	1	10/18/17 05:00	10/18/17 16:42	75-34-3	
1,1-Dichloroethene	17.3 U	ug/kg	17.3	5.2	1	10/18/17 05:00	10/18/17 16:42	75-35-4	
1,1-Dichloropropene	17.7 U	ug/kg	17.7	5.3	1	10/18/17 05:00	10/18/17 16:42	563-58-6	
1,2,3-Trichlorobenzene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 16:42	87-61-6	
1,2,3-Trichloropropane	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 16:42	96-18-4	
1,2,4-Trichlorobenzene	12.2 U	ug/kg	12.2	3.6	1	10/18/17 05:00	10/18/17 16:42	120-82-1	
1,2,4-Trimethylbenzene	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 16:42	95-63-6	
1,2-Dibromo-3-chloropropane	15.5 U	ug/kg	15.5	4.6	1	10/18/17 05:00	10/18/17 16:42	96-12-8	
1,2-Dibromoethane (EDB)	13.3 U	ug/kg	13.3	4.0	1	10/18/17 05:00	10/18/17 16:42	106-93-4	
1,2-Dichlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 16:42	95-50-1	
1,2-Dichloroethane	17.2 U	ug/kg	17.2	5.2	1	10/18/17 05:00	10/18/17 16:42	107-06-2	
1,2-Dichloroethene (Total)	35.2 U	ug/kg	35.2	10.5	1	10/18/17 05:00	10/18/17 16:42	540-59-0	
1,2-Dichloropropane	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 16:42	78-87-5	
1,3,5-Trimethylbenzene	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 16:42	108-67-8	
1,3-Dichlorobenzene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 16:42	541-73-1	
1,3-Dichloropropane	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 16:42	142-28-9	
1,4-Dichlorobenzene	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 16:42	106-46-7	
2,2-Dichloropropane	17.7 U	ug/kg	17.7	5.3	1	10/18/17 05:00	10/18/17 16:42	594-20-7	
2-Butanone (MEK)	15.5 U	ug/kg	15.5	4.6	1	10/18/17 05:00	10/18/17 16:42	78-93-3	
2-Chlorotoluene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 16:42	95-49-8	
4-Chlorotoluene	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 16:42	106-43-4	
4-Methyl-2-pentanone (MIBK)	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 16:42	108-10-1	
Acetone	31.7 U	ug/kg	31.7	9.5	1	10/18/17 05:00	10/18/17 16:42	67-64-1	
Allyl chloride	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 16:42	107-05-1	
Benzene	15.6 U	ug/kg	15.6	4.7	1	10/18/17 05:00	10/18/17 16:42	71-43-2	
Bromobenzene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 16:42	108-86-1	
Bromochloromethane	19.1 U	ug/kg	19.1	5.7	1	10/18/17 05:00	10/18/17 16:42	74-97-5	
Bromodichloromethane	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 16:42	75-27-4	
Bromoform	13.9 U	ug/kg	13.9	4.2	1	10/18/17 05:00	10/18/17 16:42	75-25-2	
Bromomethane	25.3 U	ug/kg	25.3	7.6	1	10/18/17 05:00	10/18/17 16:42	74-83-9	
Carbon tetrachloride	16.8 U	ug/kg	16.8	5.0	1	10/18/17 05:00	10/18/17 16:42	56-23-5	
Chlorobenzene	12.1 U	ug/kg	12.1	3.6	1	10/18/17 05:00	10/18/17 16:42	108-90-7	
Chloroethane	14.7 U	ug/kg	14.7	4.4	1	10/18/17 05:00	10/18/17 16:42	75-00-3	
Chloroform	17.6 U	ug/kg	17.6	5.3	1	10/18/17 05:00	10/18/17 16:42	67-66-3	
Chloromethane	13.9 U	ug/kg	13.9	4.2	1	10/18/17 05:00	10/18/17 16:42	74-87-3	
Dibromochloromethane	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 16:42	124-48-1	
Dibromomethane	14.1 U	ug/kg	14.1	4.2	1	10/18/17 05:00	10/18/17 16:42	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171010-RF-14 **Lab ID: 10406679014** Collected: 10/10/17 09:25 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	20.1 U	ug/kg	20.1	6.0	1	10/18/17 05:00	10/18/17 16:42	75-71-8	
Dichlorofluoromethane	16.4 U	ug/kg	16.4	4.9	1	10/18/17 05:00	10/18/17 16:42	75-43-4	
Diethyl ether (Ethyl ether)	16.3 U	ug/kg	16.3	4.9	1	10/18/17 05:00	10/18/17 16:42	60-29-7	
Ethylbenzene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 16:42	100-41-4	
Hexachloro-1,3-butadiene	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 16:42	87-68-3	
Isopropylbenzene (Cumene)	13.1 U	ug/kg	13.1	3.9	1	10/18/17 05:00	10/18/17 16:42	98-82-8	
Methyl-tert-butyl ether	16.8 U	ug/kg	16.8	5.0	1	10/18/17 05:00	10/18/17 16:42	1634-04-4	
Methylene Chloride	16.2 U	ug/kg	16.2	4.9	1	10/18/17 05:00	10/18/17 16:42	75-09-2	
Naphthalene	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 16:42	91-20-3	
Styrene	13.8 U	ug/kg	13.8	4.1	1	10/18/17 05:00	10/18/17 16:42	100-42-5	
Tetrachloroethene	14.9 U	ug/kg	14.9	4.5	1	10/18/17 05:00	10/18/17 16:42	127-18-4	
Tetrahydrofuran	15.6 U	ug/kg	15.6	4.7	1	10/18/17 05:00	10/18/17 16:42	109-99-9	
Toluene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 16:42	108-88-3	
Trichloroethene	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 16:42	79-01-6	
Trichlorofluoromethane	19.5 U	ug/kg	19.5	5.8	1	10/18/17 05:00	10/18/17 16:42	75-69-4	
Vinyl chloride	15.1 U	ug/kg	15.1	4.5	1	10/18/17 05:00	10/18/17 16:42	75-01-4	
Xylene (Total)	39.9 U	ug/kg	39.9	12.0	1	10/18/17 05:00	10/18/17 16:42	1330-20-7	
cis-1,2-Dichloroethene	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 16:42	156-59-2	
cis-1,3-Dichloropropene	8.4 U	ug/kg	8.4	2.5	1	10/18/17 05:00	10/18/17 16:42	10061-01-5	
m&p-Xylene	27.3 U	ug/kg	27.3	8.2	1	10/18/17 05:00	10/18/17 16:42	179601-23-1	
n-Butylbenzene	11.4 U	ug/kg	11.4	3.4	1	10/18/17 05:00	10/18/17 16:42	104-51-8	
n-Propylbenzene	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 16:42	103-65-1	
o-Xylene	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 16:42	95-47-6	
p-Isopropyltoluene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 16:42	99-87-6	
sec-Butylbenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 16:42	135-98-8	
tert-Butylbenzene	10.5 U	ug/kg	10.5	3.2	1	10/18/17 05:00	10/18/17 16:42	98-06-6	
trans-1,2-Dichloroethene	17.7 U	ug/kg	17.7	5.3	1	10/18/17 05:00	10/18/17 16:42	156-60-5	
trans-1,3-Dichloropropene	8.0 U	ug/kg	8.0	2.4	1	10/18/17 05:00	10/18/17 16:42	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108	%	70-130		1	10/18/17 05:00	10/18/17 16:42	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1	10/18/17 05:00	10/18/17 16:42	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		1	10/18/17 05:00	10/18/17 16:42	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: S-171010-RF-15 Lab ID: 10406679015 Collected: 10/10/17 09:35 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	4.9	%	0.10	0.10	1		10/11/17 14:53		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.8 U	ug/kg	10.8	3.2	1	10/18/17 05:00	10/18/17 17:05	630-20-6	
1,1,1-Trichloroethane	18.6 U	ug/kg	18.6	5.6	1	10/18/17 05:00	10/18/17 17:05	71-55-6	
1,1,2,2-Tetrachloroethane	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 17:05	79-34-5	
1,1,2-Trichloroethane	13.2 U	ug/kg	13.2	4.0	1	10/18/17 05:00	10/18/17 17:05	79-00-5	
1,1,2-Trichlorotrifluoroethane	22.2 U	ug/kg	22.2	6.7	1	10/18/17 05:00	10/18/17 17:05	76-13-1	
1,1-Dichloroethane	15.7 U	ug/kg	15.7	4.7	1	10/18/17 05:00	10/18/17 17:05	75-34-3	
1,1-Dichloroethene	17.8 U	ug/kg	17.8	5.4	1	10/18/17 05:00	10/18/17 17:05	75-35-4	
1,1-Dichloropropene	18.3 U	ug/kg	18.3	5.5	1	10/18/17 05:00	10/18/17 17:05	563-58-6	
1,2,3-Trichlorobenzene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 17:05	87-61-6	
1,2,3-Trichloropropane	12.1 U	ug/kg	12.1	3.6	1	10/18/17 05:00	10/18/17 17:05	96-18-4	
1,2,4-Trichlorobenzene	12.5 U	ug/kg	12.5	3.8	1	10/18/17 05:00	10/18/17 17:05	120-82-1	
1,2,4-Trimethylbenzene	11.0 U	ug/kg	11.0	3.3	1	10/18/17 05:00	10/18/17 17:05	95-63-6	
1,2-Dibromo-3-chloropropane	16.0 U	ug/kg	16.0	4.8	1	10/18/17 05:00	10/18/17 17:05	96-12-8	
1,2-Dibromoethane (EDB)	13.8 U	ug/kg	13.8	4.1	1	10/18/17 05:00	10/18/17 17:05	106-93-4	
1,2-Dichlorobenzene	12.2 U	ug/kg	12.2	3.7	1	10/18/17 05:00	10/18/17 17:05	95-50-1	
1,2-Dichloroethane	17.7 U	ug/kg	17.7	5.3	1	10/18/17 05:00	10/18/17 17:05	107-06-2	
1,2-Dichloroethene (Total)	36.3 U	ug/kg	36.3	10.9	1	10/18/17 05:00	10/18/17 17:05	540-59-0	
1,2-Dichloropropane	11.0 U	ug/kg	11.0	3.3	1	10/18/17 05:00	10/18/17 17:05	78-87-5	
1,3,5-Trimethylbenzene	11.4 U	ug/kg	11.4	3.4	1	10/18/17 05:00	10/18/17 17:05	108-67-8	
1,3-Dichlorobenzene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 17:05	541-73-1	
1,3-Dichloropropane	11.0 U	ug/kg	11.0	3.3	1	10/18/17 05:00	10/18/17 17:05	142-28-9	
1,4-Dichlorobenzene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 17:05	106-46-7	
2,2-Dichloropropane	18.2 U	ug/kg	18.2	5.5	1	10/18/17 05:00	10/18/17 17:05	594-20-7	
2-Butanone (MEK)	16.0 U	ug/kg	16.0	4.8	1	10/18/17 05:00	10/18/17 17:05	78-93-3	
2-Chlorotoluene	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 17:05	95-49-8	
4-Chlorotoluene	13.0 U	ug/kg	13.0	3.9	1	10/18/17 05:00	10/18/17 17:05	106-43-4	
4-Methyl-2-pentanone (MIBK)	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 17:05	108-10-1	
Acetone	32.7 U	ug/kg	32.7	9.8	1	10/18/17 05:00	10/18/17 17:05	67-64-1	
Allyl chloride	17.9 U	ug/kg	17.9	5.4	1	10/18/17 05:00	10/18/17 17:05	107-05-1	
Benzene	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 17:05	71-43-2	
Bromobenzene	12.7 U	ug/kg	12.7	3.8	1	10/18/17 05:00	10/18/17 17:05	108-86-1	
Bromochloromethane	19.7 U	ug/kg	19.7	5.9	1	10/18/17 05:00	10/18/17 17:05	74-97-5	
Bromodichloromethane	11.4 U	ug/kg	11.4	3.4	1	10/18/17 05:00	10/18/17 17:05	75-27-4	
Bromoform	14.3 U	ug/kg	14.3	4.3	1	10/18/17 05:00	10/18/17 17:05	75-25-2	
Bromomethane	26.1 U	ug/kg	26.1	7.8	1	10/18/17 05:00	10/18/17 17:05	74-83-9	
Carbon tetrachloride	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 17:05	56-23-5	
Chlorobenzene	12.5 U	ug/kg	12.5	3.7	1	10/18/17 05:00	10/18/17 17:05	108-90-7	
Chloroethane	15.1 U	ug/kg	15.1	4.5	1	10/18/17 05:00	10/18/17 17:05	75-00-3	
Chloroform	18.2 U	ug/kg	18.2	5.4	1	10/18/17 05:00	10/18/17 17:05	67-66-3	
Chloromethane	14.3 U	ug/kg	14.3	4.3	1	10/18/17 05:00	10/18/17 17:05	74-87-3	
Dibromochloromethane	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 17:05	124-48-1	
Dibromomethane	14.5 U	ug/kg	14.5	4.4	1	10/18/17 05:00	10/18/17 17:05	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171010-RF-15 **Lab ID: 10406679015** Collected: 10/10/17 09:35 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	20.7 U	ug/kg	20.7	6.2	1	10/18/17 05:00	10/18/17 17:05	75-71-8	
Dichlorofluoromethane	16.9 U	ug/kg	16.9	5.1	1	10/18/17 05:00	10/18/17 17:05	75-43-4	
Diethyl ether (Ethyl ether)	16.8 U	ug/kg	16.8	5.0	1	10/18/17 05:00	10/18/17 17:05	60-29-7	
Ethylbenzene	12.8 U	ug/kg	12.8	3.8	1	10/18/17 05:00	10/18/17 17:05	100-41-4	
Hexachloro-1,3-butadiene	13.0 U	ug/kg	13.0	3.9	1	10/18/17 05:00	10/18/17 17:05	87-68-3	
Isopropylbenzene (Cumene)	13.6 U	ug/kg	13.6	4.1	1	10/18/17 05:00	10/18/17 17:05	98-82-8	
Methyl-tert-butyl ether	17.3 U	ug/kg	17.3	5.2	1	10/18/17 05:00	10/18/17 17:05	1634-04-4	
Methylene Chloride	16.8 U	ug/kg	16.8	5.0	1	10/18/17 05:00	10/18/17 17:05	75-09-2	
Naphthalene	11.1 U	ug/kg	11.1	3.3	1	10/18/17 05:00	10/18/17 17:05	91-20-3	
Styrene	14.2 U	ug/kg	14.2	4.3	1	10/18/17 05:00	10/18/17 17:05	100-42-5	
Tetrachloroethene	15.4 U	ug/kg	15.4	4.6	1	10/18/17 05:00	10/18/17 17:05	127-18-4	
Tetrahydrofuran	16.1 U	ug/kg	16.1	4.8	1	10/18/17 05:00	10/18/17 17:05	109-99-9	
Toluene	12.2 U	ug/kg	12.2	3.7	1	10/18/17 05:00	10/18/17 17:05	108-88-3	
Trichloroethene	12.0 U	ug/kg	12.0	3.6	1	10/18/17 05:00	10/18/17 17:05	79-01-6	
Trichlorofluoromethane	20.1 U	ug/kg	20.1	6.0	1	10/18/17 05:00	10/18/17 17:05	75-69-4	
Vinyl chloride	15.6 U	ug/kg	15.6	4.7	1	10/18/17 05:00	10/18/17 17:05	75-01-4	
Xylene (Total)	41.2 U	ug/kg	41.2	12.4	1	10/18/17 05:00	10/18/17 17:05	1330-20-7	
cis-1,2-Dichloroethene	18.0 U	ug/kg	18.0	5.4	1	10/18/17 05:00	10/18/17 17:05	156-59-2	
cis-1,3-Dichloropropene	8.6 U	ug/kg	8.6	2.6	1	10/18/17 05:00	10/18/17 17:05	10061-01-5	
m&p-Xylene	28.2 U	ug/kg	28.2	8.5	1	10/18/17 05:00	10/18/17 17:05	179601-23-1	
n-Butylbenzene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 17:05	104-51-8	
n-Propylbenzene	11.4 U	ug/kg	11.4	3.4	1	10/18/17 05:00	10/18/17 17:05	103-65-1	
o-Xylene	13.0 U	ug/kg	13.0	3.9	1	10/18/17 05:00	10/18/17 17:05	95-47-6	
p-Isopropyltoluene	11.2 U	ug/kg	11.2	3.4	1	10/18/17 05:00	10/18/17 17:05	99-87-6	
sec-Butylbenzene	12.1 U	ug/kg	12.1	3.6	1	10/18/17 05:00	10/18/17 17:05	135-98-8	
tert-Butylbenzene	10.8 U	ug/kg	10.8	3.3	1	10/18/17 05:00	10/18/17 17:05	98-06-6	
trans-1,2-Dichloroethene	18.3 U	ug/kg	18.3	5.5	1	10/18/17 05:00	10/18/17 17:05	156-60-5	
trans-1,3-Dichloropropene	8.2 U	ug/kg	8.2	2.5	1	10/18/17 05:00	10/18/17 17:05	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	70-130		1	10/18/17 05:00	10/18/17 17:05	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1	10/18/17 05:00	10/18/17 17:05	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1	10/18/17 05:00	10/18/17 17:05	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: S-171010-RF-16 Lab ID: 10406679016 Collected: 10/10/17 10:35 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	3.1	%	0.10	0.10	1		10/11/17 14:53		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.4 U	ug/kg	10.4	3.1	1	10/18/17 05:00	10/18/17 17:27	630-20-6	
1,1,1-Trichloroethane	17.9 U	ug/kg	17.9	5.4	1	10/18/17 05:00	10/18/17 17:27	71-55-6	
1,1,2,2-Tetrachloroethane	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 17:27	79-34-5	
1,1,2-Trichloroethane	12.8 U	ug/kg	12.8	3.8	1	10/18/17 05:00	10/18/17 17:27	79-00-5	
1,1,2-Trichlorotrifluoroethane	21.5 U	ug/kg	21.5	6.4	1	10/18/17 05:00	10/18/17 17:27	76-13-1	
1,1-Dichloroethane	15.2 U	ug/kg	15.2	4.6	1	10/18/17 05:00	10/18/17 17:27	75-34-3	
1,1-Dichloroethene	17.2 U	ug/kg	17.2	5.2	1	10/18/17 05:00	10/18/17 17:27	75-35-4	
1,1-Dichloropropene	17.7 U	ug/kg	17.7	5.3	1	10/18/17 05:00	10/18/17 17:27	563-58-6	
1,2,3-Trichlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 17:27	87-61-6	
1,2,3-Trichloropropane	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 17:27	96-18-4	
1,2,4-Trichlorobenzene	12.1 U	ug/kg	12.1	3.6	1	10/18/17 05:00	10/18/17 17:27	120-82-1	
1,2,4-Trimethylbenzene	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 17:27	95-63-6	
1,2-Dibromo-3-chloropropane	15.4 U	ug/kg	15.4	4.6	1	10/18/17 05:00	10/18/17 17:27	96-12-8	
1,2-Dibromoethane (EDB)	13.3 U	ug/kg	13.3	4.0	1	10/18/17 05:00	10/18/17 17:27	106-93-4	
1,2-Dichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 17:27	95-50-1	
1,2-Dichloroethane	17.2 U	ug/kg	17.2	5.1	1	10/18/17 05:00	10/18/17 17:27	107-06-2	
1,2-Dichloroethene (Total)	35.0 U	ug/kg	35.0	10.5	1	10/18/17 05:00	10/18/17 17:27	540-59-0	
1,2-Dichloropropane	10.6 U	ug/kg	10.6	3.2	1	10/18/17 05:00	10/18/17 17:27	78-87-5	
1,3,5-Trimethylbenzene	11.0 U	ug/kg	11.0	3.3	1	10/18/17 05:00	10/18/17 17:27	108-67-8	
1,3-Dichlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/18/17 05:00	10/18/17 17:27	541-73-1	
1,3-Dichloropropane	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 17:27	142-28-9	
1,4-Dichlorobenzene	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 17:27	106-46-7	
2,2-Dichloropropane	17.6 U	ug/kg	17.6	5.3	1	10/18/17 05:00	10/18/17 17:27	594-20-7	
2-Butanone (MEK)	15.4 U	ug/kg	15.4	4.6	1	10/18/17 05:00	10/18/17 17:27	78-93-3	
2-Chlorotoluene	10.9 U	ug/kg	10.9	3.3	1	10/18/17 05:00	10/18/17 17:27	95-49-8	
4-Chlorotoluene	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 17:27	106-43-4	
4-Methyl-2-pentanone (MIBK)	10.8 U	ug/kg	10.8	3.3	1	10/18/17 05:00	10/18/17 17:27	108-10-1	
Acetone	31.6 U	ug/kg	31.6	9.5	1	10/18/17 05:00	10/18/17 17:27	67-64-1	
Allyl chloride	17.3 U	ug/kg	17.3	5.2	1	10/18/17 05:00	10/18/17 17:27	107-05-1	
Benzene	15.6 U	ug/kg	15.6	4.7	1	10/18/17 05:00	10/18/17 17:27	71-43-2	
Bromobenzene	12.3 U	ug/kg	12.3	3.7	1	10/18/17 05:00	10/18/17 17:27	108-86-1	
Bromochloromethane	19.1 U	ug/kg	19.1	5.7	1	10/18/17 05:00	10/18/17 17:27	74-97-5	
Bromodichloromethane	11.0 U	ug/kg	11.0	3.3	1	10/18/17 05:00	10/18/17 17:27	75-27-4	
Bromoform	13.8 U	ug/kg	13.8	4.1	1	10/18/17 05:00	10/18/17 17:27	75-25-2	
Bromomethane	25.2 U	ug/kg	25.2	7.6	1	10/18/17 05:00	10/18/17 17:27	74-83-9	
Carbon tetrachloride	16.8 U	ug/kg	16.8	5.0	1	10/18/17 05:00	10/18/17 17:27	56-23-5	
Chlorobenzene	12.1 U	ug/kg	12.1	3.6	1	10/18/17 05:00	10/18/17 17:27	108-90-7	
Chloroethane	14.6 U	ug/kg	14.6	4.4	1	10/18/17 05:00	10/18/17 17:27	75-00-3	
Chloroform	17.5 U	ug/kg	17.5	5.3	1	10/18/17 05:00	10/18/17 17:27	67-66-3	
Chloromethane	13.8 U	ug/kg	13.8	4.1	1	10/18/17 05:00	10/18/17 17:27	74-87-3	
Dibromochloromethane	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 17:27	124-48-1	
Dibromomethane	14.1 U	ug/kg	14.1	4.2	1	10/18/17 05:00	10/18/17 17:27	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171010-RF-16 **Lab ID: 10406679016** Collected: 10/10/17 10:35 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	20.0 U	ug/kg	20.0	6.0	1	10/18/17 05:00	10/18/17 17:27	75-71-8	
Dichlorofluoromethane	16.4 U	ug/kg	16.4	4.9	1	10/18/17 05:00	10/18/17 17:27	75-43-4	
Diethyl ether (Ethyl ether)	16.2 U	ug/kg	16.2	4.9	1	10/18/17 05:00	10/18/17 17:27	60-29-7	
Ethylbenzene	12.4 U	ug/kg	12.4	3.7	1	10/18/17 05:00	10/18/17 17:27	100-41-4	
Hexachloro-1,3-butadiene	12.5 U	ug/kg	12.5	3.8	1	10/18/17 05:00	10/18/17 17:27	87-68-3	
Isopropylbenzene (Cumene)	13.1 U	ug/kg	13.1	3.9	1	10/18/17 05:00	10/18/17 17:27	98-82-8	
Methyl-tert-butyl ether	16.7 U	ug/kg	16.7	5.0	1	10/18/17 05:00	10/18/17 17:27	1634-04-4	
Methylene Chloride	16.2 U	ug/kg	16.2	4.8	1	10/18/17 05:00	10/18/17 17:27	75-09-2	
Naphthalene	10.7 U	ug/kg	10.7	3.2	1	10/18/17 05:00	10/18/17 17:27	91-20-3	
Styrene	13.8 U	ug/kg	13.8	4.1	1	10/18/17 05:00	10/18/17 17:27	100-42-5	
Tetrachloroethene	14.9 U	ug/kg	14.9	4.5	1	10/18/17 05:00	10/18/17 17:27	127-18-4	
Tetrahydrofuran	15.5 U	ug/kg	15.5	4.7	1	10/18/17 05:00	10/18/17 17:27	109-99-9	
Toluene	11.8 U	ug/kg	11.8	3.5	1	10/18/17 05:00	10/18/17 17:27	108-88-3	
Trichloroethene	11.6 U	ug/kg	11.6	3.5	1	10/18/17 05:00	10/18/17 17:27	79-01-6	
Trichlorofluoromethane	19.4 U	ug/kg	19.4	5.8	1	10/18/17 05:00	10/18/17 17:27	75-69-4	
Vinyl chloride	15.1 U	ug/kg	15.1	4.5	1	10/18/17 05:00	10/18/17 17:27	75-01-4	
Xylene (Total)	39.8 U	ug/kg	39.8	11.9	1	10/18/17 05:00	10/18/17 17:27	1330-20-7	
cis-1,2-Dichloroethene	17.4 U	ug/kg	17.4	5.2	1	10/18/17 05:00	10/18/17 17:27	156-59-2	
cis-1,3-Dichloropropene	8.3 U	ug/kg	8.3	2.5	1	10/18/17 05:00	10/18/17 17:27	10061-01-5	
m&p-Xylene	27.3 U	ug/kg	27.3	8.2	1	10/18/17 05:00	10/18/17 17:27	179601-23-1	
n-Butylbenzene	11.3 U	ug/kg	11.3	3.4	1	10/18/17 05:00	10/18/17 17:27	104-51-8	
n-Propylbenzene	11.0 U	ug/kg	11.0	3.3	1	10/18/17 05:00	10/18/17 17:27	103-65-1	
o-Xylene	12.6 U	ug/kg	12.6	3.8	1	10/18/17 05:00	10/18/17 17:27	95-47-6	
p-Isopropyltoluene	10.8 U	ug/kg	10.8	3.2	1	10/18/17 05:00	10/18/17 17:27	99-87-6	
sec-Butylbenzene	11.7 U	ug/kg	11.7	3.5	1	10/18/17 05:00	10/18/17 17:27	135-98-8	
tert-Butylbenzene	10.5 U	ug/kg	10.5	3.1	1	10/18/17 05:00	10/18/17 17:27	98-06-6	
trans-1,2-Dichloroethene	17.7 U	ug/kg	17.7	5.3	1	10/18/17 05:00	10/18/17 17:27	156-60-5	
trans-1,3-Dichloropropene	7.9 U	ug/kg	7.9	2.4	1	10/18/17 05:00	10/18/17 17:27	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	109	%	70-130		1	10/18/17 05:00	10/18/17 17:27	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1	10/18/17 05:00	10/18/17 17:27	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130		1	10/18/17 05:00	10/18/17 17:27	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: S-171010-RF-17 Lab ID: 10406679017 Collected: 10/10/17 10:40 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	2.8	%	0.10	0.10	1		10/11/17 14:53		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.3 U	ug/kg	10.3	3.1	1	10/19/17 05:00	10/19/17 15:12	630-20-6	
1,1,1-Trichloroethane	17.7 U	ug/kg	17.7	5.3	1	10/19/17 05:00	10/19/17 15:12	71-55-6	
1,1,2,2-Tetrachloroethane	11.2 U	ug/kg	11.2	3.4	1	10/19/17 05:00	10/19/17 15:12	79-34-5	
1,1,2-Trichloroethane	12.6 U	ug/kg	12.6	3.8	1	10/19/17 05:00	10/19/17 15:12	79-00-5	
1,1,2-Trichlorotrifluoroethane	21.2 U	ug/kg	21.2	6.4	1	10/19/17 05:00	10/19/17 15:12	76-13-1	
1,1-Dichloroethane	15.0 U	ug/kg	15.0	4.5	1	10/19/17 05:00	10/19/17 15:12	75-34-3	
1,1-Dichloroethene	17.0 U	ug/kg	17.0	5.1	1	10/19/17 05:00	10/19/17 15:12	75-35-4	
1,1-Dichloropropene	17.5 U	ug/kg	17.5	5.2	1	10/19/17 05:00	10/19/17 15:12	563-58-6	
1,2,3-Trichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/19/17 05:00	10/19/17 15:12	87-61-6	
1,2,3-Trichloropropane	11.5 U	ug/kg	11.5	3.5	1	10/19/17 05:00	10/19/17 15:12	96-18-4	
1,2,4-Trichlorobenzene	12.0 U	ug/kg	12.0	3.6	1	10/19/17 05:00	10/19/17 15:12	120-82-1	
1,2,4-Trimethylbenzene	10.5 U	ug/kg	10.5	3.2	1	10/19/17 05:00	10/19/17 15:12	95-63-6	
1,2-Dibromo-3-chloropropane	15.3 U	ug/kg	15.3	4.6	1	10/19/17 05:00	10/19/17 15:12	96-12-8	
1,2-Dibromoethane (EDB)	13.1 U	ug/kg	13.1	3.9	1	10/19/17 05:00	10/19/17 15:12	106-93-4	
1,2-Dichlorobenzene	11.7 U	ug/kg	11.7	3.5	1	10/19/17 05:00	10/19/17 15:12	95-50-1	
1,2-Dichloroethane	16.9 U	ug/kg	16.9	5.1	1	10/19/17 05:00	10/19/17 15:12	107-06-2	
1,2-Dichloroethene (Total)	34.6 U	ug/kg	34.6	10.4	1	10/19/17 05:00	10/19/17 15:12	540-59-0	
1,2-Dichloropropane	10.5 U	ug/kg	10.5	3.1	1	10/19/17 05:00	10/19/17 15:12	78-87-5	
1,3,5-Trimethylbenzene	10.9 U	ug/kg	10.9	3.3	1	10/19/17 05:00	10/19/17 15:12	108-67-8	
1,3-Dichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/19/17 05:00	10/19/17 15:12	541-73-1	
1,3-Dichloropropane	10.5 U	ug/kg	10.5	3.2	1	10/19/17 05:00	10/19/17 15:12	142-28-9	
1,4-Dichlorobenzene	11.2 U	ug/kg	11.2	3.3	1	10/19/17 05:00	10/19/17 15:12	106-46-7	
2,2-Dichloropropane	17.4 U	ug/kg	17.4	5.2	1	10/19/17 05:00	10/19/17 15:12	594-20-7	
2-Butanone (MEK)	15.3 U	ug/kg	15.3	4.6	1	10/19/17 05:00	10/19/17 15:12	78-93-3	
2-Chlorotoluene	10.7 U	ug/kg	10.7	3.2	1	10/19/17 05:00	10/19/17 15:12	95-49-8	
4-Chlorotoluene	12.4 U	ug/kg	12.4	3.7	1	10/19/17 05:00	10/19/17 15:12	106-43-4	
4-Methyl-2-pentanone (MIBK)	10.7 U	ug/kg	10.7	3.2	1	10/19/17 05:00	10/19/17 15:12	108-10-1	
Acetone	18.4J	ug/kg	31.3	9.4	1	10/19/17 05:00	10/19/17 15:12	67-64-1	
Allyl chloride	17.1 U	ug/kg	17.1	5.1	1	10/19/17 05:00	10/19/17 15:12	107-05-1	
Benzene	15.4 U	ug/kg	15.4	4.6	1	10/19/17 05:00	10/19/17 15:12	71-43-2	
Bromobenzene	12.1 U	ug/kg	12.1	3.6	1	10/19/17 05:00	10/19/17 15:12	108-86-1	
Bromochloromethane	18.8 U	ug/kg	18.8	5.6	1	10/19/17 05:00	10/19/17 15:12	74-97-5	
Bromodichloromethane	10.9 U	ug/kg	10.9	3.3	1	10/19/17 05:00	10/19/17 15:12	75-27-4	
Bromoform	13.7 U	ug/kg	13.7	4.1	1	10/19/17 05:00	10/19/17 15:12	75-25-2	L2
Bromomethane	24.9 U	ug/kg	24.9	7.5	1	10/19/17 05:00	10/19/17 15:12	74-83-9	
Carbon tetrachloride	16.6 U	ug/kg	16.6	5.0	1	10/19/17 05:00	10/19/17 15:12	56-23-5	
Chlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/19/17 05:00	10/19/17 15:12	108-90-7	
Chloroethane	14.4 U	ug/kg	14.4	4.3	1	10/19/17 05:00	10/19/17 15:12	75-00-3	
Chloroform	17.3 U	ug/kg	17.3	5.2	1	10/19/17 05:00	10/19/17 15:12	67-66-3	
Chloromethane	13.7 U	ug/kg	13.7	4.1	1	10/19/17 05:00	10/19/17 15:12	74-87-3	
Dibromochloromethane	10.6 U	ug/kg	10.6	3.2	1	10/19/17 05:00	10/19/17 15:12	124-48-1	
Dibromomethane	13.9 U	ug/kg	13.9	4.2	1	10/19/17 05:00	10/19/17 15:12	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171010-RF-17 **Lab ID: 10406679017** Collected: 10/10/17 10:40 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	19.8 U	ug/kg	19.8	5.9	1	10/19/17 05:00	10/19/17 15:12	75-71-8	
Dichlorofluoromethane	16.2 U	ug/kg	16.2	4.9	1	10/19/17 05:00	10/19/17 15:12	75-43-4	
Diethyl ether (Ethyl ether)	16.0 U	ug/kg	16.0	4.8	1	10/19/17 05:00	10/19/17 15:12	60-29-7	
Ethylbenzene	12.2 U	ug/kg	12.2	3.7	1	10/19/17 05:00	10/19/17 15:12	100-41-4	
Hexachloro-1,3-butadiene	12.4 U	ug/kg	12.4	3.7	1	10/19/17 05:00	10/19/17 15:12	87-68-3	
Isopropylbenzene (Cumene)	12.9 U	ug/kg	12.9	3.9	1	10/19/17 05:00	10/19/17 15:12	98-82-8	
Methyl-tert-butyl ether	16.5 U	ug/kg	16.5	4.9	1	10/19/17 05:00	10/19/17 15:12	1634-04-4	
Methylene Chloride	16.0 U	ug/kg	16.0	4.8	1	10/19/17 05:00	10/19/17 15:12	75-09-2	
Naphthalene	10.6 U	ug/kg	10.6	3.2	1	10/19/17 05:00	10/19/17 15:12	91-20-3	
Styrene	13.6 U	ug/kg	13.6	4.1	1	10/19/17 05:00	10/19/17 15:12	100-42-5	
Tetrachloroethene	14.7 U	ug/kg	14.7	4.4	1	10/19/17 05:00	10/19/17 15:12	127-18-4	
Tetrahydrofuran	15.4 U	ug/kg	15.4	4.6	1	10/19/17 05:00	10/19/17 15:12	109-99-9	
Toluene	11.7 U	ug/kg	11.7	3.5	1	10/19/17 05:00	10/19/17 15:12	108-88-3	
Trichloroethene	11.5 U	ug/kg	11.5	3.4	1	10/19/17 05:00	10/19/17 15:12	79-01-6	
Trichlorofluoromethane	19.2 U	ug/kg	19.2	5.8	1	10/19/17 05:00	10/19/17 15:12	75-69-4	
Vinyl chloride	14.9 U	ug/kg	14.9	4.5	1	10/19/17 05:00	10/19/17 15:12	75-01-4	
Xylene (Total)	39.3 U	ug/kg	39.3	11.8	1	10/19/17 05:00	10/19/17 15:12	1330-20-7	
cis-1,2-Dichloroethene	17.2 U	ug/kg	17.2	5.2	1	10/19/17 05:00	10/19/17 15:12	156-59-2	
cis-1,3-Dichloropropene	8.2 U	ug/kg	8.2	2.5	1	10/19/17 05:00	10/19/17 15:12	10061-01-5	
m&p-Xylene	26.9 U	ug/kg	26.9	8.1	1	10/19/17 05:00	10/19/17 15:12	179601-23-1	
n-Butylbenzene	11.2 U	ug/kg	11.2	3.4	1	10/19/17 05:00	10/19/17 15:12	104-51-8	
n-Propylbenzene	10.9 U	ug/kg	10.9	3.3	1	10/19/17 05:00	10/19/17 15:12	103-65-1	
o-Xylene	12.4 U	ug/kg	12.4	3.7	1	10/19/17 05:00	10/19/17 15:12	95-47-6	
p-Isopropyltoluene	10.7 U	ug/kg	10.7	3.2	1	10/19/17 05:00	10/19/17 15:12	99-87-6	
sec-Butylbenzene	11.6 U	ug/kg	11.6	3.5	1	10/19/17 05:00	10/19/17 15:12	135-98-8	
tert-Butylbenzene	10.4 U	ug/kg	10.4	3.1	1	10/19/17 05:00	10/19/17 15:12	98-06-6	
trans-1,2-Dichloroethene	17.4 U	ug/kg	17.4	5.2	1	10/19/17 05:00	10/19/17 15:12	156-60-5	
trans-1,3-Dichloropropene	7.9 U	ug/kg	7.9	2.4	1	10/19/17 05:00	10/19/17 15:12	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	104	%	70-130		1	10/19/17 05:00	10/19/17 15:12	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1	10/19/17 05:00	10/19/17 15:12	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130		1	10/19/17 05:00	10/19/17 15:12	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: S-171010-RF-18 Lab ID: 10406679018 Collected: 10/10/17 11:15 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	4.7	%	0.10	0.10	1		10/11/17 14:53		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.7 U	ug/kg	10.7	3.2	1	10/19/17 05:00	10/19/17 15:34	630-20-6	
1,1,1-Trichloroethane	18.5 U	ug/kg	18.5	5.6	1	10/19/17 05:00	10/19/17 15:34	71-55-6	
1,1,2,2-Tetrachloroethane	11.7 U	ug/kg	11.7	3.5	1	10/19/17 05:00	10/19/17 15:34	79-34-5	
1,1,2-Trichloroethane	13.2 U	ug/kg	13.2	4.0	1	10/19/17 05:00	10/19/17 15:34	79-00-5	
1,1,2-Trichlorotrifluoroethane	22.2 U	ug/kg	22.2	6.7	1	10/19/17 05:00	10/19/17 15:34	76-13-1	
1,1-Dichloroethane	15.7 U	ug/kg	15.7	4.7	1	10/19/17 05:00	10/19/17 15:34	75-34-3	
1,1-Dichloroethene	17.8 U	ug/kg	17.8	5.3	1	10/19/17 05:00	10/19/17 15:34	75-35-4	
1,1-Dichloropropene	18.3 U	ug/kg	18.3	5.5	1	10/19/17 05:00	10/19/17 15:34	563-58-6	
1,2,3-Trichlorobenzene	12.3 U	ug/kg	12.3	3.7	1	10/19/17 05:00	10/19/17 15:34	87-61-6	
1,2,3-Trichloropropane	12.0 U	ug/kg	12.0	3.6	1	10/19/17 05:00	10/19/17 15:34	96-18-4	
1,2,4-Trichlorobenzene	12.5 U	ug/kg	12.5	3.8	1	10/19/17 05:00	10/19/17 15:34	120-82-1	
1,2,4-Trimethylbenzene	11.0 U	ug/kg	11.0	3.3	1	10/19/17 05:00	10/19/17 15:34	95-63-6	
1,2-Dibromo-3-chloropropane	15.9 U	ug/kg	15.9	4.8	1	10/19/17 05:00	10/19/17 15:34	96-12-8	
1,2-Dibromoethane (EDB)	13.7 U	ug/kg	13.7	4.1	1	10/19/17 05:00	10/19/17 15:34	106-93-4	
1,2-Dichlorobenzene	12.2 U	ug/kg	12.2	3.7	1	10/19/17 05:00	10/19/17 15:34	95-50-1	
1,2-Dichloroethane	17.7 U	ug/kg	17.7	5.3	1	10/19/17 05:00	10/19/17 15:34	107-06-2	
1,2-Dichloroethene (Total)	36.2 U	ug/kg	36.2	10.9	1	10/19/17 05:00	10/19/17 15:34	540-59-0	
1,2-Dichloropropane	10.9 U	ug/kg	10.9	3.3	1	10/19/17 05:00	10/19/17 15:34	78-87-5	
1,3,5-Trimethylbenzene	11.4 U	ug/kg	11.4	3.4	1	10/19/17 05:00	10/19/17 15:34	108-67-8	
1,3-Dichlorobenzene	12.3 U	ug/kg	12.3	3.7	1	10/19/17 05:00	10/19/17 15:34	541-73-1	
1,3-Dichloropropane	11.0 U	ug/kg	11.0	3.3	1	10/19/17 05:00	10/19/17 15:34	142-28-9	
1,4-Dichlorobenzene	11.7 U	ug/kg	11.7	3.5	1	10/19/17 05:00	10/19/17 15:34	106-46-7	
2,2-Dichloropropane	18.2 U	ug/kg	18.2	5.5	1	10/19/17 05:00	10/19/17 15:34	594-20-7	
2-Butanone (MEK)	15.9 U	ug/kg	15.9	4.8	1	10/19/17 05:00	10/19/17 15:34	78-93-3	
2-Chlorotoluene	11.2 U	ug/kg	11.2	3.4	1	10/19/17 05:00	10/19/17 15:34	95-49-8	
4-Chlorotoluene	13.0 U	ug/kg	13.0	3.9	1	10/19/17 05:00	10/19/17 15:34	106-43-4	
4-Methyl-2-pentanone (MIBK)	11.2 U	ug/kg	11.2	3.4	1	10/19/17 05:00	10/19/17 15:34	108-10-1	
Acetone	32.7 U	ug/kg	32.7	9.8	1	10/19/17 05:00	10/19/17 15:34	67-64-1	
Allyl chloride	17.9 U	ug/kg	17.9	5.4	1	10/19/17 05:00	10/19/17 15:34	107-05-1	
Benzene	16.1 U	ug/kg	16.1	4.8	1	10/19/17 05:00	10/19/17 15:34	71-43-2	
Bromobenzene	12.7 U	ug/kg	12.7	3.8	1	10/19/17 05:00	10/19/17 15:34	108-86-1	
Bromochloromethane	19.7 U	ug/kg	19.7	5.9	1	10/19/17 05:00	10/19/17 15:34	74-97-5	
Bromodichloromethane	11.4 U	ug/kg	11.4	3.4	1	10/19/17 05:00	10/19/17 15:34	75-27-4	
Bromoform	14.3 U	ug/kg	14.3	4.3	1	10/19/17 05:00	10/19/17 15:34	75-25-2	L2
Bromomethane	26.1 U	ug/kg	26.1	7.8	1	10/19/17 05:00	10/19/17 15:34	74-83-9	
Carbon tetrachloride	17.3 U	ug/kg	17.3	5.2	1	10/19/17 05:00	10/19/17 15:34	56-23-5	
Chlorobenzene	12.5 U	ug/kg	12.5	3.7	1	10/19/17 05:00	10/19/17 15:34	108-90-7	
Chloroethane	15.1 U	ug/kg	15.1	4.5	1	10/19/17 05:00	10/19/17 15:34	75-00-3	
Chloroform	18.1 U	ug/kg	18.1	5.4	1	10/19/17 05:00	10/19/17 15:34	67-66-3	
Chloromethane	14.3 U	ug/kg	14.3	4.3	1	10/19/17 05:00	10/19/17 15:34	74-87-3	
Dibromochloromethane	11.1 U	ug/kg	11.1	3.3	1	10/19/17 05:00	10/19/17 15:34	124-48-1	
Dibromomethane	14.5 U	ug/kg	14.5	4.4	1	10/19/17 05:00	10/19/17 15:34	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171010-RF-18 **Lab ID: 10406679018** Collected: 10/10/17 11:15 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	20.7 U	ug/kg	20.7	6.2	1	10/19/17 05:00	10/19/17 15:34	75-71-8	
Dichlorofluoromethane	16.9 U	ug/kg	16.9	5.1	1	10/19/17 05:00	10/19/17 15:34	75-43-4	
Diethyl ether (Ethyl ether)	16.8 U	ug/kg	16.8	5.0	1	10/19/17 05:00	10/19/17 15:34	60-29-7	
Ethylbenzene	12.8 U	ug/kg	12.8	3.8	1	10/19/17 05:00	10/19/17 15:34	100-41-4	
Hexachloro-1,3-butadiene	12.9 U	ug/kg	12.9	3.9	1	10/19/17 05:00	10/19/17 15:34	87-68-3	
Isopropylbenzene (Cumene)	13.5 U	ug/kg	13.5	4.1	1	10/19/17 05:00	10/19/17 15:34	98-82-8	
Methyl-tert-butyl ether	17.2 U	ug/kg	17.2	5.2	1	10/19/17 05:00	10/19/17 15:34	1634-04-4	
Methylene Chloride	16.7 U	ug/kg	16.7	5.0	1	10/19/17 05:00	10/19/17 15:34	75-09-2	
Naphthalene	11.0 U	ug/kg	11.0	3.3	1	10/19/17 05:00	10/19/17 15:34	91-20-3	
Styrene	14.2 U	ug/kg	14.2	4.3	1	10/19/17 05:00	10/19/17 15:34	100-42-5	
Tetrachloroethene	15.4 U	ug/kg	15.4	4.6	1	10/19/17 05:00	10/19/17 15:34	127-18-4	
Tetrahydrofuran	16.0 U	ug/kg	16.0	4.8	1	10/19/17 05:00	10/19/17 15:34	109-99-9	
Toluene	12.2 U	ug/kg	12.2	3.7	1	10/19/17 05:00	10/19/17 15:34	108-88-3	
Trichloroethene	12.0 U	ug/kg	12.0	3.6	1	10/19/17 05:00	10/19/17 15:34	79-01-6	
Trichlorofluoromethane	20.1 U	ug/kg	20.1	6.0	1	10/19/17 05:00	10/19/17 15:34	75-69-4	
Vinyl chloride	15.6 U	ug/kg	15.6	4.7	1	10/19/17 05:00	10/19/17 15:34	75-01-4	
Xylene (Total)	41.1 U	ug/kg	41.1	12.3	1	10/19/17 05:00	10/19/17 15:34	1330-20-7	
cis-1,2-Dichloroethene	18.0 U	ug/kg	18.0	5.4	1	10/19/17 05:00	10/19/17 15:34	156-59-2	
cis-1,3-Dichloropropene	8.6 U	ug/kg	8.6	2.6	1	10/19/17 05:00	10/19/17 15:34	10061-01-5	
m&p-Xylene	28.1 U	ug/kg	28.1	8.4	1	10/19/17 05:00	10/19/17 15:34	179601-23-1	
n-Butylbenzene	11.7 U	ug/kg	11.7	3.5	1	10/19/17 05:00	10/19/17 15:34	104-51-8	
n-Propylbenzene	11.4 U	ug/kg	11.4	3.4	1	10/19/17 05:00	10/19/17 15:34	103-65-1	
o-Xylene	13.0 U	ug/kg	13.0	3.9	1	10/19/17 05:00	10/19/17 15:34	95-47-6	
p-Isopropyltoluene	11.2 U	ug/kg	11.2	3.4	1	10/19/17 05:00	10/19/17 15:34	99-87-6	
sec-Butylbenzene	12.1 U	ug/kg	12.1	3.6	1	10/19/17 05:00	10/19/17 15:34	135-98-8	
tert-Butylbenzene	10.8 U	ug/kg	10.8	3.2	1	10/19/17 05:00	10/19/17 15:34	98-06-6	
trans-1,2-Dichloroethene	18.2 U	ug/kg	18.2	5.5	1	10/19/17 05:00	10/19/17 15:34	156-60-5	
trans-1,3-Dichloropropene	8.2 U	ug/kg	8.2	2.5	1	10/19/17 05:00	10/19/17 15:34	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	108	%	70-130		1	10/19/17 05:00	10/19/17 15:34	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1	10/19/17 05:00	10/19/17 15:34	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		1	10/19/17 05:00	10/19/17 15:34	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Lab Project No.: 10406679

Sample: S-171010-RF-19 Lab ID: 10406679019 Collected: 10/10/17 11:10 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	2.3	%	0.10	0.10	1		10/11/17 14:54		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.0 U	ug/kg	10.0	3.0	1	10/19/17 05:00	10/19/17 15:57	630-20-6	
1,1,1-Trichloroethane	17.3 U	ug/kg	17.3	5.2	1	10/19/17 05:00	10/19/17 15:57	71-55-6	
1,1,2,2-Tetrachloroethane	10.9 U	ug/kg	10.9	3.3	1	10/19/17 05:00	10/19/17 15:57	79-34-5	
1,1,2-Trichloroethane	12.3 U	ug/kg	12.3	3.7	1	10/19/17 05:00	10/19/17 15:57	79-00-5	
1,1,2-Trichlorotrifluoroethane	20.7 U	ug/kg	20.7	6.2	1	10/19/17 05:00	10/19/17 15:57	76-13-1	
1,1-Dichloroethane	14.7 U	ug/kg	14.7	4.4	1	10/19/17 05:00	10/19/17 15:57	75-34-3	
1,1-Dichloroethene	16.7 U	ug/kg	16.7	5.0	1	10/19/17 05:00	10/19/17 15:57	75-35-4	
1,1-Dichloropropene	17.1 U	ug/kg	17.1	5.1	1	10/19/17 05:00	10/19/17 15:57	563-58-6	
1,2,3-Trichlorobenzene	11.5 U	ug/kg	11.5	3.5	1	10/19/17 05:00	10/19/17 15:57	87-61-6	
1,2,3-Trichloropropane	11.3 U	ug/kg	11.3	3.4	1	10/19/17 05:00	10/19/17 15:57	96-18-4	
1,2,4-Trichlorobenzene	11.7 U	ug/kg	11.7	3.5	1	10/19/17 05:00	10/19/17 15:57	120-82-1	
1,2,4-Trimethylbenzene	10.3 U	ug/kg	10.3	3.1	1	10/19/17 05:00	10/19/17 15:57	95-63-6	
1,2-Dibromo-3-chloropropane	14.9 U	ug/kg	14.9	4.5	1	10/19/17 05:00	10/19/17 15:57	96-12-8	
1,2-Dibromoethane (EDB)	12.8 U	ug/kg	12.8	3.9	1	10/19/17 05:00	10/19/17 15:57	106-93-4	
1,2-Dichlorobenzene	11.4 U	ug/kg	11.4	3.4	1	10/19/17 05:00	10/19/17 15:57	95-50-1	
1,2-Dichloroethane	16.6 U	ug/kg	16.6	5.0	1	10/19/17 05:00	10/19/17 15:57	107-06-2	
1,2-Dichloroethene (Total)	33.8 U	ug/kg	33.8	10.2	1	10/19/17 05:00	10/19/17 15:57	540-59-0	
1,2-Dichloropropane	10.2 U	ug/kg	10.2	3.1	1	10/19/17 05:00	10/19/17 15:57	78-87-5	
1,3,5-Trimethylbenzene	10.6 U	ug/kg	10.6	3.2	1	10/19/17 05:00	10/19/17 15:57	108-67-8	
1,3-Dichlorobenzene	11.5 U	ug/kg	11.5	3.5	1	10/19/17 05:00	10/19/17 15:57	541-73-1	
1,3-Dichloropropane	10.3 U	ug/kg	10.3	3.1	1	10/19/17 05:00	10/19/17 15:57	142-28-9	
1,4-Dichlorobenzene	10.9 U	ug/kg	10.9	3.3	1	10/19/17 05:00	10/19/17 15:57	106-46-7	
2,2-Dichloropropane	17.0 U	ug/kg	17.0	5.1	1	10/19/17 05:00	10/19/17 15:57	594-20-7	
2-Butanone (MEK)	14.9 U	ug/kg	14.9	4.5	1	10/19/17 05:00	10/19/17 15:57	78-93-3	
2-Chlorotoluene	10.5 U	ug/kg	10.5	3.1	1	10/19/17 05:00	10/19/17 15:57	95-49-8	
4-Chlorotoluene	12.2 U	ug/kg	12.2	3.7	1	10/19/17 05:00	10/19/17 15:57	106-43-4	
4-Methyl-2-pentanone (MIBK)	10.5 U	ug/kg	10.5	3.1	1	10/19/17 05:00	10/19/17 15:57	108-10-1	
Acetone	30.6 U	ug/kg	30.6	9.2	1	10/19/17 05:00	10/19/17 15:57	67-64-1	
Allyl chloride	16.8 U	ug/kg	16.8	5.0	1	10/19/17 05:00	10/19/17 15:57	107-05-1	
Benzene	15.1 U	ug/kg	15.1	4.5	1	10/19/17 05:00	10/19/17 15:57	71-43-2	
Bromobenzene	11.8 U	ug/kg	11.8	3.6	1	10/19/17 05:00	10/19/17 15:57	108-86-1	
Bromochloromethane	18.4 U	ug/kg	18.4	5.5	1	10/19/17 05:00	10/19/17 15:57	74-97-5	
Bromodichloromethane	10.6 U	ug/kg	10.6	3.2	1	10/19/17 05:00	10/19/17 15:57	75-27-4	
Bromoform	13.3 U	ug/kg	13.3	4.0	1	10/19/17 05:00	10/19/17 15:57	75-25-2	L2
Bromomethane	24.4 U	ug/kg	24.4	7.3	1	10/19/17 05:00	10/19/17 15:57	74-83-9	
Carbon tetrachloride	16.2 U	ug/kg	16.2	4.9	1	10/19/17 05:00	10/19/17 15:57	56-23-5	
Chlorobenzene	11.7 U	ug/kg	11.7	3.5	1	10/19/17 05:00	10/19/17 15:57	108-90-7	
Chloroethane	14.1 U	ug/kg	14.1	4.2	1	10/19/17 05:00	10/19/17 15:57	75-00-3	
Chloroform	16.9 U	ug/kg	16.9	5.1	1	10/19/17 05:00	10/19/17 15:57	67-66-3	
Chloromethane	13.4 U	ug/kg	13.4	4.0	1	10/19/17 05:00	10/19/17 15:57	74-87-3	
Dibromochloromethane	10.3 U	ug/kg	10.3	3.1	1	10/19/17 05:00	10/19/17 15:57	124-48-1	
Dibromomethane	13.6 U	ug/kg	13.6	4.1	1	10/19/17 05:00	10/19/17 15:57	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171010-RF-19 Lab ID: 10406679019 Collected: 10/10/17 11:10 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	19.3 U	ug/kg	19.3	5.8	1	10/19/17 05:00	10/19/17 15:57	75-71-8	
Dichlorofluoromethane	15.8 U	ug/kg	15.8	4.7	1	10/19/17 05:00	10/19/17 15:57	75-43-4	
Diethyl ether (Ethyl ether)	15.7 U	ug/kg	15.7	4.7	1	10/19/17 05:00	10/19/17 15:57	60-29-7	
Ethylbenzene	12.0 U	ug/kg	12.0	3.6	1	10/19/17 05:00	10/19/17 15:57	100-41-4	
Hexachloro-1,3-butadiene	12.1 U	ug/kg	12.1	3.6	1	10/19/17 05:00	10/19/17 15:57	87-68-3	
Isopropylbenzene (Cumene)	12.6 U	ug/kg	12.6	3.8	1	10/19/17 05:00	10/19/17 15:57	98-82-8	
Methyl-tert-butyl ether	16.1 U	ug/kg	16.1	4.8	1	10/19/17 05:00	10/19/17 15:57	1634-04-4	
Methylene Chloride	15.6 U	ug/kg	15.6	4.7	1	10/19/17 05:00	10/19/17 15:57	75-09-2	
Naphthalene	10.3 U	ug/kg	10.3	3.1	1	10/19/17 05:00	10/19/17 15:57	91-20-3	
Styrene	13.3 U	ug/kg	13.3	4.0	1	10/19/17 05:00	10/19/17 15:57	100-42-5	
Tetrachloroethene	14.4 U	ug/kg	14.4	4.3	1	10/19/17 05:00	10/19/17 15:57	127-18-4	
Tetrahydrofuran	15.0 U	ug/kg	15.0	4.5	1	10/19/17 05:00	10/19/17 15:57	109-99-9	
Toluene	11.4 U	ug/kg	11.4	3.4	1	10/19/17 05:00	10/19/17 15:57	108-88-3	
Trichloroethene	11.2 U	ug/kg	11.2	3.4	1	10/19/17 05:00	10/19/17 15:57	79-01-6	
Trichlorofluoromethane	18.8 U	ug/kg	18.8	5.6	1	10/19/17 05:00	10/19/17 15:57	75-69-4	
Vinyl chloride	14.6 U	ug/kg	14.6	4.4	1	10/19/17 05:00	10/19/17 15:57	75-01-4	
Xylene (Total)	38.4 U	ug/kg	38.4	11.5	1	10/19/17 05:00	10/19/17 15:57	1330-20-7	
cis-1,2-Dichloroethene	16.8 U	ug/kg	16.8	5.0	1	10/19/17 05:00	10/19/17 15:57	156-59-2	
cis-1,3-Dichloropropene	8.0 U	ug/kg	8.0	2.4	1	10/19/17 05:00	10/19/17 15:57	10061-01-5	
m&p-Xylene	26.3 U	ug/kg	26.3	7.9	1	10/19/17 05:00	10/19/17 15:57	179601-23-1	
n-Butylbenzene	11.0 U	ug/kg	11.0	3.3	1	10/19/17 05:00	10/19/17 15:57	104-51-8	
n-Propylbenzene	10.6 U	ug/kg	10.6	3.2	1	10/19/17 05:00	10/19/17 15:57	103-65-1	
o-Xylene	12.1 U	ug/kg	12.1	3.6	1	10/19/17 05:00	10/19/17 15:57	95-47-6	
p-Isopropyltoluene	10.4 U	ug/kg	10.4	3.1	1	10/19/17 05:00	10/19/17 15:57	99-87-6	
sec-Butylbenzene	11.3 U	ug/kg	11.3	3.4	1	10/19/17 05:00	10/19/17 15:57	135-98-8	
tert-Butylbenzene	10.1 U	ug/kg	10.1	3.0	1	10/19/17 05:00	10/19/17 15:57	98-06-6	
trans-1,2-Dichloroethene	17.0 U	ug/kg	17.0	5.1	1	10/19/17 05:00	10/19/17 15:57	156-60-5	
trans-1,3-Dichloropropene	7.7 U	ug/kg	7.7	2.3	1	10/19/17 05:00	10/19/17 15:57	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	107	%	70-130		1	10/19/17 05:00	10/19/17 15:57	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1	10/19/17 05:00	10/19/17 15:57	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		1	10/19/17 05:00	10/19/17 15:57	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: S-171010-RF-20 Lab ID: 10406679020 Collected: 10/10/17 11:40 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	5.1	%	0.10	0.10	1		10/12/17 10:56		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.8 U	ug/kg	10.8	3.2	1	10/19/17 05:00	10/19/17 16:20	630-20-6	
1,1,1-Trichloroethane	18.6 U	ug/kg	18.6	5.6	1	10/19/17 05:00	10/19/17 16:20	71-55-6	
1,1,2,2-Tetrachloroethane	11.7 U	ug/kg	11.7	3.5	1	10/19/17 05:00	10/19/17 16:20	79-34-5	
1,1,2-Trichloroethane	13.2 U	ug/kg	13.2	4.0	1	10/19/17 05:00	10/19/17 16:20	79-00-5	
1,1,2-Trichlorotrifluoroethane	22.2 U	ug/kg	22.2	6.7	1	10/19/17 05:00	10/19/17 16:20	76-13-1	
1,1-Dichloroethane	15.7 U	ug/kg	15.7	4.7	1	10/19/17 05:00	10/19/17 16:20	75-34-3	
1,1-Dichloroethene	17.8 U	ug/kg	17.8	5.4	1	10/19/17 05:00	10/19/17 16:20	75-35-4	
1,1-Dichloropropene	18.3 U	ug/kg	18.3	5.5	1	10/19/17 05:00	10/19/17 16:20	563-58-6	
1,2,3-Trichlorobenzene	12.3 U	ug/kg	12.3	3.7	1	10/19/17 05:00	10/19/17 16:20	87-61-6	
1,2,3-Trichloropropane	12.1 U	ug/kg	12.1	3.6	1	10/19/17 05:00	10/19/17 16:20	96-18-4	
1,2,4-Trichlorobenzene	12.5 U	ug/kg	12.5	3.8	1	10/19/17 05:00	10/19/17 16:20	120-82-1	
1,2,4-Trimethylbenzene	11.1 U	ug/kg	11.1	3.3	1	10/19/17 05:00	10/19/17 16:20	95-63-6	
1,2-Dibromo-3-chloropropane	16.0 U	ug/kg	16.0	4.8	1	10/19/17 05:00	10/19/17 16:20	96-12-8	
1,2-Dibromoethane (EDB)	13.8 U	ug/kg	13.8	4.1	1	10/19/17 05:00	10/19/17 16:20	106-93-4	
1,2-Dichlorobenzene	12.2 U	ug/kg	12.2	3.7	1	10/19/17 05:00	10/19/17 16:20	95-50-1	
1,2-Dichloroethane	17.7 U	ug/kg	17.7	5.3	1	10/19/17 05:00	10/19/17 16:20	107-06-2	
1,2-Dichloroethene (Total)	36.3 U	ug/kg	36.3	10.9	1	10/19/17 05:00	10/19/17 16:20	540-59-0	
1,2-Dichloropropane	11.0 U	ug/kg	11.0	3.3	1	10/19/17 05:00	10/19/17 16:20	78-87-5	
1,3,5-Trimethylbenzene	11.4 U	ug/kg	11.4	3.4	1	10/19/17 05:00	10/19/17 16:20	108-67-8	
1,3-Dichlorobenzene	12.3 U	ug/kg	12.3	3.7	1	10/19/17 05:00	10/19/17 16:20	541-73-1	
1,3-Dichloropropane	11.1 U	ug/kg	11.1	3.3	1	10/19/17 05:00	10/19/17 16:20	142-28-9	
1,4-Dichlorobenzene	11.7 U	ug/kg	11.7	3.5	1	10/19/17 05:00	10/19/17 16:20	106-46-7	
2,2-Dichloropropane	18.2 U	ug/kg	18.2	5.5	1	10/19/17 05:00	10/19/17 16:20	594-20-7	
2-Butanone (MEK)	16.0 U	ug/kg	16.0	4.8	1	10/19/17 05:00	10/19/17 16:20	78-93-3	
2-Chlorotoluene	11.2 U	ug/kg	11.2	3.4	1	10/19/17 05:00	10/19/17 16:20	95-49-8	
4-Chlorotoluene	13.0 U	ug/kg	13.0	3.9	1	10/19/17 05:00	10/19/17 16:20	106-43-4	
4-Methyl-2-pentanone (MIBK)	11.2 U	ug/kg	11.2	3.4	1	10/19/17 05:00	10/19/17 16:20	108-10-1	
Acetone	32.7 U	ug/kg	32.7	9.8	1	10/19/17 05:00	10/19/17 16:20	67-64-1	
Allyl chloride	18.0 U	ug/kg	18.0	5.4	1	10/19/17 05:00	10/19/17 16:20	107-05-1	
Benzene	16.1 U	ug/kg	16.1	4.8	1	10/19/17 05:00	10/19/17 16:20	71-43-2	
Bromobenzene	12.7 U	ug/kg	12.7	3.8	1	10/19/17 05:00	10/19/17 16:20	108-86-1	
Bromochloromethane	19.7 U	ug/kg	19.7	5.9	1	10/19/17 05:00	10/19/17 16:20	74-97-5	
Bromodichloromethane	11.4 U	ug/kg	11.4	3.4	1	10/19/17 05:00	10/19/17 16:20	75-27-4	
Bromoform	14.3 U	ug/kg	14.3	4.3	1	10/19/17 05:00	10/19/17 16:20	75-25-2	L2
Bromomethane	26.1 U	ug/kg	26.1	7.8	1	10/19/17 05:00	10/19/17 16:20	74-83-9	
Carbon tetrachloride	17.4 U	ug/kg	17.4	5.2	1	10/19/17 05:00	10/19/17 16:20	56-23-5	
Chlorobenzene	12.5 U	ug/kg	12.5	3.7	1	10/19/17 05:00	10/19/17 16:20	108-90-7	
Chloroethane	15.1 U	ug/kg	15.1	4.5	1	10/19/17 05:00	10/19/17 16:20	75-00-3	
Chloroform	18.2 U	ug/kg	18.2	5.4	1	10/19/17 05:00	10/19/17 16:20	67-66-3	
Chloromethane	14.3 U	ug/kg	14.3	4.3	1	10/19/17 05:00	10/19/17 16:20	74-87-3	
Dibromochloromethane	11.1 U	ug/kg	11.1	3.3	1	10/19/17 05:00	10/19/17 16:20	124-48-1	
Dibromomethane	14.6 U	ug/kg	14.6	4.4	1	10/19/17 05:00	10/19/17 16:20	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171010-RF-20 Lab ID: 10406679020 Collected: 10/10/17 11:40 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	20.7 U	ug/kg	20.7	6.2	1	10/19/17 05:00	10/19/17 16:20	75-71-8	
Dichlorofluoromethane	16.9 U	ug/kg	16.9	5.1	1	10/19/17 05:00	10/19/17 16:20	75-43-4	
Diethyl ether (Ethyl ether)	16.8 U	ug/kg	16.8	5.0	1	10/19/17 05:00	10/19/17 16:20	60-29-7	
Ethylbenzene	12.8 U	ug/kg	12.8	3.8	1	10/19/17 05:00	10/19/17 16:20	100-41-4	
Hexachloro-1,3-butadiene	13.0 U	ug/kg	13.0	3.9	1	10/19/17 05:00	10/19/17 16:20	87-68-3	
Isopropylbenzene (Cumene)	13.6 U	ug/kg	13.6	4.1	1	10/19/17 05:00	10/19/17 16:20	98-82-8	
Methyl-tert-butyl ether	17.3 U	ug/kg	17.3	5.2	1	10/19/17 05:00	10/19/17 16:20	1634-04-4	
Methylene Chloride	16.8 U	ug/kg	16.8	5.0	1	10/19/17 05:00	10/19/17 16:20	75-09-2	
Naphthalene	11.1 U	ug/kg	11.1	3.3	1	10/19/17 05:00	10/19/17 16:20	91-20-3	
Styrene	14.2 U	ug/kg	14.2	4.3	1	10/19/17 05:00	10/19/17 16:20	100-42-5	
Tetrachloroethene	15.4 U	ug/kg	15.4	4.6	1	10/19/17 05:00	10/19/17 16:20	127-18-4	
Tetrahydrofuran	16.1 U	ug/kg	16.1	4.8	1	10/19/17 05:00	10/19/17 16:20	109-99-9	
Toluene	12.2 U	ug/kg	12.2	3.7	1	10/19/17 05:00	10/19/17 16:20	108-88-3	
Trichloroethene	12.0 U	ug/kg	12.0	3.6	1	10/19/17 05:00	10/19/17 16:20	79-01-6	
Trichlorofluoromethane	20.1 U	ug/kg	20.1	6.0	1	10/19/17 05:00	10/19/17 16:20	75-69-4	
Vinyl chloride	15.6 U	ug/kg	15.6	4.7	1	10/19/17 05:00	10/19/17 16:20	75-01-4	
Xylene (Total)	41.2 U	ug/kg	41.2	12.4	1	10/19/17 05:00	10/19/17 16:20	1330-20-7	
cis-1,2-Dichloroethene	18.0 U	ug/kg	18.0	5.4	1	10/19/17 05:00	10/19/17 16:20	156-59-2	
cis-1,3-Dichloropropene	8.6 U	ug/kg	8.6	2.6	1	10/19/17 05:00	10/19/17 16:20	10061-01-5	
m&p-Xylene	28.2 U	ug/kg	28.2	8.5	1	10/19/17 05:00	10/19/17 16:20	179601-23-1	
n-Butylbenzene	11.7 U	ug/kg	11.7	3.5	1	10/19/17 05:00	10/19/17 16:20	104-51-8	
n-Propylbenzene	11.4 U	ug/kg	11.4	3.4	1	10/19/17 05:00	10/19/17 16:20	103-65-1	
o-Xylene	13.0 U	ug/kg	13.0	3.9	1	10/19/17 05:00	10/19/17 16:20	95-47-6	
p-Isopropyltoluene	11.2 U	ug/kg	11.2	3.4	1	10/19/17 05:00	10/19/17 16:20	99-87-6	
sec-Butylbenzene	12.1 U	ug/kg	12.1	3.6	1	10/19/17 05:00	10/19/17 16:20	135-98-8	
tert-Butylbenzene	10.8 U	ug/kg	10.8	3.3	1	10/19/17 05:00	10/19/17 16:20	98-06-6	
trans-1,2-Dichloroethene	18.3 U	ug/kg	18.3	5.5	1	10/19/17 05:00	10/19/17 16:20	156-60-5	
trans-1,3-Dichloropropene	8.2 U	ug/kg	8.2	2.5	1	10/19/17 05:00	10/19/17 16:20	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	109	%	70-130		1	10/19/17 05:00	10/19/17 16:20	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1	10/19/17 05:00	10/19/17 16:20	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1	10/19/17 05:00	10/19/17 16:20	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Sample Project No.: 10406679

Sample: S-171010-RF-21 Lab ID: 10406679021 Collected: 10/10/17 12:10 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	6.0	%	0.10	0.10	1		10/12/17 10:57		
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
1,1,1,2-Tetrachloroethane	10.4 U	ug/kg	10.4	3.1	1	10/19/17 05:00	10/19/17 16:43	630-20-6	
1,1,1-Trichloroethane	17.9 U	ug/kg	17.9	5.4	1	10/19/17 05:00	10/19/17 16:43	71-55-6	
1,1,2,2-Tetrachloroethane	11.3 U	ug/kg	11.3	3.4	1	10/19/17 05:00	10/19/17 16:43	79-34-5	
1,1,2-Trichloroethane	12.7 U	ug/kg	12.7	3.8	1	10/19/17 05:00	10/19/17 16:43	79-00-5	
1,1,2-Trichlorotrifluoroethane	21.4 U	ug/kg	21.4	6.4	1	10/19/17 05:00	10/19/17 16:43	76-13-1	
1,1-Dichloroethane	15.2 U	ug/kg	15.2	4.5	1	10/19/17 05:00	10/19/17 16:43	75-34-3	
1,1-Dichloroethene	17.2 U	ug/kg	17.2	5.2	1	10/19/17 05:00	10/19/17 16:43	75-35-4	
1,1-Dichloropropene	17.6 U	ug/kg	17.6	5.3	1	10/19/17 05:00	10/19/17 16:43	563-58-6	
1,2,3-Trichlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/19/17 05:00	10/19/17 16:43	87-61-6	
1,2,3-Trichloropropane	11.6 U	ug/kg	11.6	3.5	1	10/19/17 05:00	10/19/17 16:43	96-18-4	
1,2,4-Trichlorobenzene	12.1 U	ug/kg	12.1	3.6	1	10/19/17 05:00	10/19/17 16:43	120-82-1	
1,2,4-Trimethylbenzene	10.6 U	ug/kg	10.6	3.2	1	10/19/17 05:00	10/19/17 16:43	95-63-6	
1,2-Dibromo-3-chloropropane	15.4 U	ug/kg	15.4	4.6	1	10/19/17 05:00	10/19/17 16:43	96-12-8	
1,2-Dibromoethane (EDB)	13.2 U	ug/kg	13.2	4.0	1	10/19/17 05:00	10/19/17 16:43	106-93-4	
1,2-Dichlorobenzene	11.8 U	ug/kg	11.8	3.5	1	10/19/17 05:00	10/19/17 16:43	95-50-1	
1,2-Dichloroethane	17.1 U	ug/kg	17.1	5.1	1	10/19/17 05:00	10/19/17 16:43	107-06-2	
1,2-Dichloroethene (Total)	34.9 U	ug/kg	34.9	10.5	1	10/19/17 05:00	10/19/17 16:43	540-59-0	
1,2-Dichloropropane	10.6 U	ug/kg	10.6	3.2	1	10/19/17 05:00	10/19/17 16:43	78-87-5	
1,3,5-Trimethylbenzene	11.0 U	ug/kg	11.0	3.3	1	10/19/17 05:00	10/19/17 16:43	108-67-8	
1,3-Dichlorobenzene	11.9 U	ug/kg	11.9	3.6	1	10/19/17 05:00	10/19/17 16:43	541-73-1	
1,3-Dichloropropane	10.6 U	ug/kg	10.6	3.2	1	10/19/17 05:00	10/19/17 16:43	142-28-9	
1,4-Dichlorobenzene	11.3 U	ug/kg	11.3	3.4	1	10/19/17 05:00	10/19/17 16:43	106-46-7	
2,2-Dichloropropane	17.5 U	ug/kg	17.5	5.3	1	10/19/17 05:00	10/19/17 16:43	594-20-7	
2-Butanone (MEK)	15.4 U	ug/kg	15.4	4.6	1	10/19/17 05:00	10/19/17 16:43	78-93-3	
2-Chlorotoluene	10.8 U	ug/kg	10.8	3.2	1	10/19/17 05:00	10/19/17 16:43	95-49-8	
4-Chlorotoluene	12.6 U	ug/kg	12.6	3.8	1	10/19/17 05:00	10/19/17 16:43	106-43-4	
4-Methyl-2-pentanone (MIBK)	10.8 U	ug/kg	10.8	3.2	1	10/19/17 05:00	10/19/17 16:43	108-10-1	
Acetone	31.5 U	ug/kg	31.5	9.5	1	10/19/17 05:00	10/19/17 16:43	67-64-1	
Allyl chloride	17.3 U	ug/kg	17.3	5.2	1	10/19/17 05:00	10/19/17 16:43	107-05-1	
Benzene	15.5 U	ug/kg	15.5	4.7	1	10/19/17 05:00	10/19/17 16:43	71-43-2	
Bromobenzene	12.2 U	ug/kg	12.2	3.7	1	10/19/17 05:00	10/19/17 16:43	108-86-1	
Bromochloromethane	19.0 U	ug/kg	19.0	5.7	1	10/19/17 05:00	10/19/17 16:43	74-97-5	
Bromodichloromethane	11.0 U	ug/kg	11.0	3.3	1	10/19/17 05:00	10/19/17 16:43	75-27-4	
Bromoform	13.8 U	ug/kg	13.8	4.1	1	10/19/17 05:00	10/19/17 16:43	75-25-2	L2
Bromomethane	25.1 U	ug/kg	25.1	7.5	1	10/19/17 05:00	10/19/17 16:43	74-83-9	
Carbon tetrachloride	16.7 U	ug/kg	16.7	5.0	1	10/19/17 05:00	10/19/17 16:43	56-23-5	
Chlorobenzene	12.0 U	ug/kg	12.0	3.6	1	10/19/17 05:00	10/19/17 16:43	108-90-7	
Chloroethane	14.6 U	ug/kg	14.6	4.4	1	10/19/17 05:00	10/19/17 16:43	75-00-3	
Chloroform	17.5 U	ug/kg	17.5	5.2	1	10/19/17 05:00	10/19/17 16:43	67-66-3	
Chloromethane	13.8 U	ug/kg	13.8	4.1	1	10/19/17 05:00	10/19/17 16:43	74-87-3	
Dibromochloromethane	10.7 U	ug/kg	10.7	3.2	1	10/19/17 05:00	10/19/17 16:43	124-48-1	
Dibromomethane	14.0 U	ug/kg	14.0	4.2	1	10/19/17 05:00	10/19/17 16:43	74-95-3	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171010-RF-21 **Lab ID: 10406679021** Collected: 10/10/17 12:10 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Low Level		Analytical Method: EPA 8260 Preparation Method: EPA 8260							
Dichlorodifluoromethane	19.9 U	ug/kg	19.9	6.0	1	10/19/17 05:00	10/19/17 16:43	75-71-8	
Dichlorofluoromethane	16.3 U	ug/kg	16.3	4.9	1	10/19/17 05:00	10/19/17 16:43	75-43-4	
Diethyl ether (Ethyl ether)	16.2 U	ug/kg	16.2	4.9	1	10/19/17 05:00	10/19/17 16:43	60-29-7	
Ethylbenzene	12.3 U	ug/kg	12.3	3.7	1	10/19/17 05:00	10/19/17 16:43	100-41-4	
Hexachloro-1,3-butadiene	12.5 U	ug/kg	12.5	3.7	1	10/19/17 05:00	10/19/17 16:43	87-68-3	
Isopropylbenzene (Cumene)	13.1 U	ug/kg	13.1	3.9	1	10/19/17 05:00	10/19/17 16:43	98-82-8	
Methyl-tert-butyl ether	16.6 U	ug/kg	16.6	5.0	1	10/19/17 05:00	10/19/17 16:43	1634-04-4	
Methylene Chloride	16.1 U	ug/kg	16.1	4.8	1	10/19/17 05:00	10/19/17 16:43	75-09-2	
Naphthalene	10.7 U	ug/kg	10.7	3.2	1	10/19/17 05:00	10/19/17 16:43	91-20-3	
Styrene	13.7 U	ug/kg	13.7	4.1	1	10/19/17 05:00	10/19/17 16:43	100-42-5	
Tetrachloroethene	14.8 U	ug/kg	14.8	4.4	1	10/19/17 05:00	10/19/17 16:43	127-18-4	
Tetrahydrofuran	15.5 U	ug/kg	15.5	4.6	1	10/19/17 05:00	10/19/17 16:43	109-99-9	
Toluene	11.8 U	ug/kg	11.8	3.5	1	10/19/17 05:00	10/19/17 16:43	108-88-3	
Trichloroethene	11.6 U	ug/kg	11.6	3.5	1	10/19/17 05:00	10/19/17 16:43	79-01-6	
Trichlorofluoromethane	19.3 U	ug/kg	19.3	5.8	1	10/19/17 05:00	10/19/17 16:43	75-69-4	
Vinyl chloride	15.0 U	ug/kg	15.0	4.5	1	10/19/17 05:00	10/19/17 16:43	75-01-4	
Xylene (Total)	39.7 U	ug/kg	39.7	11.9	1	10/19/17 05:00	10/19/17 16:43	1330-20-7	
cis-1,2-Dichloroethene	17.3 U	ug/kg	17.3	5.2	1	10/19/17 05:00	10/19/17 16:43	156-59-2	
cis-1,3-Dichloropropene	8.3 U	ug/kg	8.3	2.5	1	10/19/17 05:00	10/19/17 16:43	10061-01-5	
m&p-Xylene	27.2 U	ug/kg	27.2	8.1	1	10/19/17 05:00	10/19/17 16:43	179601-23-1	
n-Butylbenzene	11.3 U	ug/kg	11.3	3.4	1	10/19/17 05:00	10/19/17 16:43	104-51-8	
n-Propylbenzene	11.0 U	ug/kg	11.0	3.3	1	10/19/17 05:00	10/19/17 16:43	103-65-1	
o-Xylene	12.5 U	ug/kg	12.5	3.8	1	10/19/17 05:00	10/19/17 16:43	95-47-6	
p-Isopropyltoluene	10.8 U	ug/kg	10.8	3.2	1	10/19/17 05:00	10/19/17 16:43	99-87-6	
sec-Butylbenzene	11.7 U	ug/kg	11.7	3.5	1	10/19/17 05:00	10/19/17 16:43	135-98-8	
tert-Butylbenzene	10.4 U	ug/kg	10.4	3.1	1	10/19/17 05:00	10/19/17 16:43	98-06-6	
trans-1,2-Dichloroethene	17.6 U	ug/kg	17.6	5.3	1	10/19/17 05:00	10/19/17 16:43	156-60-5	
trans-1,3-Dichloropropene	7.9 U	ug/kg	7.9	2.4	1	10/19/17 05:00	10/19/17 16:43	10061-02-6	
Surrogates									
Dibromofluoromethane (S)	111	%	70-130		1	10/19/17 05:00	10/19/17 16:43	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1	10/19/17 05:00	10/19/17 16:43	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		1	10/19/17 05:00	10/19/17 16:43	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Lab Project No.: 10406679

Sample: S-171010-RF-22 Lab ID: 10406679022 Collected: 10/10/17 12:05 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Dry Weight / %M by ASTM D2974		Analytical Method: ASTM D2974							
Percent Moisture	6.0	%	0.10	0.10	1		10/12/17 10:57		
8260 MSV 5035 Med Level		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	286 U	ug/kg	286	89.0	1	10/23/17 08:00	10/23/17 15:39	67-64-1	
Allyl chloride	286 U	ug/kg	286	59.9	1	10/23/17 08:00	10/23/17 15:39	107-05-1	
Benzene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	71-43-2	
Bromobenzene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	108-86-1	
Bromochloromethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	74-97-5	
Bromodichloromethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	75-27-4	
Bromoform	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	75-25-2	
Bromomethane	286 U	ug/kg	286	80.0	1	10/23/17 08:00	10/23/17 15:39	74-83-9	
2-Butanone (MEK)	286 U	ug/kg	286	122	1	10/23/17 08:00	10/23/17 15:39	78-93-3	
n-Butylbenzene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	104-51-8	
sec-Butylbenzene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	135-98-8	
tert-Butylbenzene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	98-06-6	
Carbon tetrachloride	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	56-23-5	
Chlorobenzene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	108-90-7	
Chloroethane	286 U	ug/kg	286	76.7	1	10/23/17 08:00	10/23/17 15:39	75-00-3	
Chloroform	286 U	ug/kg	286	53.1	1	10/23/17 08:00	10/23/17 15:39	67-66-3	
Chloromethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	74-87-3	
2-Chlorotoluene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	95-49-8	
4-Chlorotoluene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	106-43-4	
1,2-Dibromo-3-chloropropane	286 U	ug/kg	286	104	1	10/23/17 08:00	10/23/17 15:39	96-12-8	
Dibromochloromethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	124-48-1	
1,2-Dibromoethane (EDB)	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	106-93-4	
Dibromomethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	74-95-3	
1,2-Dichlorobenzene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	95-50-1	
1,3-Dichlorobenzene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	541-73-1	
1,4-Dichlorobenzene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	106-46-7	
Dichlorodifluoromethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	75-71-8	
1,1-Dichloroethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	75-34-3	
1,2-Dichloroethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	107-06-2	
1,2-Dichloroethene (Total)	137 U	ug/kg	137	40.6	1	10/23/17 08:00	10/23/17 15:39	540-59-0	
1,1-Dichloroethene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	75-35-4	
cis-1,2-Dichloroethene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	156-59-2	
trans-1,2-Dichloroethene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	156-60-5	
Dichlorofluoromethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	75-43-4	
1,2-Dichloropropane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	78-87-5	
1,3-Dichloropropane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	142-28-9	
2,2-Dichloropropane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	594-20-7	
1,1-Dichloropropene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	563-58-6	
cis-1,3-Dichloropropene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	10061-01-5	
trans-1,3-Dichloropropene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	10061-02-6	
Diethyl ether (Ethyl ether)	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	60-29-7	
Ethylbenzene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	100-41-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: S-171010-RF-22 **Lab ID: 10406679022** Collected: 10/10/17 12:05 Received: 10/11/17 10:20 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Med Level		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Hexachloro-1,3-butadiene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	87-68-3	
Isopropylbenzene (Cumene)	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	98-82-8	
p-Isopropyltoluene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	99-87-6	
Methylene Chloride	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	286 U	ug/kg	286	47.0	1	10/23/17 08:00	10/23/17 15:39	108-10-1	
Methyl-tert-butyl ether	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	1634-04-4	
Naphthalene	286 U	ug/kg	286	45.8	1	10/23/17 08:00	10/23/17 15:39	91-20-3	
n-Propylbenzene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	103-65-1	
Styrene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	100-42-5	
1,1,1,2-Tetrachloroethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	630-20-6	
1,1,2,2-Tetrachloroethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	79-34-5	
Tetrachloroethene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	127-18-4	
Tetrahydrofuran	286 U	ug/kg	286	126	1	10/23/17 08:00	10/23/17 15:39	109-99-9	
Toluene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	108-88-3	
1,2,3-Trichlorobenzene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	87-61-6	
1,2,4-Trichlorobenzene	286 U	ug/kg	286	54.4	1	10/23/17 08:00	10/23/17 15:39	120-82-1	
1,1,1-Trichloroethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	71-55-6	
1,1,2-Trichloroethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	79-00-5	
Trichloroethene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	79-01-6	
Trichlorofluoromethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	75-69-4	
1,2,3-Trichloropropane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	96-18-4	
1,1,2-Trichlorotrifluoroethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	76-13-1	
1,2,4-Trimethylbenzene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	95-63-6	
1,3,5-Trimethylbenzene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	108-67-8	
Vinyl chloride	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	75-01-4	
Xylene (Total)	206 U	ug/kg	206	85.8	1	10/23/17 08:00	10/23/17 15:39	1330-20-7	
m&p-Xylene	137 U	ug/kg	137	57.2	1	10/23/17 08:00	10/23/17 15:39	179601-23-1	
o-Xylene	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	95-47-6	
Surrogates									
Dibromofluoromethane (S)	93	%	68-130		1	10/23/17 08:00	10/23/17 15:39	1868-53-7	
Toluene-d8 (S)	101	%	68-149		1	10/23/17 08:00	10/23/17 15:39	2037-26-5	
4-Bromofluorobenzene (S)	84	%	58-141		1	10/23/17 08:00	10/23/17 15:39	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171009-RF-01 **Lab ID: 10406679023** Collected: 10/09/17 13:30 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Acetone	11.1J	ug/L	20.0	8.8	1		10/18/17 17:42	67-64-1	CH,L3
Allyl chloride	4.0 U	ug/L	4.0	1.0	1		10/18/17 17:42	107-05-1	
Benzene	1.0 U	ug/L	1.0	0.34	1		10/18/17 17:42	71-43-2	
Bromobenzene	1.0 U	ug/L	1.0	0.16	1		10/18/17 17:42	108-86-1	
Bromochloromethane	1.0 U	ug/L	1.0	0.38	1		10/18/17 17:42	74-97-5	
Bromodichloromethane	1.0 U	ug/L	1.0	0.20	1		10/18/17 17:42	75-27-4	
Bromoform	4.0 U	ug/L	4.0	1.0	1		10/18/17 17:42	75-25-2	
Bromomethane	4.0 U	ug/L	4.0	1.5	1		10/18/17 17:42	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	5.0	2.4	1		10/18/17 17:42	78-93-3	
n-Butylbenzene	1.0 U	ug/L	1.0	0.13	1		10/18/17 17:42	104-51-8	
sec-Butylbenzene	0.75J	ug/L	1.0	0.12	1		10/18/17 17:42	135-98-8	
tert-Butylbenzene	1.0 U	ug/L	1.0	0.15	1		10/18/17 17:42	98-06-6	
Carbon tetrachloride	1.0 U	ug/L	1.0	0.20	1		10/18/17 17:42	56-23-5	
Chlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/18/17 17:42	108-90-7	
Chloroethane	1.0 U	ug/L	1.0	0.44	1		10/18/17 17:42	75-00-3	
Chloroform	1.0 U	ug/L	1.0	0.46	1		10/18/17 17:42	67-66-3	
Chloromethane	6.2J	ug/L	10.0	1.1	1		10/18/17 17:42	74-87-3	B
2-Chlorotoluene	1.0 U	ug/L	1.0	0.20	1		10/18/17 17:42	95-49-8	
4-Chlorotoluene	1.0 U	ug/L	1.0	0.13	1		10/18/17 17:42	106-43-4	
1,2-Dibromo-3-chloropropane	4.0 U	ug/L	4.0	1.0	1		10/18/17 17:42	96-12-8	
Dibromochloromethane	1.0 U	ug/L	1.0	0.13	1		10/18/17 17:42	124-48-1	
1,2-Dibromoethane (EDB)	1.0 U	ug/L	1.0	0.24	1		10/18/17 17:42	106-93-4	
Dibromomethane	4.0 U	ug/L	4.0	0.50	1		10/18/17 17:42	74-95-3	
1,2-Dichlorobenzene	1.0 U	ug/L	1.0	0.21	1		10/18/17 17:42	95-50-1	
1,3-Dichlorobenzene	1.0 U	ug/L	1.0	0.16	1		10/18/17 17:42	541-73-1	
1,4-Dichlorobenzene	1.0 U	ug/L	1.0	0.10	1		10/18/17 17:42	106-46-7	
Dichlorodifluoromethane	4.0 U	ug/L	4.0	0.31	1		10/18/17 17:42	75-71-8	
1,1-Dichloroethane	1.0 U	ug/L	1.0	0.14	1		10/18/17 17:42	75-34-3	
1,2-Dichloroethane	1.0 U	ug/L	1.0	0.32	1		10/18/17 17:42	107-06-2	
1,1-Dichloroethene	1.0 U	ug/L	1.0	0.18	1		10/18/17 17:42	75-35-4	
cis-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.20	1		10/18/17 17:42	156-59-2	
trans-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.21	1		10/18/17 17:42	156-60-5	
Dichlorofluoromethane	1.0 U	ug/L	1.0	0.38	1		10/18/17 17:42	75-43-4	
1,2-Dichloropropane	4.0 U	ug/L	4.0	0.62	1		10/18/17 17:42	78-87-5	
1,3-Dichloropropane	1.0 U	ug/L	1.0	0.13	1		10/18/17 17:42	142-28-9	
2,2-Dichloropropane	4.0 U	ug/L	4.0	0.40	1		10/18/17 17:42	594-20-7	
1,1-Dichloropropene	1.0 U	ug/L	1.0	0.18	1		10/18/17 17:42	563-58-6	
cis-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.12	1		10/18/17 17:42	10061-01-5	
trans-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.14	1		10/18/17 17:42	10061-02-6	
Diethyl ether (Ethyl ether)	4.0 U	ug/L	4.0	1.3	1		10/18/17 17:42	60-29-7	
Ethylbenzene	0.14J	ug/L	1.0	0.14	1		10/18/17 17:42	100-41-4	
Hexachloro-1,3-butadiene	1.0 U	ug/L	1.0	0.48	1		10/18/17 17:42	87-68-3	
Isopropylbenzene (Cumene)	1.0 U	ug/L	1.0	0.17	1		10/18/17 17:42	98-82-8	
p-Isopropyltoluene	0.65J	ug/L	1.0	0.14	1		10/18/17 17:42	99-87-6	
Methylene Chloride	4.0 U	ug/L	4.0	1.2	1		10/18/17 17:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	5.0	0.55	1		10/18/17 17:42	108-10-1	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171009-RF-01 **Lab ID: 10406679023** Collected: 10/09/17 13:30 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	1.0 U	ug/L	1.0	0.40	1		10/18/17 17:42	1634-04-4	
Naphthalene	4.0 U	ug/L	4.0	0.42	1		10/18/17 17:42	91-20-3	
n-Propylbenzene	1.0 U	ug/L	1.0	0.15	1		10/18/17 17:42	103-65-1	
Styrene	1.0 U	ug/L	1.0	0.14	1		10/18/17 17:42	100-42-5	
1,1,1,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.14	1		10/18/17 17:42	630-20-6	
1,1,2,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.19	1		10/18/17 17:42	79-34-5	
Tetrachloroethene	2.7	ug/L	1.0	0.16	1		10/18/17 17:42	127-18-4	
Tetrahydrofuran	10.0 U	ug/L	10.0	4.3	1		10/18/17 17:42	109-99-9	
Toluene	1.0 U	ug/L	1.0	0.17	1		10/18/17 17:42	108-88-3	
1,2,3-Trichlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/18/17 17:42	87-61-6	
1,2,4-Trichlorobenzene	1.0 U	ug/L	1.0	0.18	1		10/18/17 17:42	120-82-1	
1,1,1-Trichloroethane	1.0 U	ug/L	1.0	0.15	1		10/18/17 17:42	71-55-6	
1,1,2-Trichloroethane	1.0 U	ug/L	1.0	0.22	1		10/18/17 17:42	79-00-5	
Trichloroethene	0.40 U	ug/L	0.40	0.18	1		10/18/17 17:42	79-01-6	
Trichlorofluoromethane	1.0 U	ug/L	1.0	0.13	1		10/18/17 17:42	75-69-4	
1,2,3-Trichloropropane	4.0 U	ug/L	4.0	0.66	1		10/18/17 17:42	96-18-4	
1,1,2-Trichlorotrifluoroethane	1.0 U	ug/L	1.0	0.28	1		10/18/17 17:42	76-13-1	
1,2,4-Trimethylbenzene	1.0 U	ug/L	1.0	0.14	1		10/18/17 17:42	95-63-6	
1,3,5-Trimethylbenzene	1.0 U	ug/L	1.0	0.18	1		10/18/17 17:42	108-67-8	
Vinyl chloride	0.20 U	ug/L	0.20	0.096	1		10/18/17 17:42	75-01-4	
Xylene (Total)	3.0 U	ug/L	3.0	0.24	1		10/18/17 17:42	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	75-137		1		10/18/17 17:42	17060-07-0	
Toluene-d8 (S)	101	%	75-125		1		10/18/17 17:42	2037-26-5	
4-Bromofluorobenzene (S)	120	%	75-125		1		10/18/17 17:42	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171009-RF-02 **Lab ID: 10406679024** Collected: 10/09/17 14:15 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Acetone	9.1J	ug/L	20.0	8.8	1		10/18/17 17:59	67-64-1	CH,L3
Allyl chloride	4.0 U	ug/L	4.0	1.0	1		10/18/17 17:59	107-05-1	
Benzene	1.0 U	ug/L	1.0	0.34	1		10/18/17 17:59	71-43-2	
Bromobenzene	1.0 U	ug/L	1.0	0.16	1		10/18/17 17:59	108-86-1	
Bromochloromethane	1.0 U	ug/L	1.0	0.38	1		10/18/17 17:59	74-97-5	
Bromodichloromethane	1.0 U	ug/L	1.0	0.20	1		10/18/17 17:59	75-27-4	
Bromoform	4.0 U	ug/L	4.0	1.0	1		10/18/17 17:59	75-25-2	
Bromomethane	4.0 U	ug/L	4.0	1.5	1		10/18/17 17:59	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	5.0	2.4	1		10/18/17 17:59	78-93-3	
n-Butylbenzene	1.0 U	ug/L	1.0	0.13	1		10/18/17 17:59	104-51-8	
sec-Butylbenzene	1.0 U	ug/L	1.0	0.12	1		10/18/17 17:59	135-98-8	
tert-Butylbenzene	1.0 U	ug/L	1.0	0.15	1		10/18/17 17:59	98-06-6	
Carbon tetrachloride	1.0 U	ug/L	1.0	0.20	1		10/18/17 17:59	56-23-5	
Chlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/18/17 17:59	108-90-7	
Chloroethane	1.0 U	ug/L	1.0	0.44	1		10/18/17 17:59	75-00-3	
Chloroform	1.0 U	ug/L	1.0	0.46	1		10/18/17 17:59	67-66-3	
Chloromethane	4.4J	ug/L	10.0	1.1	1		10/18/17 17:59	74-87-3	B
2-Chlorotoluene	1.0 U	ug/L	1.0	0.20	1		10/18/17 17:59	95-49-8	
4-Chlorotoluene	1.0 U	ug/L	1.0	0.13	1		10/18/17 17:59	106-43-4	
1,2-Dibromo-3-chloropropane	4.0 U	ug/L	4.0	1.0	1		10/18/17 17:59	96-12-8	
Dibromochloromethane	1.0 U	ug/L	1.0	0.13	1		10/18/17 17:59	124-48-1	
1,2-Dibromoethane (EDB)	1.0 U	ug/L	1.0	0.24	1		10/18/17 17:59	106-93-4	
Dibromomethane	4.0 U	ug/L	4.0	0.50	1		10/18/17 17:59	74-95-3	
1,2-Dichlorobenzene	1.0 U	ug/L	1.0	0.21	1		10/18/17 17:59	95-50-1	
1,3-Dichlorobenzene	1.0 U	ug/L	1.0	0.16	1		10/18/17 17:59	541-73-1	
1,4-Dichlorobenzene	1.0 U	ug/L	1.0	0.10	1		10/18/17 17:59	106-46-7	
Dichlorodifluoromethane	4.0 U	ug/L	4.0	0.31	1		10/18/17 17:59	75-71-8	
1,1-Dichloroethane	1.0 U	ug/L	1.0	0.14	1		10/18/17 17:59	75-34-3	
1,2-Dichloroethane	1.0 U	ug/L	1.0	0.32	1		10/18/17 17:59	107-06-2	
1,1-Dichloroethene	1.0 U	ug/L	1.0	0.18	1		10/18/17 17:59	75-35-4	
cis-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.20	1		10/18/17 17:59	156-59-2	
trans-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.21	1		10/18/17 17:59	156-60-5	
Dichlorofluoromethane	1.0 U	ug/L	1.0	0.38	1		10/18/17 17:59	75-43-4	
1,2-Dichloropropane	4.0 U	ug/L	4.0	0.62	1		10/18/17 17:59	78-87-5	
1,3-Dichloropropane	1.0 U	ug/L	1.0	0.13	1		10/18/17 17:59	142-28-9	
2,2-Dichloropropane	4.0 U	ug/L	4.0	0.40	1		10/18/17 17:59	594-20-7	
1,1-Dichloropropene	1.0 U	ug/L	1.0	0.18	1		10/18/17 17:59	563-58-6	
cis-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.12	1		10/18/17 17:59	10061-01-5	
trans-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.14	1		10/18/17 17:59	10061-02-6	
Diethyl ether (Ethyl ether)	4.0 U	ug/L	4.0	1.3	1		10/18/17 17:59	60-29-7	
Ethylbenzene	1.0 U	ug/L	1.0	0.14	1		10/18/17 17:59	100-41-4	
Hexachloro-1,3-butadiene	1.0 U	ug/L	1.0	0.48	1		10/18/17 17:59	87-68-3	
Isopropylbenzene (Cumene)	1.0 U	ug/L	1.0	0.17	1		10/18/17 17:59	98-82-8	
p-Isopropyltoluene	1.0 U	ug/L	1.0	0.14	1		10/18/17 17:59	99-87-6	
Methylene Chloride	4.0 U	ug/L	4.0	1.2	1		10/18/17 17:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	5.0	0.55	1		10/18/17 17:59	108-10-1	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171009-RF-02 **Lab ID: 10406679024** Collected: 10/09/17 14:15 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	1.0 U	ug/L	1.0	0.40	1		10/18/17 17:59	1634-04-4	
Naphthalene	4.0 U	ug/L	4.0	0.42	1		10/18/17 17:59	91-20-3	
n-Propylbenzene	1.0 U	ug/L	1.0	0.15	1		10/18/17 17:59	103-65-1	
Styrene	1.0 U	ug/L	1.0	0.14	1		10/18/17 17:59	100-42-5	
1,1,1,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.14	1		10/18/17 17:59	630-20-6	
1,1,2,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.19	1		10/18/17 17:59	79-34-5	
Tetrachloroethene	1.5	ug/L	1.0	0.16	1		10/18/17 17:59	127-18-4	
Tetrahydrofuran	10.0 U	ug/L	10.0	4.3	1		10/18/17 17:59	109-99-9	
Toluene	1.0 U	ug/L	1.0	0.17	1		10/18/17 17:59	108-88-3	
1,2,3-Trichlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/18/17 17:59	87-61-6	
1,2,4-Trichlorobenzene	1.0 U	ug/L	1.0	0.18	1		10/18/17 17:59	120-82-1	
1,1,1-Trichloroethane	1.0 U	ug/L	1.0	0.15	1		10/18/17 17:59	71-55-6	
1,1,2-Trichloroethane	1.0 U	ug/L	1.0	0.22	1		10/18/17 17:59	79-00-5	
Trichloroethene	0.28J	ug/L	0.40	0.18	1		10/18/17 17:59	79-01-6	
Trichlorofluoromethane	1.0 U	ug/L	1.0	0.13	1		10/18/17 17:59	75-69-4	
1,2,3-Trichloropropane	4.0 U	ug/L	4.0	0.66	1		10/18/17 17:59	96-18-4	
1,1,2-Trichlorotrifluoroethane	1.0 U	ug/L	1.0	0.28	1		10/18/17 17:59	76-13-1	
1,2,4-Trimethylbenzene	1.0 U	ug/L	1.0	0.14	1		10/18/17 17:59	95-63-6	
1,3,5-Trimethylbenzene	1.0 U	ug/L	1.0	0.18	1		10/18/17 17:59	108-67-8	
Vinyl chloride	0.20 U	ug/L	0.20	0.096	1		10/18/17 17:59	75-01-4	
Xylene (Total)	3.0 U	ug/L	3.0	0.24	1		10/18/17 17:59	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	75-137		1		10/18/17 17:59	17060-07-0	
Toluene-d8 (S)	101	%	75-125		1		10/18/17 17:59	2037-26-5	
4-Bromofluorobenzene (S)	103	%	75-125		1		10/18/17 17:59	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171009-RF-03 Lab ID: 10406679025 Collected: 10/09/17 15:00 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Acetone	11.1J	ug/L	20.0	8.8	1		10/18/17 18:15	67-64-1	CH,L3
Allyl chloride	4.0 U	ug/L	4.0	1.0	1		10/18/17 18:15	107-05-1	
Benzene	1.0 U	ug/L	1.0	0.34	1		10/18/17 18:15	71-43-2	
Bromobenzene	1.0 U	ug/L	1.0	0.16	1		10/18/17 18:15	108-86-1	
Bromochloromethane	1.0 U	ug/L	1.0	0.38	1		10/18/17 18:15	74-97-5	
Bromodichloromethane	1.0 U	ug/L	1.0	0.20	1		10/18/17 18:15	75-27-4	
Bromoform	4.0 U	ug/L	4.0	1.0	1		10/18/17 18:15	75-25-2	
Bromomethane	4.0 U	ug/L	4.0	1.5	1		10/18/17 18:15	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	5.0	2.4	1		10/18/17 18:15	78-93-3	
n-Butylbenzene	1.0 U	ug/L	1.0	0.13	1		10/18/17 18:15	104-51-8	
sec-Butylbenzene	1.0 U	ug/L	1.0	0.12	1		10/18/17 18:15	135-98-8	
tert-Butylbenzene	0.43J	ug/L	1.0	0.15	1		10/18/17 18:15	98-06-6	
Carbon tetrachloride	1.0 U	ug/L	1.0	0.20	1		10/18/17 18:15	56-23-5	
Chlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/18/17 18:15	108-90-7	
Chloroethane	1.0 U	ug/L	1.0	0.44	1		10/18/17 18:15	75-00-3	
Chloroform	1.0 U	ug/L	1.0	0.46	1		10/18/17 18:15	67-66-3	
Chloromethane	6.3J	ug/L	10.0	1.1	1		10/18/17 18:15	74-87-3	B
2-Chlorotoluene	1.0 U	ug/L	1.0	0.20	1		10/18/17 18:15	95-49-8	
4-Chlorotoluene	1.0 U	ug/L	1.0	0.13	1		10/18/17 18:15	106-43-4	
1,2-Dibromo-3-chloropropane	4.0 U	ug/L	4.0	1.0	1		10/18/17 18:15	96-12-8	
Dibromochloromethane	1.0 U	ug/L	1.0	0.13	1		10/18/17 18:15	124-48-1	
1,2-Dibromoethane (EDB)	1.0 U	ug/L	1.0	0.24	1		10/18/17 18:15	106-93-4	
Dibromomethane	4.0 U	ug/L	4.0	0.50	1		10/18/17 18:15	74-95-3	
1,2-Dichlorobenzene	1.0 U	ug/L	1.0	0.21	1		10/18/17 18:15	95-50-1	
1,3-Dichlorobenzene	1.0 U	ug/L	1.0	0.16	1		10/18/17 18:15	541-73-1	
1,4-Dichlorobenzene	1.0 U	ug/L	1.0	0.10	1		10/18/17 18:15	106-46-7	
Dichlorodifluoromethane	4.0 U	ug/L	4.0	0.31	1		10/18/17 18:15	75-71-8	
1,1-Dichloroethane	1.0 U	ug/L	1.0	0.14	1		10/18/17 18:15	75-34-3	
1,2-Dichloroethane	1.0 U	ug/L	1.0	0.32	1		10/18/17 18:15	107-06-2	
1,1-Dichloroethene	1.0 U	ug/L	1.0	0.18	1		10/18/17 18:15	75-35-4	
cis-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.20	1		10/18/17 18:15	156-59-2	
trans-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.21	1		10/18/17 18:15	156-60-5	
Dichlorofluoromethane	1.0 U	ug/L	1.0	0.38	1		10/18/17 18:15	75-43-4	
1,2-Dichloropropane	4.0 U	ug/L	4.0	0.62	1		10/18/17 18:15	78-87-5	
1,3-Dichloropropane	1.0 U	ug/L	1.0	0.13	1		10/18/17 18:15	142-28-9	
2,2-Dichloropropane	4.0 U	ug/L	4.0	0.40	1		10/18/17 18:15	594-20-7	
1,1-Dichloropropene	1.0 U	ug/L	1.0	0.18	1		10/18/17 18:15	563-58-6	
cis-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.12	1		10/18/17 18:15	10061-01-5	
trans-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.14	1		10/18/17 18:15	10061-02-6	
Diethyl ether (Ethyl ether)	4.0 U	ug/L	4.0	1.3	1		10/18/17 18:15	60-29-7	
Ethylbenzene	0.31J	ug/L	1.0	0.14	1		10/18/17 18:15	100-41-4	
Hexachloro-1,3-butadiene	1.0 U	ug/L	1.0	0.48	1		10/18/17 18:15	87-68-3	
Isopropylbenzene (Cumene)	1.0 U	ug/L	1.0	0.17	1		10/18/17 18:15	98-82-8	
p-Isopropyltoluene	2.3	ug/L	1.0	0.14	1		10/18/17 18:15	99-87-6	
Methylene Chloride	4.0 U	ug/L	4.0	1.2	1		10/18/17 18:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	5.0	0.55	1		10/18/17 18:15	108-10-1	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171009-RF-03 **Lab ID: 10406679025** Collected: 10/09/17 15:00 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	1.0 U	ug/L	1.0	0.40	1		10/18/17 18:15	1634-04-4	
Naphthalene	0.80J	ug/L	4.0	0.42	1		10/18/17 18:15	91-20-3	
n-Propylbenzene	0.24J	ug/L	1.0	0.15	1		10/18/17 18:15	103-65-1	
Styrene	1.0 U	ug/L	1.0	0.14	1		10/18/17 18:15	100-42-5	
1,1,1,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.14	1		10/18/17 18:15	630-20-6	
1,1,2,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.19	1		10/18/17 18:15	79-34-5	
Tetrachloroethene	0.52J	ug/L	1.0	0.16	1		10/18/17 18:15	127-18-4	
Tetrahydrofuran	10.0 U	ug/L	10.0	4.3	1		10/18/17 18:15	109-99-9	
Toluene	0.40J	ug/L	1.0	0.17	1		10/18/17 18:15	108-88-3	B
1,2,3-Trichlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/18/17 18:15	87-61-6	
1,2,4-Trichlorobenzene	1.0 U	ug/L	1.0	0.18	1		10/18/17 18:15	120-82-1	
1,1,1-Trichloroethane	1.0 U	ug/L	1.0	0.15	1		10/18/17 18:15	71-55-6	
1,1,2-Trichloroethane	1.0 U	ug/L	1.0	0.22	1		10/18/17 18:15	79-00-5	
Trichloroethene	0.39J	ug/L	0.40	0.18	1		10/18/17 18:15	79-01-6	
Trichlorofluoromethane	1.0 U	ug/L	1.0	0.13	1		10/18/17 18:15	75-69-4	
1,2,3-Trichloropropane	4.0 U	ug/L	4.0	0.66	1		10/18/17 18:15	96-18-4	
1,1,2-Trichlorotrifluoroethane	1.0 U	ug/L	1.0	0.28	1		10/18/17 18:15	76-13-1	
1,2,4-Trimethylbenzene	2.7	ug/L	1.0	0.14	1		10/18/17 18:15	95-63-6	
1,3,5-Trimethylbenzene	5.6	ug/L	1.0	0.18	1		10/18/17 18:15	108-67-8	
Vinyl chloride	0.20 U	ug/L	0.20	0.096	1		10/18/17 18:15	75-01-4	
Xylene (Total)	3.0 U	ug/L	3.0	0.24	1		10/18/17 18:15	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	75-137		1		10/18/17 18:15	17060-07-0	
Toluene-d8 (S)	101	%	75-125		1		10/18/17 18:15	2037-26-5	
4-Bromofluorobenzene (S)	102	%	75-125		1		10/18/17 18:15	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171009-RF-04 **Lab ID: 10406679026** Collected: 10/09/17 16:00 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC		Analytical Method: EPA 8260B							
Acetone	20.0 U	ug/L	20.0	8.8	1		10/18/17 18:31	67-64-1	L3
Allyl chloride	4.0 U	ug/L	4.0	1.0	1		10/18/17 18:31	107-05-1	
Benzene	1.0 U	ug/L	1.0	0.34	1		10/18/17 18:31	71-43-2	
Bromobenzene	1.0 U	ug/L	1.0	0.16	1		10/18/17 18:31	108-86-1	
Bromochloromethane	1.0 U	ug/L	1.0	0.38	1		10/18/17 18:31	74-97-5	
Bromodichloromethane	1.0 U	ug/L	1.0	0.20	1		10/18/17 18:31	75-27-4	
Bromoform	4.0 U	ug/L	4.0	1.0	1		10/18/17 18:31	75-25-2	
Bromomethane	4.0 U	ug/L	4.0	1.5	1		10/18/17 18:31	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	5.0	2.4	1		10/18/17 18:31	78-93-3	
n-Butylbenzene	1.0 U	ug/L	1.0	0.13	1		10/18/17 18:31	104-51-8	
sec-Butylbenzene	1.0 U	ug/L	1.0	0.12	1		10/18/17 18:31	135-98-8	
tert-Butylbenzene	1.0 U	ug/L	1.0	0.15	1		10/18/17 18:31	98-06-6	
Carbon tetrachloride	1.0 U	ug/L	1.0	0.20	1		10/18/17 18:31	56-23-5	
Chlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/18/17 18:31	108-90-7	
Chloroethane	1.0 U	ug/L	1.0	0.44	1		10/18/17 18:31	75-00-3	
Chloroform	1.0 U	ug/L	1.0	0.46	1		10/18/17 18:31	67-66-3	
Chloromethane	5.1J	ug/L	10.0	1.1	1		10/18/17 18:31	74-87-3	B
2-Chlorotoluene	1.0 U	ug/L	1.0	0.20	1		10/18/17 18:31	95-49-8	
4-Chlorotoluene	1.0 U	ug/L	1.0	0.13	1		10/18/17 18:31	106-43-4	
1,2-Dibromo-3-chloropropane	4.0 U	ug/L	4.0	1.0	1		10/18/17 18:31	96-12-8	
Dibromochloromethane	1.0 U	ug/L	1.0	0.13	1		10/18/17 18:31	124-48-1	
1,2-Dibromoethane (EDB)	1.0 U	ug/L	1.0	0.24	1		10/18/17 18:31	106-93-4	
Dibromomethane	4.0 U	ug/L	4.0	0.50	1		10/18/17 18:31	74-95-3	
1,2-Dichlorobenzene	1.0 U	ug/L	1.0	0.21	1		10/18/17 18:31	95-50-1	
1,3-Dichlorobenzene	1.0 U	ug/L	1.0	0.16	1		10/18/17 18:31	541-73-1	
1,4-Dichlorobenzene	1.0 U	ug/L	1.0	0.10	1		10/18/17 18:31	106-46-7	
Dichlorodifluoromethane	4.0 U	ug/L	4.0	0.31	1		10/18/17 18:31	75-71-8	
1,1-Dichloroethane	1.0 U	ug/L	1.0	0.14	1		10/18/17 18:31	75-34-3	
1,2-Dichloroethane	1.0 U	ug/L	1.0	0.32	1		10/18/17 18:31	107-06-2	
1,1-Dichloroethene	1.0 U	ug/L	1.0	0.18	1		10/18/17 18:31	75-35-4	
cis-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.20	1		10/18/17 18:31	156-59-2	
trans-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.21	1		10/18/17 18:31	156-60-5	
Dichlorofluoromethane	1.0 U	ug/L	1.0	0.38	1		10/18/17 18:31	75-43-4	
1,2-Dichloropropane	4.0 U	ug/L	4.0	0.62	1		10/18/17 18:31	78-87-5	
1,3-Dichloropropane	1.0 U	ug/L	1.0	0.13	1		10/18/17 18:31	142-28-9	
2,2-Dichloropropane	4.0 U	ug/L	4.0	0.40	1		10/18/17 18:31	594-20-7	
1,1-Dichloropropene	1.0 U	ug/L	1.0	0.18	1		10/18/17 18:31	563-58-6	
cis-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.12	1		10/18/17 18:31	10061-01-5	
trans-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.14	1		10/18/17 18:31	10061-02-6	
Diethyl ether (Ethyl ether)	4.0 U	ug/L	4.0	1.3	1		10/18/17 18:31	60-29-7	
Ethylbenzene	1.0 U	ug/L	1.0	0.14	1		10/18/17 18:31	100-41-4	
Hexachloro-1,3-butadiene	1.0 U	ug/L	1.0	0.48	1		10/18/17 18:31	87-68-3	
Isopropylbenzene (Cumene)	1.0 U	ug/L	1.0	0.17	1		10/18/17 18:31	98-82-8	
p-Isopropyltoluene	0.63J	ug/L	1.0	0.14	1		10/18/17 18:31	99-87-6	
Methylene Chloride	4.0 U	ug/L	4.0	1.2	1		10/18/17 18:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	5.0	0.55	1		10/18/17 18:31	108-10-1	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171009-RF-04 **Lab ID: 10406679026** Collected: 10/09/17 16:00 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	1.0 U	ug/L	1.0	0.40	1		10/18/17 18:31	1634-04-4	
Naphthalene	4.0 U	ug/L	4.0	0.42	1		10/18/17 18:31	91-20-3	
n-Propylbenzene	1.0 U	ug/L	1.0	0.15	1		10/18/17 18:31	103-65-1	
Styrene	1.0 U	ug/L	1.0	0.14	1		10/18/17 18:31	100-42-5	
1,1,1,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.14	1		10/18/17 18:31	630-20-6	
1,1,2,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.19	1		10/18/17 18:31	79-34-5	
Tetrachloroethene	1.1	ug/L	1.0	0.16	1		10/18/17 18:31	127-18-4	
Tetrahydrofuran	10.0 U	ug/L	10.0	4.3	1		10/18/17 18:31	109-99-9	
Toluene	0.18J	ug/L	1.0	0.17	1		10/18/17 18:31	108-88-3	B
1,2,3-Trichlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/18/17 18:31	87-61-6	
1,2,4-Trichlorobenzene	1.0 U	ug/L	1.0	0.18	1		10/18/17 18:31	120-82-1	
1,1,1-Trichloroethane	1.0 U	ug/L	1.0	0.15	1		10/18/17 18:31	71-55-6	
1,1,2-Trichloroethane	1.0 U	ug/L	1.0	0.22	1		10/18/17 18:31	79-00-5	
Trichloroethene	0.28J	ug/L	0.40	0.18	1		10/18/17 18:31	79-01-6	
Trichlorofluoromethane	1.0 U	ug/L	1.0	0.13	1		10/18/17 18:31	75-69-4	
1,2,3-Trichloropropane	4.0 U	ug/L	4.0	0.66	1		10/18/17 18:31	96-18-4	
1,1,2-Trichlorotrifluoroethane	1.0 U	ug/L	1.0	0.28	1		10/18/17 18:31	76-13-1	
1,2,4-Trimethylbenzene	1.0 U	ug/L	1.0	0.14	1		10/18/17 18:31	95-63-6	
1,3,5-Trimethylbenzene	1.0 U	ug/L	1.0	0.18	1		10/18/17 18:31	108-67-8	
Vinyl chloride	0.20 U	ug/L	0.20	0.096	1		10/18/17 18:31	75-01-4	
Xylene (Total)	3.0 U	ug/L	3.0	0.24	1		10/18/17 18:31	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	75-137		1		10/18/17 18:31	17060-07-0	
Toluene-d8 (S)	99	%	75-125		1		10/18/17 18:31	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125		1		10/18/17 18:31	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171010-RF-06 **Lab ID: 10406679027** Collected: 10/10/17 08:15 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC		Analytical Method: EPA 8260B							
Acetone	20.0 U	ug/L	20.0	8.8	1		10/20/17 18:10	67-64-1	L3
Allyl chloride	4.0 U	ug/L	4.0	1.0	1		10/20/17 18:10	107-05-1	
Benzene	1.0 U	ug/L	1.0	0.34	1		10/20/17 18:10	71-43-2	
Bromobenzene	1.0 U	ug/L	1.0	0.16	1		10/20/17 18:10	108-86-1	
Bromochloromethane	1.0 U	ug/L	1.0	0.38	1		10/20/17 18:10	74-97-5	
Bromodichloromethane	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:10	75-27-4	
Bromoform	4.0 U	ug/L	4.0	1.0	1		10/20/17 18:10	75-25-2	
Bromomethane	4.0 U	ug/L	4.0	1.5	1		10/20/17 18:10	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	5.0	2.4	1		10/20/17 18:10	78-93-3	
n-Butylbenzene	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:10	104-51-8	
sec-Butylbenzene	1.0 U	ug/L	1.0	0.12	1		10/20/17 18:10	135-98-8	
tert-Butylbenzene	1.0 U	ug/L	1.0	0.15	1		10/20/17 18:10	98-06-6	
Carbon tetrachloride	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:10	56-23-5	
Chlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:10	108-90-7	
Chloroethane	1.0 U	ug/L	1.0	0.44	1		10/20/17 18:10	75-00-3	
Chloroform	1.0 U	ug/L	1.0	0.46	1		10/20/17 18:10	67-66-3	
Chloromethane	4.4J	ug/L	10.0	1.1	1		10/20/17 18:10	74-87-3	
2-Chlorotoluene	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:10	95-49-8	
4-Chlorotoluene	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:10	106-43-4	
1,2-Dibromo-3-chloropropane	4.0 U	ug/L	4.0	1.0	1		10/20/17 18:10	96-12-8	
Dibromochloromethane	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:10	124-48-1	
1,2-Dibromoethane (EDB)	1.0 U	ug/L	1.0	0.24	1		10/20/17 18:10	106-93-4	
Dibromomethane	4.0 U	ug/L	4.0	0.50	1		10/20/17 18:10	74-95-3	
1,2-Dichlorobenzene	1.0 U	ug/L	1.0	0.21	1		10/20/17 18:10	95-50-1	
1,3-Dichlorobenzene	1.0 U	ug/L	1.0	0.16	1		10/20/17 18:10	541-73-1	
1,4-Dichlorobenzene	1.0 U	ug/L	1.0	0.10	1		10/20/17 18:10	106-46-7	
Dichlorodifluoromethane	4.0 U	ug/L	4.0	0.31	1		10/20/17 18:10	75-71-8	
1,1-Dichloroethane	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:10	75-34-3	
1,2-Dichloroethane	1.0 U	ug/L	1.0	0.32	1		10/20/17 18:10	107-06-2	
1,1-Dichloroethene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:10	75-35-4	
cis-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:10	156-59-2	
trans-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.21	1		10/20/17 18:10	156-60-5	
Dichlorofluoromethane	1.0 U	ug/L	1.0	0.38	1		10/20/17 18:10	75-43-4	
1,2-Dichloropropane	4.0 U	ug/L	4.0	0.62	1		10/20/17 18:10	78-87-5	
1,3-Dichloropropane	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:10	142-28-9	
2,2-Dichloropropane	4.0 U	ug/L	4.0	0.40	1		10/20/17 18:10	594-20-7	
1,1-Dichloropropene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:10	563-58-6	
cis-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.12	1		10/20/17 18:10	10061-01-5	
trans-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.14	1		10/20/17 18:10	10061-02-6	
Diethyl ether (Ethyl ether)	4.0 U	ug/L	4.0	1.3	1		10/20/17 18:10	60-29-7	
Ethylbenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:10	100-41-4	
Hexachloro-1,3-butadiene	1.0 U	ug/L	1.0	0.48	1		10/20/17 18:10	87-68-3	
Isopropylbenzene (Cumene)	1.0 U	ug/L	1.0	0.17	1		10/20/17 18:10	98-82-8	
p-Isopropyltoluene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:10	99-87-6	
Methylene Chloride	4.0 U	ug/L	4.0	1.2	1		10/20/17 18:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	5.0	0.55	1		10/20/17 18:10	108-10-1	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171010-RF-06 **Lab ID: 10406679027** Collected: 10/10/17 08:15 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	1.0 U	ug/L	1.0	0.40	1		10/20/17 18:10	1634-04-4	
Naphthalene	4.0 U	ug/L	4.0	0.42	1		10/20/17 18:10	91-20-3	
n-Propylbenzene	1.0 U	ug/L	1.0	0.15	1		10/20/17 18:10	103-65-1	
Styrene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:10	100-42-5	
1,1,1,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:10	630-20-6	
1,1,2,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.19	1		10/20/17 18:10	79-34-5	
Tetrachloroethene	1.0 U	ug/L	1.0	0.16	1		10/20/17 18:10	127-18-4	
Tetrahydrofuran	10.0 U	ug/L	10.0	4.3	1		10/20/17 18:10	109-99-9	
Toluene	1.0 U	ug/L	1.0	0.17	1		10/20/17 18:10	108-88-3	
1,2,3-Trichlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:10	87-61-6	
1,2,4-Trichlorobenzene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:10	120-82-1	
1,1,1-Trichloroethane	1.0 U	ug/L	1.0	0.15	1		10/20/17 18:10	71-55-6	
1,1,2-Trichloroethane	1.0 U	ug/L	1.0	0.22	1		10/20/17 18:10	79-00-5	
Trichloroethene	0.40 U	ug/L	0.40	0.18	1		10/20/17 18:10	79-01-6	
Trichlorofluoromethane	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:10	75-69-4	
1,2,3-Trichloropropane	4.0 U	ug/L	4.0	0.66	1		10/20/17 18:10	96-18-4	
1,1,2-Trichlorotrifluoroethane	1.0 U	ug/L	1.0	0.28	1		10/20/17 18:10	76-13-1	
1,2,4-Trimethylbenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:10	95-63-6	
1,3,5-Trimethylbenzene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:10	108-67-8	
Vinyl chloride	0.20 U	ug/L	0.20	0.096	1		10/20/17 18:10	75-01-4	
Xylene (Total)	3.0 U	ug/L	3.0	0.24	1		10/20/17 18:10	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	75-137		1		10/20/17 18:10	17060-07-0	
Toluene-d8 (S)	101	%	75-125		1		10/20/17 18:10	2037-26-5	
4-Bromofluorobenzene (S)	102	%	75-125		1		10/20/17 18:10	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171010-RF-07 **Lab ID: 10406679028** Collected: 10/10/17 08:50 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Acetone	20.0 U	ug/L	20.0	8.8	1		10/20/17 18:27	67-64-1	L3
Allyl chloride	4.0 U	ug/L	4.0	1.0	1		10/20/17 18:27	107-05-1	
Benzene	1.0 U	ug/L	1.0	0.34	1		10/20/17 18:27	71-43-2	
Bromobenzene	1.0 U	ug/L	1.0	0.16	1		10/20/17 18:27	108-86-1	
Bromochloromethane	1.0 U	ug/L	1.0	0.38	1		10/20/17 18:27	74-97-5	
Bromodichloromethane	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:27	75-27-4	
Bromoform	4.0 U	ug/L	4.0	1.0	1		10/20/17 18:27	75-25-2	
Bromomethane	4.0 U	ug/L	4.0	1.5	1		10/20/17 18:27	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	5.0	2.4	1		10/20/17 18:27	78-93-3	
n-Butylbenzene	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:27	104-51-8	
sec-Butylbenzene	1.0 U	ug/L	1.0	0.12	1		10/20/17 18:27	135-98-8	
tert-Butylbenzene	1.0 U	ug/L	1.0	0.15	1		10/20/17 18:27	98-06-6	
Carbon tetrachloride	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:27	56-23-5	
Chlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:27	108-90-7	
Chloroethane	1.0 U	ug/L	1.0	0.44	1		10/20/17 18:27	75-00-3	
Chloroform	1.0 U	ug/L	1.0	0.46	1		10/20/17 18:27	67-66-3	
Chloromethane	9.8J	ug/L	10.0	1.1	1		10/20/17 18:27	74-87-3	
2-Chlorotoluene	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:27	95-49-8	
4-Chlorotoluene	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:27	106-43-4	
1,2-Dibromo-3-chloropropane	4.0 U	ug/L	4.0	1.0	1		10/20/17 18:27	96-12-8	
Dibromochloromethane	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:27	124-48-1	
1,2-Dibromoethane (EDB)	1.0 U	ug/L	1.0	0.24	1		10/20/17 18:27	106-93-4	
Dibromomethane	4.0 U	ug/L	4.0	0.50	1		10/20/17 18:27	74-95-3	
1,2-Dichlorobenzene	1.0 U	ug/L	1.0	0.21	1		10/20/17 18:27	95-50-1	
1,3-Dichlorobenzene	1.0 U	ug/L	1.0	0.16	1		10/20/17 18:27	541-73-1	
1,4-Dichlorobenzene	1.0 U	ug/L	1.0	0.10	1		10/20/17 18:27	106-46-7	
Dichlorodifluoromethane	4.0 U	ug/L	4.0	0.31	1		10/20/17 18:27	75-71-8	
1,1-Dichloroethane	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:27	75-34-3	
1,2-Dichloroethane	1.0 U	ug/L	1.0	0.32	1		10/20/17 18:27	107-06-2	
1,1-Dichloroethene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:27	75-35-4	
cis-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:27	156-59-2	
trans-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.21	1		10/20/17 18:27	156-60-5	
Dichlorofluoromethane	1.0 U	ug/L	1.0	0.38	1		10/20/17 18:27	75-43-4	
1,2-Dichloropropane	4.0 U	ug/L	4.0	0.62	1		10/20/17 18:27	78-87-5	
1,3-Dichloropropane	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:27	142-28-9	
2,2-Dichloropropane	4.0 U	ug/L	4.0	0.40	1		10/20/17 18:27	594-20-7	
1,1-Dichloropropene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:27	563-58-6	
cis-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.12	1		10/20/17 18:27	10061-01-5	
trans-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.14	1		10/20/17 18:27	10061-02-6	
Diethyl ether (Ethyl ether)	4.0 U	ug/L	4.0	1.3	1		10/20/17 18:27	60-29-7	
Ethylbenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:27	100-41-4	
Hexachloro-1,3-butadiene	1.0 U	ug/L	1.0	0.48	1		10/20/17 18:27	87-68-3	
Isopropylbenzene (Cumene)	1.0 U	ug/L	1.0	0.17	1		10/20/17 18:27	98-82-8	
p-Isopropyltoluene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:27	99-87-6	
Methylene Chloride	1.4J	ug/L	4.0	1.2	1		10/20/17 18:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	5.0	0.55	1		10/20/17 18:27	108-10-1	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171010-RF-07 **Lab ID: 10406679028** Collected: 10/10/17 08:50 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	1.0 U	ug/L	1.0	0.40	1		10/20/17 18:27	1634-04-4	
Naphthalene	4.0 U	ug/L	4.0	0.42	1		10/20/17 18:27	91-20-3	
n-Propylbenzene	1.0 U	ug/L	1.0	0.15	1		10/20/17 18:27	103-65-1	
Styrene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:27	100-42-5	
1,1,1,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:27	630-20-6	
1,1,2,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.19	1		10/20/17 18:27	79-34-5	
Tetrachloroethene	1.0 U	ug/L	1.0	0.16	1		10/20/17 18:27	127-18-4	
Tetrahydrofuran	10.0 U	ug/L	10.0	4.3	1		10/20/17 18:27	109-99-9	
Toluene	1.0 U	ug/L	1.0	0.17	1		10/20/17 18:27	108-88-3	
1,2,3-Trichlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:27	87-61-6	
1,2,4-Trichlorobenzene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:27	120-82-1	
1,1,1-Trichloroethane	1.0 U	ug/L	1.0	0.15	1		10/20/17 18:27	71-55-6	
1,1,2-Trichloroethane	1.0 U	ug/L	1.0	0.22	1		10/20/17 18:27	79-00-5	
Trichloroethene	0.40 U	ug/L	0.40	0.18	1		10/20/17 18:27	79-01-6	
Trichlorofluoromethane	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:27	75-69-4	
1,2,3-Trichloropropane	4.0 U	ug/L	4.0	0.66	1		10/20/17 18:27	96-18-4	
1,1,2-Trichlorotrifluoroethane	1.0 U	ug/L	1.0	0.28	1		10/20/17 18:27	76-13-1	
1,2,4-Trimethylbenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:27	95-63-6	
1,3,5-Trimethylbenzene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:27	108-67-8	
Vinyl chloride	0.20 U	ug/L	0.20	0.096	1		10/20/17 18:27	75-01-4	
Xylene (Total)	3.0 U	ug/L	3.0	0.24	1		10/20/17 18:27	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	75-137		1		10/20/17 18:27	17060-07-0	
Toluene-d8 (S)	101	%	75-125		1		10/20/17 18:27	2037-26-5	
4-Bromofluorobenzene (S)	103	%	75-125		1		10/20/17 18:27	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171010-RF-08 **Lab ID: 10406679029** Collected: 10/10/17 09:00 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Acetone	11.6J	ug/L	20.0	8.8	1		10/20/17 18:43	67-64-1	CH,L1
Allyl chloride	4.0 U	ug/L	4.0	1.0	1		10/20/17 18:43	107-05-1	
Benzene	1.0 U	ug/L	1.0	0.34	1		10/20/17 18:43	71-43-2	
Bromobenzene	1.0 U	ug/L	1.0	0.16	1		10/20/17 18:43	108-86-1	
Bromochloromethane	1.0 U	ug/L	1.0	0.38	1		10/20/17 18:43	74-97-5	
Bromodichloromethane	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:43	75-27-4	
Bromoform	4.0 U	ug/L	4.0	1.0	1		10/20/17 18:43	75-25-2	
Bromomethane	4.0 U	ug/L	4.0	1.5	1		10/20/17 18:43	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	5.0	2.4	1		10/20/17 18:43	78-93-3	
n-Butylbenzene	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:43	104-51-8	
sec-Butylbenzene	1.1	ug/L	1.0	0.12	1		10/20/17 18:43	135-98-8	
tert-Butylbenzene	0.21J	ug/L	1.0	0.15	1		10/20/17 18:43	98-06-6	
Carbon tetrachloride	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:43	56-23-5	
Chlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:43	108-90-7	
Chloroethane	1.0 U	ug/L	1.0	0.44	1		10/20/17 18:43	75-00-3	
Chloroform	1.0 U	ug/L	1.0	0.46	1		10/20/17 18:43	67-66-3	
Chloromethane	7.2J	ug/L	10.0	1.1	1		10/20/17 18:43	74-87-3	
2-Chlorotoluene	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:43	95-49-8	
4-Chlorotoluene	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:43	106-43-4	
1,2-Dibromo-3-chloropropane	4.0 U	ug/L	4.0	1.0	1		10/20/17 18:43	96-12-8	
Dibromochloromethane	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:43	124-48-1	
1,2-Dibromoethane (EDB)	1.0 U	ug/L	1.0	0.24	1		10/20/17 18:43	106-93-4	
Dibromomethane	4.0 U	ug/L	4.0	0.50	1		10/20/17 18:43	74-95-3	
1,2-Dichlorobenzene	1.0 U	ug/L	1.0	0.21	1		10/20/17 18:43	95-50-1	
1,3-Dichlorobenzene	1.0 U	ug/L	1.0	0.16	1		10/20/17 18:43	541-73-1	
1,4-Dichlorobenzene	1.0 U	ug/L	1.0	0.10	1		10/20/17 18:43	106-46-7	
Dichlorodifluoromethane	4.0 U	ug/L	4.0	0.31	1		10/20/17 18:43	75-71-8	
1,1-Dichloroethane	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:43	75-34-3	
1,2-Dichloroethane	1.0 U	ug/L	1.0	0.32	1		10/20/17 18:43	107-06-2	
1,1-Dichloroethene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:43	75-35-4	
cis-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:43	156-59-2	
trans-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.21	1		10/20/17 18:43	156-60-5	
Dichlorofluoromethane	1.0 U	ug/L	1.0	0.38	1		10/20/17 18:43	75-43-4	
1,2-Dichloropropane	4.0 U	ug/L	4.0	0.62	1		10/20/17 18:43	78-87-5	
1,3-Dichloropropane	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:43	142-28-9	
2,2-Dichloropropane	4.0 U	ug/L	4.0	0.40	1		10/20/17 18:43	594-20-7	
1,1-Dichloropropene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:43	563-58-6	
cis-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.12	1		10/20/17 18:43	10061-01-5	
trans-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.14	1		10/20/17 18:43	10061-02-6	
Diethyl ether (Ethyl ether)	4.0 U	ug/L	4.0	1.3	1		10/20/17 18:43	60-29-7	
Ethylbenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:43	100-41-4	
Hexachloro-1,3-butadiene	1.0 U	ug/L	1.0	0.48	1		10/20/17 18:43	87-68-3	
Isopropylbenzene (Cumene)	1.0 U	ug/L	1.0	0.17	1		10/20/17 18:43	98-82-8	
p-Isopropyltoluene	0.51J	ug/L	1.0	0.14	1		10/20/17 18:43	99-87-6	
Methylene Chloride	1.8J	ug/L	4.0	1.2	1		10/20/17 18:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	5.0	0.55	1		10/20/17 18:43	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171010-RF-08 **Lab ID: 10406679029** Collected: 10/10/17 09:00 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC									
Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	1.0 U	ug/L	1.0	0.40	1		10/20/17 18:43	1634-04-4	
Naphthalene	4.0 U	ug/L	4.0	0.42	1		10/20/17 18:43	91-20-3	
n-Propylbenzene	1.0 U	ug/L	1.0	0.15	1		10/20/17 18:43	103-65-1	
Styrene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:43	100-42-5	
1,1,1,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:43	630-20-6	
1,1,2,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.19	1		10/20/17 18:43	79-34-5	
Tetrachloroethene	1.0 U	ug/L	1.0	0.16	1		10/20/17 18:43	127-18-4	
Tetrahydrofuran	10.0 U	ug/L	10.0	4.3	1		10/20/17 18:43	109-99-9	
Toluene	0.25J	ug/L	1.0	0.17	1		10/20/17 18:43	108-88-3	B
1,2,3-Trichlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:43	87-61-6	
1,2,4-Trichlorobenzene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:43	120-82-1	
1,1,1-Trichloroethane	1.0 U	ug/L	1.0	0.15	1		10/20/17 18:43	71-55-6	
1,1,2-Trichloroethane	1.0 U	ug/L	1.0	0.22	1		10/20/17 18:43	79-00-5	
Trichloroethene	0.40 U	ug/L	0.40	0.18	1		10/20/17 18:43	79-01-6	
Trichlorofluoromethane	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:43	75-69-4	
1,2,3-Trichloropropane	4.0 U	ug/L	4.0	0.66	1		10/20/17 18:43	96-18-4	
1,1,2-Trichlorotrifluoroethane	1.0 U	ug/L	1.0	0.28	1		10/20/17 18:43	76-13-1	
1,2,4-Trimethylbenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:43	95-63-6	
1,3,5-Trimethylbenzene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:43	108-67-8	
Vinyl chloride	0.20 U	ug/L	0.20	0.096	1		10/20/17 18:43	75-01-4	
Xylene (Total)	3.0 U	ug/L	3.0	0.24	1		10/20/17 18:43	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	75-137		1		10/20/17 18:43	17060-07-0	
Toluene-d8 (S)	100	%	75-125		1		10/20/17 18:43	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125		1		10/20/17 18:43	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171010-RF-09 **Lab ID: 10406679030** Collected: 10/10/17 09:30 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Acetone	20.0 U	ug/L	20.0	8.8	1		10/20/17 18:59	67-64-1	L3
Allyl chloride	4.0 U	ug/L	4.0	1.0	1		10/20/17 18:59	107-05-1	
Benzene	1.0 U	ug/L	1.0	0.34	1		10/20/17 18:59	71-43-2	
Bromobenzene	1.0 U	ug/L	1.0	0.16	1		10/20/17 18:59	108-86-1	
Bromochloromethane	1.0 U	ug/L	1.0	0.38	1		10/20/17 18:59	74-97-5	
Bromodichloromethane	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:59	75-27-4	
Bromoform	4.0 U	ug/L	4.0	1.0	1		10/20/17 18:59	75-25-2	
Bromomethane	4.0 U	ug/L	4.0	1.5	1		10/20/17 18:59	74-83-9	
2-Butanone (MEK)	10.4	ug/L	5.0	2.4	1		10/20/17 18:59	78-93-3	
n-Butylbenzene	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:59	104-51-8	
sec-Butylbenzene	31.1	ug/L	1.0	0.12	1		10/20/17 18:59	135-98-8	
tert-Butylbenzene	1.0 U	ug/L	1.0	0.15	1		10/20/17 18:59	98-06-6	
Carbon tetrachloride	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:59	56-23-5	
Chlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:59	108-90-7	
Chloroethane	1.0 U	ug/L	1.0	0.44	1		10/20/17 18:59	75-00-3	
Chloroform	1.0 U	ug/L	1.0	0.46	1		10/20/17 18:59	67-66-3	
Chloromethane	4.7J	ug/L	10.0	1.1	1		10/20/17 18:59	74-87-3	
2-Chlorotoluene	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:59	95-49-8	
4-Chlorotoluene	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:59	106-43-4	
1,2-Dibromo-3-chloropropane	4.0 U	ug/L	4.0	1.0	1		10/20/17 18:59	96-12-8	
Dibromochloromethane	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:59	124-48-1	
1,2-Dibromoethane (EDB)	1.0 U	ug/L	1.0	0.24	1		10/20/17 18:59	106-93-4	
Dibromomethane	4.0 U	ug/L	4.0	0.50	1		10/20/17 18:59	74-95-3	
1,2-Dichlorobenzene	1.0 U	ug/L	1.0	0.21	1		10/20/17 18:59	95-50-1	
1,3-Dichlorobenzene	1.0 U	ug/L	1.0	0.16	1		10/20/17 18:59	541-73-1	
1,4-Dichlorobenzene	1.0 U	ug/L	1.0	0.10	1		10/20/17 18:59	106-46-7	
Dichlorodifluoromethane	4.0 U	ug/L	4.0	0.31	1		10/20/17 18:59	75-71-8	
1,1-Dichloroethane	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:59	75-34-3	
1,2-Dichloroethane	1.0 U	ug/L	1.0	0.32	1		10/20/17 18:59	107-06-2	
1,1-Dichloroethene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:59	75-35-4	
cis-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.20	1		10/20/17 18:59	156-59-2	
trans-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.21	1		10/20/17 18:59	156-60-5	
Dichlorofluoromethane	1.0 U	ug/L	1.0	0.38	1		10/20/17 18:59	75-43-4	
1,2-Dichloropropane	4.0 U	ug/L	4.0	0.62	1		10/20/17 18:59	78-87-5	
1,3-Dichloropropane	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:59	142-28-9	
2,2-Dichloropropane	4.0 U	ug/L	4.0	0.40	1		10/20/17 18:59	594-20-7	
1,1-Dichloropropene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:59	563-58-6	
cis-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.12	1		10/20/17 18:59	10061-01-5	
trans-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.14	1		10/20/17 18:59	10061-02-6	
Diethyl ether (Ethyl ether)	4.0 U	ug/L	4.0	1.3	1		10/20/17 18:59	60-29-7	
Ethylbenzene	2.9	ug/L	1.0	0.14	1		10/20/17 18:59	100-41-4	
Hexachloro-1,3-butadiene	1.0 U	ug/L	1.0	0.48	1		10/20/17 18:59	87-68-3	
Isopropylbenzene (Cumene)	9.1	ug/L	1.0	0.17	1		10/20/17 18:59	98-82-8	
p-Isopropyltoluene	85.9	ug/L	1.0	0.14	1		10/20/17 18:59	99-87-6	
Methylene Chloride	1.5J	ug/L	4.0	1.2	1		10/20/17 18:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	5.0	0.55	1		10/20/17 18:59	108-10-1	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171010-RF-09 **Lab ID: 10406679030** Collected: 10/10/17 09:30 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	1.0 U	ug/L	1.0	0.40	1		10/20/17 18:59	1634-04-4	
Naphthalene	35.9	ug/L	4.0	0.42	1		10/20/17 18:59	91-20-3	
n-Propylbenzene	27.3	ug/L	1.0	0.15	1		10/20/17 18:59	103-65-1	
Styrene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:59	100-42-5	
1,1,1,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:59	630-20-6	
1,1,2,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.19	1		10/20/17 18:59	79-34-5	
Tetrachloroethene	0.60J	ug/L	1.0	0.16	1		10/20/17 18:59	127-18-4	
Tetrahydrofuran	10.0 U	ug/L	10.0	4.3	1		10/20/17 18:59	109-99-9	
Toluene	0.90J	ug/L	1.0	0.17	1		10/20/17 18:59	108-88-3	B
1,2,3-Trichlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 18:59	87-61-6	
1,2,4-Trichlorobenzene	1.0 U	ug/L	1.0	0.18	1		10/20/17 18:59	120-82-1	
1,1,1-Trichloroethane	1.0 U	ug/L	1.0	0.15	1		10/20/17 18:59	71-55-6	
1,1,2-Trichloroethane	1.0 U	ug/L	1.0	0.22	1		10/20/17 18:59	79-00-5	
Trichloroethene	0.40 U	ug/L	0.40	0.18	1		10/20/17 18:59	79-01-6	
Trichlorofluoromethane	1.0 U	ug/L	1.0	0.13	1		10/20/17 18:59	75-69-4	
1,2,3-Trichloropropane	4.0 U	ug/L	4.0	0.66	1		10/20/17 18:59	96-18-4	
1,1,2-Trichlorotrifluoroethane	1.0 U	ug/L	1.0	0.28	1		10/20/17 18:59	76-13-1	
1,2,4-Trimethylbenzene	425	ug/L	5.0	0.68	5		10/23/17 19:00	95-63-6	
1,3,5-Trimethylbenzene	168	ug/L	1.0	0.18	1		10/20/17 18:59	108-67-8	
Vinyl chloride	0.20 U	ug/L	0.20	0.096	1		10/20/17 18:59	75-01-4	
Xylene (Total)	9.5	ug/L	3.0	0.24	1		10/20/17 18:59	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	75-137		1		10/20/17 18:59	17060-07-0	
Toluene-d8 (S)	99	%	75-125		1		10/20/17 18:59	2037-26-5	
4-Bromofluorobenzene (S)	180	%	75-125		1		10/20/17 18:59	460-00-4	S5

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171010-RF-10 **Lab ID: 10406679031** Collected: 10/10/17 10:30 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC		Analytical Method: EPA 8260B							
Acetone	20.0 U	ug/L	20.0	8.8	1		10/24/17 13:06	67-64-1	
Allyl chloride	4.0 U	ug/L	4.0	1.0	1		10/24/17 13:06	107-05-1	
Benzene	1.0 U	ug/L	1.0	0.34	1		10/24/17 13:06	71-43-2	
Bromobenzene	1.0 U	ug/L	1.0	0.16	1		10/24/17 13:06	108-86-1	
Bromochloromethane	1.0 U	ug/L	1.0	0.38	1		10/24/17 13:06	74-97-5	
Bromodichloromethane	1.0 U	ug/L	1.0	0.20	1		10/24/17 13:06	75-27-4	
Bromoform	4.0 U	ug/L	4.0	1.0	1		10/24/17 13:06	75-25-2	
Bromomethane	4.0 U	ug/L	4.0	1.5	1		10/24/17 13:06	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	5.0	2.4	1		10/24/17 13:06	78-93-3	
n-Butylbenzene	1.0 U	ug/L	1.0	0.13	1		10/24/17 13:06	104-51-8	
sec-Butylbenzene	1.0 U	ug/L	1.0	0.12	1		10/24/17 13:06	135-98-8	
tert-Butylbenzene	1.0 U	ug/L	1.0	0.15	1		10/24/17 13:06	98-06-6	
Carbon tetrachloride	1.0 U	ug/L	1.0	0.20	1		10/24/17 13:06	56-23-5	
Chlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/24/17 13:06	108-90-7	
Chloroethane	1.0 U	ug/L	1.0	0.44	1		10/24/17 13:06	75-00-3	
Chloroform	1.0 U	ug/L	1.0	0.46	1		10/24/17 13:06	67-66-3	
Chloromethane	7.2J	ug/L	10.0	1.1	1		10/24/17 13:06	74-87-3	
2-Chlorotoluene	1.0 U	ug/L	1.0	0.20	1		10/24/17 13:06	95-49-8	
4-Chlorotoluene	1.0 U	ug/L	1.0	0.13	1		10/24/17 13:06	106-43-4	
1,2-Dibromo-3-chloropropane	4.0 U	ug/L	4.0	1.0	1		10/24/17 13:06	96-12-8	
Dibromochloromethane	1.0 U	ug/L	1.0	0.13	1		10/24/17 13:06	124-48-1	
1,2-Dibromoethane (EDB)	1.0 U	ug/L	1.0	0.24	1		10/24/17 13:06	106-93-4	
Dibromomethane	4.0 U	ug/L	4.0	0.50	1		10/24/17 13:06	74-95-3	
1,2-Dichlorobenzene	1.0 U	ug/L	1.0	0.21	1		10/24/17 13:06	95-50-1	
1,3-Dichlorobenzene	1.0 U	ug/L	1.0	0.16	1		10/24/17 13:06	541-73-1	
1,4-Dichlorobenzene	1.0 U	ug/L	1.0	0.10	1		10/24/17 13:06	106-46-7	
Dichlorodifluoromethane	4.0 U	ug/L	4.0	0.31	1		10/24/17 13:06	75-71-8	
1,1-Dichloroethane	1.0 U	ug/L	1.0	0.14	1		10/24/17 13:06	75-34-3	
1,2-Dichloroethane	1.0 U	ug/L	1.0	0.32	1		10/24/17 13:06	107-06-2	
1,1-Dichloroethene	1.0 U	ug/L	1.0	0.18	1		10/24/17 13:06	75-35-4	
cis-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.20	1		10/24/17 13:06	156-59-2	
trans-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.21	1		10/24/17 13:06	156-60-5	
Dichlorofluoromethane	1.0 U	ug/L	1.0	0.38	1		10/24/17 13:06	75-43-4	
1,2-Dichloropropane	4.0 U	ug/L	4.0	0.62	1		10/24/17 13:06	78-87-5	
1,3-Dichloropropane	1.0 U	ug/L	1.0	0.13	1		10/24/17 13:06	142-28-9	
2,2-Dichloropropane	4.0 U	ug/L	4.0	0.40	1		10/24/17 13:06	594-20-7	
1,1-Dichloropropene	1.0 U	ug/L	1.0	0.18	1		10/24/17 13:06	563-58-6	
cis-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.12	1		10/24/17 13:06	10061-01-5	
trans-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.14	1		10/24/17 13:06	10061-02-6	
Diethyl ether (Ethyl ether)	4.0 U	ug/L	4.0	1.3	1		10/24/17 13:06	60-29-7	
Ethylbenzene	1.0 U	ug/L	1.0	0.14	1		10/24/17 13:06	100-41-4	
Hexachloro-1,3-butadiene	1.0 U	ug/L	1.0	0.48	1		10/24/17 13:06	87-68-3	
Isopropylbenzene (Cumene)	1.0 U	ug/L	1.0	0.17	1		10/24/17 13:06	98-82-8	
p-Isopropyltoluene	1.0 U	ug/L	1.0	0.14	1		10/24/17 13:06	99-87-6	
Methylene Chloride	1.2J	ug/L	4.0	1.2	1		10/24/17 13:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	5.0	0.55	1		10/24/17 13:06	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171010-RF-10 **Lab ID: 10406679031** Collected: 10/10/17 10:30 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	1.0 U	ug/L	1.0	0.40	1		10/24/17 13:06	1634-04-4	
Naphthalene	4.0 U	ug/L	4.0	0.42	1		10/24/17 13:06	91-20-3	
n-Propylbenzene	1.0 U	ug/L	1.0	0.15	1		10/24/17 13:06	103-65-1	
Styrene	1.0 U	ug/L	1.0	0.14	1		10/24/17 13:06	100-42-5	
1,1,1,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.14	1		10/24/17 13:06	630-20-6	
1,1,2,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.19	1		10/24/17 13:06	79-34-5	
Tetrachloroethene	1.0 U	ug/L	1.0	0.16	1		10/24/17 13:06	127-18-4	
Tetrahydrofuran	10.0 U	ug/L	10.0	4.3	1		10/24/17 13:06	109-99-9	
Toluene	0.21J	ug/L	1.0	0.17	1		10/24/17 13:06	108-88-3	
1,2,3-Trichlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/24/17 13:06	87-61-6	
1,2,4-Trichlorobenzene	1.0 U	ug/L	1.0	0.18	1		10/24/17 13:06	120-82-1	
1,1,1-Trichloroethane	1.0 U	ug/L	1.0	0.15	1		10/24/17 13:06	71-55-6	
1,1,2-Trichloroethane	1.0 U	ug/L	1.0	0.22	1		10/24/17 13:06	79-00-5	
Trichloroethene	0.40 U	ug/L	0.40	0.18	1		10/24/17 13:06	79-01-6	
Trichlorofluoromethane	1.0 U	ug/L	1.0	0.13	1		10/24/17 13:06	75-69-4	
1,2,3-Trichloropropane	4.0 U	ug/L	4.0	0.66	1		10/24/17 13:06	96-18-4	
1,1,2-Trichlorotrifluoroethane	1.0 U	ug/L	1.0	0.28	1		10/24/17 13:06	76-13-1	
1,2,4-Trimethylbenzene	1.0 U	ug/L	1.0	0.14	1		10/24/17 13:06	95-63-6	
1,3,5-Trimethylbenzene	1.0 U	ug/L	1.0	0.18	1		10/24/17 13:06	108-67-8	
Vinyl chloride	0.20 U	ug/L	0.20	0.096	1		10/24/17 13:06	75-01-4	
Xylene (Total)	3.0 U	ug/L	3.0	0.24	1		10/24/17 13:06	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	75-137		1		10/24/17 13:06	17060-07-0	
Toluene-d8 (S)	97	%	75-125		1		10/24/17 13:06	2037-26-5	
4-Bromofluorobenzene (S)	103	%	75-125		1		10/24/17 13:06	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171010-RF-11 **Lab ID: 10406679032** Collected: 10/10/17 11:00 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC		Analytical Method: EPA 8260B							
Acetone	12.4J	ug/L	20.0	8.8	1		10/20/17 19:32	67-64-1	CH,L1
Allyl chloride	4.0 U	ug/L	4.0	1.0	1		10/20/17 19:32	107-05-1	
Benzene	1.0 U	ug/L	1.0	0.34	1		10/20/17 19:32	71-43-2	
Bromobenzene	1.0 U	ug/L	1.0	0.16	1		10/20/17 19:32	108-86-1	
Bromochloromethane	1.0 U	ug/L	1.0	0.38	1		10/20/17 19:32	74-97-5	
Bromodichloromethane	1.0 U	ug/L	1.0	0.20	1		10/20/17 19:32	75-27-4	
Bromoform	4.0 U	ug/L	4.0	1.0	1		10/20/17 19:32	75-25-2	
Bromomethane	4.0 U	ug/L	4.0	1.5	1		10/20/17 19:32	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	5.0	2.4	1		10/20/17 19:32	78-93-3	
n-Butylbenzene	16.1	ug/L	1.0	0.13	1		10/20/17 19:32	104-51-8	
sec-Butylbenzene	40.2	ug/L	1.0	0.12	1		10/20/17 19:32	135-98-8	
tert-Butylbenzene	7.8	ug/L	1.0	0.15	1		10/20/17 19:32	98-06-6	
Carbon tetrachloride	1.0 U	ug/L	1.0	0.20	1		10/20/17 19:32	56-23-5	
Chlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 19:32	108-90-7	
Chloroethane	1.0 U	ug/L	1.0	0.44	1		10/20/17 19:32	75-00-3	
Chloroform	1.0 U	ug/L	1.0	0.46	1		10/20/17 19:32	67-66-3	
Chloromethane	6.5J	ug/L	10.0	1.1	1		10/20/17 19:32	74-87-3	
2-Chlorotoluene	1.0 U	ug/L	1.0	0.20	1		10/20/17 19:32	95-49-8	
4-Chlorotoluene	1.0 U	ug/L	1.0	0.13	1		10/20/17 19:32	106-43-4	
1,2-Dibromo-3-chloropropane	4.0 U	ug/L	4.0	1.0	1		10/20/17 19:32	96-12-8	
Dibromochloromethane	1.0 U	ug/L	1.0	0.13	1		10/20/17 19:32	124-48-1	
1,2-Dibromoethane (EDB)	1.0 U	ug/L	1.0	0.24	1		10/20/17 19:32	106-93-4	
Dibromomethane	4.0 U	ug/L	4.0	0.50	1		10/20/17 19:32	74-95-3	
1,2-Dichlorobenzene	1.0 U	ug/L	1.0	0.21	1		10/20/17 19:32	95-50-1	
1,3-Dichlorobenzene	1.0 U	ug/L	1.0	0.16	1		10/20/17 19:32	541-73-1	
1,4-Dichlorobenzene	1.0 U	ug/L	1.0	0.10	1		10/20/17 19:32	106-46-7	
Dichlorodifluoromethane	4.0 U	ug/L	4.0	0.31	1		10/20/17 19:32	75-71-8	
1,1-Dichloroethane	1.0 U	ug/L	1.0	0.14	1		10/20/17 19:32	75-34-3	
1,2-Dichloroethane	1.0 U	ug/L	1.0	0.32	1		10/20/17 19:32	107-06-2	
1,1-Dichloroethene	1.0 U	ug/L	1.0	0.18	1		10/20/17 19:32	75-35-4	
cis-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.20	1		10/20/17 19:32	156-59-2	
trans-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.21	1		10/20/17 19:32	156-60-5	
Dichlorofluoromethane	1.0 U	ug/L	1.0	0.38	1		10/20/17 19:32	75-43-4	
1,2-Dichloropropane	4.0 U	ug/L	4.0	0.62	1		10/20/17 19:32	78-87-5	
1,3-Dichloropropane	1.0 U	ug/L	1.0	0.13	1		10/20/17 19:32	142-28-9	
2,2-Dichloropropane	4.0 U	ug/L	4.0	0.40	1		10/20/17 19:32	594-20-7	
1,1-Dichloropropene	1.0 U	ug/L	1.0	0.18	1		10/20/17 19:32	563-58-6	
cis-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.12	1		10/20/17 19:32	10061-01-5	
trans-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.14	1		10/20/17 19:32	10061-02-6	
Diethyl ether (Ethyl ether)	4.0 U	ug/L	4.0	1.3	1		10/20/17 19:32	60-29-7	
Ethylbenzene	2.5	ug/L	1.0	0.14	1		10/20/17 19:32	100-41-4	
Hexachloro-1,3-butadiene	1.0 U	ug/L	1.0	0.48	1		10/20/17 19:32	87-68-3	
Isopropylbenzene (Cumene)	17.5	ug/L	1.0	0.17	1		10/20/17 19:32	98-82-8	
p-Isopropyltoluene	43.7	ug/L	1.0	0.14	1		10/20/17 19:32	99-87-6	
Methylene Chloride	1.5J	ug/L	4.0	1.2	1		10/20/17 19:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	5.0	0.55	1		10/20/17 19:32	108-10-1	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171010-RF-11 **Lab ID: 10406679032** Collected: 10/10/17 11:00 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	1.0 U	ug/L	1.0	0.40	1		10/20/17 19:32	1634-04-4	
Naphthalene	34.4	ug/L	4.0	0.42	1		10/20/17 19:32	91-20-3	
n-Propylbenzene	40.6	ug/L	1.0	0.15	1		10/20/17 19:32	103-65-1	
Styrene	1.0 U	ug/L	1.0	0.14	1		10/20/17 19:32	100-42-5	
1,1,1,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.14	1		10/20/17 19:32	630-20-6	
1,1,2,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.19	1		10/20/17 19:32	79-34-5	
Tetrachloroethene	1.0 U	ug/L	1.0	0.16	1		10/20/17 19:32	127-18-4	
Tetrahydrofuran	10.0 U	ug/L	10.0	4.3	1		10/20/17 19:32	109-99-9	
Toluene	0.38J	ug/L	1.0	0.17	1		10/20/17 19:32	108-88-3	B
1,2,3-Trichlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 19:32	87-61-6	
1,2,4-Trichlorobenzene	1.0 U	ug/L	1.0	0.18	1		10/20/17 19:32	120-82-1	
1,1,1-Trichloroethane	1.0 U	ug/L	1.0	0.15	1		10/20/17 19:32	71-55-6	
1,1,2-Trichloroethane	1.0 U	ug/L	1.0	0.22	1		10/20/17 19:32	79-00-5	
Trichloroethene	0.40 U	ug/L	0.40	0.18	1		10/20/17 19:32	79-01-6	
Trichlorofluoromethane	1.0 U	ug/L	1.0	0.13	1		10/20/17 19:32	75-69-4	
1,2,3-Trichloropropane	4.0 U	ug/L	4.0	0.66	1		10/20/17 19:32	96-18-4	
1,1,2-Trichlorotrifluoroethane	1.0 U	ug/L	1.0	0.28	1		10/20/17 19:32	76-13-1	
1,2,4-Trimethylbenzene	379	ug/L	5.0	0.68	5		10/23/17 19:16	95-63-6	
1,3,5-Trimethylbenzene	118	ug/L	1.0	0.18	1		10/20/17 19:32	108-67-8	
Vinyl chloride	0.20 U	ug/L	0.20	0.096	1		10/20/17 19:32	75-01-4	
Xylene (Total)	3.0 U	ug/L	3.0	0.24	1		10/20/17 19:32	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	75-137		1		10/20/17 19:32	17060-07-0	
Toluene-d8 (S)	102	%	75-125		1		10/20/17 19:32	2037-26-5	
4-Bromofluorobenzene (S)	109	%	75-125		1		10/20/17 19:32	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171010-RF-12 **Lab ID: 10406679033** Collected: 10/10/17 11:30 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC		Analytical Method: EPA 8260B							
Acetone	20.0 U	ug/L	20.0	8.8	1		10/20/17 19:48	67-64-1	L3
Allyl chloride	4.0 U	ug/L	4.0	1.0	1		10/20/17 19:48	107-05-1	
Benzene	1.0 U	ug/L	1.0	0.34	1		10/20/17 19:48	71-43-2	
Bromobenzene	1.0 U	ug/L	1.0	0.16	1		10/20/17 19:48	108-86-1	
Bromochloromethane	1.0 U	ug/L	1.0	0.38	1		10/20/17 19:48	74-97-5	
Bromodichloromethane	1.0 U	ug/L	1.0	0.20	1		10/20/17 19:48	75-27-4	
Bromoform	4.0 U	ug/L	4.0	1.0	1		10/20/17 19:48	75-25-2	
Bromomethane	4.0 U	ug/L	4.0	1.5	1		10/20/17 19:48	74-83-9	
2-Butanone (MEK)	5.0 U	ug/L	5.0	2.4	1		10/20/17 19:48	78-93-3	
n-Butylbenzene	1.0 U	ug/L	1.0	0.13	1		10/20/17 19:48	104-51-8	
sec-Butylbenzene	5.4	ug/L	1.0	0.12	1		10/20/17 19:48	135-98-8	
tert-Butylbenzene	1.7	ug/L	1.0	0.15	1		10/20/17 19:48	98-06-6	
Carbon tetrachloride	1.0 U	ug/L	1.0	0.20	1		10/20/17 19:48	56-23-5	
Chlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 19:48	108-90-7	
Chloroethane	1.0 U	ug/L	1.0	0.44	1		10/20/17 19:48	75-00-3	
Chloroform	1.0 U	ug/L	1.0	0.46	1		10/20/17 19:48	67-66-3	
Chloromethane	2.9J	ug/L	10.0	1.1	1		10/20/17 19:48	74-87-3	
2-Chlorotoluene	1.0 U	ug/L	1.0	0.20	1		10/20/17 19:48	95-49-8	
4-Chlorotoluene	1.0 U	ug/L	1.0	0.13	1		10/20/17 19:48	106-43-4	
1,2-Dibromo-3-chloropropane	4.0 U	ug/L	4.0	1.0	1		10/20/17 19:48	96-12-8	
Dibromochloromethane	1.0 U	ug/L	1.0	0.13	1		10/20/17 19:48	124-48-1	
1,2-Dibromoethane (EDB)	1.0 U	ug/L	1.0	0.24	1		10/20/17 19:48	106-93-4	
Dibromomethane	4.0 U	ug/L	4.0	0.50	1		10/20/17 19:48	74-95-3	
1,2-Dichlorobenzene	1.0 U	ug/L	1.0	0.21	1		10/20/17 19:48	95-50-1	
1,3-Dichlorobenzene	1.0 U	ug/L	1.0	0.16	1		10/20/17 19:48	541-73-1	
1,4-Dichlorobenzene	1.0 U	ug/L	1.0	0.10	1		10/20/17 19:48	106-46-7	
Dichlorodifluoromethane	4.0 U	ug/L	4.0	0.31	1		10/20/17 19:48	75-71-8	
1,1-Dichloroethane	1.0 U	ug/L	1.0	0.14	1		10/20/17 19:48	75-34-3	
1,2-Dichloroethane	1.0 U	ug/L	1.0	0.32	1		10/20/17 19:48	107-06-2	
1,1-Dichloroethene	1.0 U	ug/L	1.0	0.18	1		10/20/17 19:48	75-35-4	
cis-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.20	1		10/20/17 19:48	156-59-2	
trans-1,2-Dichloroethene	1.0 U	ug/L	1.0	0.21	1		10/20/17 19:48	156-60-5	
Dichlorofluoromethane	1.0 U	ug/L	1.0	0.38	1		10/20/17 19:48	75-43-4	
1,2-Dichloropropane	4.0 U	ug/L	4.0	0.62	1		10/20/17 19:48	78-87-5	
1,3-Dichloropropane	1.0 U	ug/L	1.0	0.13	1		10/20/17 19:48	142-28-9	
2,2-Dichloropropane	4.0 U	ug/L	4.0	0.40	1		10/20/17 19:48	594-20-7	
1,1-Dichloropropene	1.0 U	ug/L	1.0	0.18	1		10/20/17 19:48	563-58-6	
cis-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.12	1		10/20/17 19:48	10061-01-5	
trans-1,3-Dichloropropene	4.0 U	ug/L	4.0	0.14	1		10/20/17 19:48	10061-02-6	
Diethyl ether (Ethyl ether)	4.0 U	ug/L	4.0	1.3	1		10/20/17 19:48	60-29-7	
Ethylbenzene	1.0	ug/L	1.0	0.14	1		10/20/17 19:48	100-41-4	
Hexachloro-1,3-butadiene	1.0 U	ug/L	1.0	0.48	1		10/20/17 19:48	87-68-3	
Isopropylbenzene (Cumene)	1.7	ug/L	1.0	0.17	1		10/20/17 19:48	98-82-8	
p-Isopropyltoluene	17.8	ug/L	1.0	0.14	1		10/20/17 19:48	99-87-6	
Methylene Chloride	4.0 U	ug/L	4.0	1.2	1		10/20/17 19:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0 U	ug/L	5.0	0.55	1		10/20/17 19:48	108-10-1	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: W-171010-RF-12 **Lab ID: 10406679033** Collected: 10/10/17 11:30 Received: 10/11/17 10:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260B VOC Analytical Method: EPA 8260B									
Methyl-tert-butyl ether	1.0 U	ug/L	1.0	0.40	1		10/20/17 19:48	1634-04-4	
Naphthalene	13.8	ug/L	4.0	0.42	1		10/20/17 19:48	91-20-3	
n-Propylbenzene	5.1	ug/L	1.0	0.15	1		10/20/17 19:48	103-65-1	
Styrene	1.0 U	ug/L	1.0	0.14	1		10/20/17 19:48	100-42-5	
1,1,1,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.14	1		10/20/17 19:48	630-20-6	
1,1,2,2-Tetrachloroethane	1.0 U	ug/L	1.0	0.19	1		10/20/17 19:48	79-34-5	
Tetrachloroethene	1.0 U	ug/L	1.0	0.16	1		10/20/17 19:48	127-18-4	
Tetrahydrofuran	10.0 U	ug/L	10.0	4.3	1		10/20/17 19:48	109-99-9	
Toluene	0.38J	ug/L	1.0	0.17	1		10/20/17 19:48	108-88-3	B
1,2,3-Trichlorobenzene	1.0 U	ug/L	1.0	0.14	1		10/20/17 19:48	87-61-6	
1,2,4-Trichlorobenzene	1.0 U	ug/L	1.0	0.18	1		10/20/17 19:48	120-82-1	
1,1,1-Trichloroethane	1.0 U	ug/L	1.0	0.15	1		10/20/17 19:48	71-55-6	
1,1,2-Trichloroethane	1.0 U	ug/L	1.0	0.22	1		10/20/17 19:48	79-00-5	
Trichloroethene	0.40 U	ug/L	0.40	0.18	1		10/20/17 19:48	79-01-6	
Trichlorofluoromethane	1.0 U	ug/L	1.0	0.13	1		10/20/17 19:48	75-69-4	
1,2,3-Trichloropropane	4.0 U	ug/L	4.0	0.66	1		10/20/17 19:48	96-18-4	
1,1,2-Trichlorotrifluoroethane	1.0 U	ug/L	1.0	0.28	1		10/20/17 19:48	76-13-1	
1,2,4-Trimethylbenzene	159	ug/L	1.0	0.14	1		10/20/17 19:48	95-63-6	
1,3,5-Trimethylbenzene	48.9	ug/L	1.0	0.18	1		10/20/17 19:48	108-67-8	
Vinyl chloride	0.20 U	ug/L	0.20	0.096	1		10/20/17 19:48	75-01-4	
Xylene (Total)	3.0 U	ug/L	3.0	0.24	1		10/20/17 19:48	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	96	%	75-137		1		10/20/17 19:48	17060-07-0	
Toluene-d8 (S)	101	%	75-125		1		10/20/17 19:48	2037-26-5	
4-Bromofluorobenzene (S)	107	%	75-125		1		10/20/17 19:48	460-00-4	

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: Trip Blank **Lab ID: 10406679034** Collected: 10/09/17 00:00 Received: 10/11/17 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Med Level		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	250 U	ug/kg	250	77.8	1	10/20/17 07:45	10/20/17 11:46	67-64-1	
Allyl chloride	250 U	ug/kg	250	52.4	1	10/20/17 07:45	10/20/17 11:46	107-05-1	
Benzene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	71-43-2	
Bromobenzene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	108-86-1	
Bromochloromethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	74-97-5	
Bromodichloromethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	75-27-4	
Bromoform	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	75-25-2	
Bromomethane	250 U	ug/kg	250	69.9	1	10/20/17 07:45	10/20/17 11:46	74-83-9	
2-Butanone (MEK)	250 U	ug/kg	250	107	1	10/20/17 07:45	10/20/17 11:46	78-93-3	
n-Butylbenzene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	104-51-8	
sec-Butylbenzene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	135-98-8	
tert-Butylbenzene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	98-06-6	
Carbon tetrachloride	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	56-23-5	
Chlorobenzene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	108-90-7	
Chloroethane	250 U	ug/kg	250	67.0	1	10/20/17 07:45	10/20/17 11:46	75-00-3	
Chloroform	250 U	ug/kg	250	46.4	1	10/20/17 07:45	10/20/17 11:46	67-66-3	
Chloromethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	74-87-3	
2-Chlorotoluene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	95-49-8	
4-Chlorotoluene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	106-43-4	
1,2-Dibromo-3-chloropropane	250 U	ug/kg	250	91.2	1	10/20/17 07:45	10/20/17 11:46	96-12-8	
Dibromochloromethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	124-48-1	
1,2-Dibromoethane (EDB)	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	106-93-4	
Dibromomethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	74-95-3	
1,2-Dichlorobenzene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	95-50-1	
1,3-Dichlorobenzene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	541-73-1	
1,4-Dichlorobenzene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	106-46-7	
Dichlorodifluoromethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	75-71-8	
1,1-Dichloroethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	75-34-3	
1,2-Dichloroethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	107-06-2	
1,2-Dichloroethene (Total)	120 U	ug/kg	120	35.5	1	10/20/17 07:45	10/20/17 11:46	540-59-0	
1,1-Dichloroethene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	75-35-4	
cis-1,2-Dichloroethene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	156-59-2	
trans-1,2-Dichloroethene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	156-60-5	
Dichlorofluoromethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	75-43-4	
1,2-Dichloropropane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	78-87-5	
1,3-Dichloropropane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	142-28-9	
2,2-Dichloropropane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	594-20-7	
1,1-Dichloropropene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	563-58-6	
cis-1,3-Dichloropropene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	10061-01-5	
trans-1,3-Dichloropropene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	10061-02-6	
Diethyl ether (Ethyl ether)	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	60-29-7	
Ethylbenzene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	100-41-4	
Hexachloro-1,3-butadiene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	87-68-3	
Isopropylbenzene (Cumene)	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	98-82-8	
p-Isopropyltoluene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	99-87-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Sample: Trip Blank **Lab ID: 10406679034** Collected: 10/09/17 00:00 Received: 10/11/17 10:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035 Med Level		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Methylene Chloride	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	250 U	ug/kg	250	41.1	1	10/20/17 07:45	10/20/17 11:46	108-10-1	
Methyl-tert-butyl ether	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	1634-04-4	
Naphthalene	250 U	ug/kg	250	40.0	1	10/20/17 07:45	10/20/17 11:46	91-20-3	
n-Propylbenzene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	103-65-1	
Styrene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	100-42-5	
1,1,1,2-Tetrachloroethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	630-20-6	
1,1,2,2-Tetrachloroethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	79-34-5	
Tetrachloroethene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	127-18-4	
Tetrahydrofuran	250 U	ug/kg	250	110	1	10/20/17 07:45	10/20/17 11:46	109-99-9	
Toluene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	108-88-3	
1,2,3-Trichlorobenzene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	87-61-6	
1,2,4-Trichlorobenzene	250 U	ug/kg	250	47.6	1	10/20/17 07:45	10/20/17 11:46	120-82-1	
1,1,1-Trichloroethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	71-55-6	
1,1,2-Trichloroethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	79-00-5	
Trichloroethene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	79-01-6	
Trichlorofluoromethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	75-69-4	
1,2,3-Trichloropropane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	96-18-4	
1,1,2-Trichlorotrifluoroethane	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	76-13-1	
1,2,4-Trimethylbenzene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	95-63-6	
1,3,5-Trimethylbenzene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	108-67-8	
Vinyl chloride	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	75-01-4	
Xylene (Total)	180 U	ug/kg	180	75.0	1	10/20/17 07:45	10/20/17 11:46	1330-20-7	
m&p-Xylene	120 U	ug/kg	120	50.0	1	10/20/17 07:45	10/20/17 11:46	179601-23-1	
o-Xylene	60.0 U	ug/kg	60.0	25.0	1	10/20/17 07:45	10/20/17 11:46	95-47-6	
Surrogates									
Dibromofluoromethane (S)	94	%	68-130		1	10/20/17 07:45	10/20/17 11:46	1868-53-7	
Toluene-d8 (S)	94	%	68-149		1	10/20/17 07:45	10/20/17 11:46	2037-26-5	
4-Bromofluorobenzene (S)	86	%	58-141		1	10/20/17 07:45	10/20/17 11:46	460-00-4	

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

QC Batch: 502064

Analysis Method: ASTM D2974

QC Batch Method: ASTM D2974

Analysis Description: Dry Weight / %M by ASTM D2974

Associated Lab Samples: 10406679020, 10406679021, 10406679022

SAMPLE DUPLICATE: 2729023

Parameter	Units	10406769001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.9	16.6	4	30	

SAMPLE DUPLICATE: 2729024

Parameter	Units	10406808007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.4	15.0	3	30	

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

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

QC Batch: 271130 Analysis Method: EPA 8260

QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low

Associated Lab Samples: 10406679001, 10406679002, 10406679003, 10406679004, 10406679005, 10406679006, 10406679007, 10406679008, 10406679009, 10406679010, 10406679011, 10406679012, 10406679013, 10406679014, 10406679015, 10406679016

METHOD BLANK: 1593897 Matrix: Solid

Associated Lab Samples: 10406679001, 10406679002, 10406679003, 10406679004, 10406679005, 10406679006, 10406679007, 10406679008, 10406679009, 10406679010, 10406679011, 10406679012, 10406679013, 10406679014, 10406679015, 10406679016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	10.5 U	10.5	10/18/17 08:26	
1,1,1-Trichloroethane	ug/kg	18.1 U	18.1	10/18/17 08:26	
1,1,2,2-Tetrachloroethane	ug/kg	11.4 U	11.4	10/18/17 08:26	
1,1,2-Trichloroethane	ug/kg	12.9 U	12.9	10/18/17 08:26	
1,1,2-Trichlorotrifluoroethane	ug/kg	21.6 U	21.6	10/18/17 08:26	
1,1-Dichloroethane	ug/kg	15.3 U	15.3	10/18/17 08:26	
1,1-Dichloroethene	ug/kg	17.4 U	17.4	10/18/17 08:26	
1,1-Dichloropropene	ug/kg	17.8 U	17.8	10/18/17 08:26	
1,2,3-Trichlorobenzene	ug/kg	12.0 U	12.0	10/18/17 08:26	
1,2,3-Trichloropropane	ug/kg	11.7 U	11.7	10/18/17 08:26	
1,2,4-Trichlorobenzene	ug/kg	12.2 U	12.2	10/18/17 08:26	
1,2,4-Trimethylbenzene	ug/kg	10.8 U	10.8	10/18/17 08:26	
1,2-Dibromo-3-chloropropane	ug/kg	15.6 U	15.6	10/18/17 08:26	
1,2-Dibromoethane (EDB)	ug/kg	13.4 U	13.4	10/18/17 08:26	
1,2-Dichlorobenzene	ug/kg	11.9 U	11.9	10/18/17 08:26	
1,2-Dichloroethane	ug/kg	17.3 U	17.3	10/18/17 08:26	
1,2-Dichloroethene (Total)	ug/kg	35.3 U	35.3	10/18/17 08:26	
1,2-Dichloropropane	ug/kg	10.7 U	10.7	10/18/17 08:26	
1,3,5-Trimethylbenzene	ug/kg	11.1 U	11.1	10/18/17 08:26	
1,3-Dichlorobenzene	ug/kg	12.0 U	12.0	10/18/17 08:26	
1,3-Dichloropropane	ug/kg	10.8 U	10.8	10/18/17 08:26	
1,4-Dichlorobenzene	ug/kg	11.4 U	11.4	10/18/17 08:26	
2,2-Dichloropropane	ug/kg	17.8 U	17.8	10/18/17 08:26	
2-Butanone (MEK)	ug/kg	15.6 U	15.6	10/18/17 08:26	
2-Chlorotoluene	ug/kg	10.9 U	10.9	10/18/17 08:26	
4-Chlorotoluene	ug/kg	12.7 U	12.7	10/18/17 08:26	
4-Methyl-2-pentanone (MIBK)	ug/kg	10.9 U	10.9	10/18/17 08:26	
Acetone	ug/kg	31.9 U	31.9	10/18/17 08:26	
Allyl chloride	ug/kg	17.5 U	17.5	10/18/17 08:26	
Benzene	ug/kg	15.7 U	15.7	10/18/17 08:26	
Bromobenzene	ug/kg	12.4 U	12.4	10/18/17 08:26	
Bromochloromethane	ug/kg	19.2 U	19.2	10/18/17 08:26	
Bromodichloromethane	ug/kg	11.1 U	11.1	10/18/17 08:26	
Bromoform	ug/kg	13.9 U	13.9	10/18/17 08:26	
Bromomethane	ug/kg	25.4 U	25.4	10/18/17 08:26	
Carbon tetrachloride	ug/kg	16.9 U	16.9	10/18/17 08:26	
Chlorobenzene	ug/kg	12.2 U	12.2	10/18/17 08:26	
Chloroethane	ug/kg	14.7 U	14.7	10/18/17 08:26	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

METHOD BLANK: 1593897

Matrix: Solid

Associated Lab Samples: 10406679001, 10406679002, 10406679003, 10406679004, 10406679005, 10406679006, 10406679007, 10406679008, 10406679009, 10406679010, 10406679011, 10406679012, 10406679013, 10406679014, 10406679015, 10406679016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/kg	17.7 U	17.7	10/18/17 08:26	
Chloromethane	ug/kg	13.9 U	13.9	10/18/17 08:26	
cis-1,2-Dichloroethene	ug/kg	17.5 U	17.5	10/18/17 08:26	
cis-1,3-Dichloropropene	ug/kg	8.4 U	8.4	10/18/17 08:26	
Dibromochloromethane	ug/kg	10.8 U	10.8	10/18/17 08:26	
Dibromomethane	ug/kg	14.2 U	14.2	10/18/17 08:26	
Dichlorodifluoromethane	ug/kg	20.2 U	20.2	10/18/17 08:26	
Dichlorofluoromethane	ug/kg	16.5 U	16.5	10/18/17 08:26	
Diethyl ether (Ethyl ether)	ug/kg	16.4 U	16.4	10/18/17 08:26	
Ethylbenzene	ug/kg	12.5 U	12.5	10/18/17 08:26	
Hexachloro-1,3-butadiene	ug/kg	12.6 U	12.6	10/18/17 08:26	
Isopropylbenzene (Cumene)	ug/kg	13.2 U	13.2	10/18/17 08:26	
m&p-Xylene	ug/kg	27.5 U	27.5	10/18/17 08:26	
Methyl-tert-butyl ether	ug/kg	16.8 U	16.8	10/18/17 08:26	
Methylene Chloride	ug/kg	16.3 U	16.3	10/18/17 08:26	
n-Butylbenzene	ug/kg	11.4 U	11.4	10/18/17 08:26	
n-Propylbenzene	ug/kg	11.1 U	11.1	10/18/17 08:26	
Naphthalene	ug/kg	10.8 U	10.8	10/18/17 08:26	
o-Xylene	ug/kg	12.7 U	12.7	10/18/17 08:26	
p-Isopropyltoluene	ug/kg	10.9 U	10.9	10/18/17 08:26	
sec-Butylbenzene	ug/kg	11.8 U	11.8	10/18/17 08:26	
Styrene	ug/kg	13.9 U	13.9	10/18/17 08:26	
tert-Butylbenzene	ug/kg	10.6 U	10.6	10/18/17 08:26	
Tetrachloroethene	ug/kg	15.0 U	15.0	10/18/17 08:26	
Tetrahydrofuran	ug/kg	15.7 U	15.7	10/18/17 08:26	
Toluene	ug/kg	11.9 U	11.9	10/18/17 08:26	
trans-1,2-Dichloroethene	ug/kg	17.8 U	17.8	10/18/17 08:26	
trans-1,3-Dichloropropene	ug/kg	8.0 U	8.0	10/18/17 08:26	
Trichloroethene	ug/kg	11.7 U	11.7	10/18/17 08:26	
Trichlorofluoromethane	ug/kg	19.6 U	19.6	10/18/17 08:26	
Vinyl chloride	ug/kg	15.2 U	15.2	10/18/17 08:26	
Xylene (Total)	ug/kg	40.1 U	40.1	10/18/17 08:26	
4-Bromofluorobenzene (S)	%	96	70-130	10/18/17 08:26	
Dibromofluoromethane (S)	%	101	70-130	10/18/17 08:26	
Toluene-d8 (S)	%	101	70-130	10/18/17 08:26	

LABORATORY CONTROL SAMPLE & LCSD: 1593898

1593899

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	48.6	46.8	97	94	65-131	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	50	61.2	56.9	122	114	90-178	7	20	
1,1,2-Trichloroethane	ug/kg	50	53.5	49.5	107	99	70-130	8	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

LABORATORY CONTROL SAMPLE & LCSD:		1593898	1593899		LCS	LCSD	% Rec		Max	
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	% Rec	% Rec	Limits	RPD	RPD	Qualifiers
1,1,2-Trichlorotrifluoroethane	ug/kg	50	54.0	51.5	108	103	50-150	5	20	
1,1-Dichloroethane	ug/kg	50	49.6	46.9	99	94	69-123	5	20	
1,1-Dichloroethene	ug/kg	50	51.1	46.3	102	93	50-127	10	20	
1,2,4-Trichlorobenzene	ug/kg	50	61.7	60.9	123	122	70-139	1	25	
1,2-Dibromo-3-chloropropane	ug/kg	50	59.0	58.5	118	117	85-191	1	40	
1,2-Dibromoethane (EDB)	ug/kg	50	48.1	44.9	96	90	70-130	7	20	
1,2-Dichlorobenzene	ug/kg	50	55.3	52.2	111	104	70-134	6	20	
1,2-Dichloroethane	ug/kg	50	56.8	54.8	114	110	61-147	4	20	
1,2-Dichloroethene (Total)	ug/kg		100	96.6				4	20	
1,2-Dichloropropane	ug/kg	50	53.0	48.9	106	98	80-120	8	20	
1,3-Dichlorobenzene	ug/kg	50	57.4	55.0	115	110	70-140	4	20	
1,4-Dichlorobenzene	ug/kg	50	57.5	53.6	115	107	70-130	7	23	
Benzene	ug/kg	50	47.7	46.0	95	92	70-129	3	20	
Bromodichloromethane	ug/kg	50	55.0	51.2	110	102	70-135	7	20	
Bromoform	ug/kg	50	39.9	37.1	80	74	70-132	7	21	
Bromomethane	ug/kg	50	46.9	45.5	94	91	35-136	3	25	
Carbon tetrachloride	ug/kg	50	46.6	45.1	93	90	67-134	3	20	
Chlorobenzene	ug/kg	50	49.9	46.8	100	94	70-130	6	20	
Chloroethane	ug/kg	50	46.6	43.9	93	88	38-139	6	21	
Chloroform	ug/kg	50	51.1	47.7	102	95	67-127	7	20	
Chloromethane	ug/kg	50	36.3	36.0	73	72	23-127	1	20	
cis-1,2-Dichloroethene	ug/kg	50	40.8	39.4	82	79	66-130	4	20	
cis-1,3-Dichloropropene	ug/kg	50	47.6	45.1	95	90	70-123	6	20	
Dibromochloromethane	ug/kg	50	53.7	48.7	107	97	70-131	10	20	
Dichlorodifluoromethane	ug/kg	50	28.5	27.1	57	54	25-146	5	20	
Ethylbenzene	ug/kg	50	50.8	47.9	102	96	80-120	6	21	
Isopropylbenzene (Cumene)	ug/kg	50	51.2	48.0	102	96	70-130	6	20	
m&p-Xylene	ug/kg	100	108	102	108	102	70-130	6	22	
Methyl-tert-butyl ether	ug/kg	50	58.6	54.4	117	109	57-143	7	20	
Methylene Chloride	ug/kg	50	60.3	59.2	121	118	59-131	2	20	
o-Xylene	ug/kg	50	51.3	48.9	103	98	70-130	5	23	
Styrene	ug/kg	50	50.2	46.4	100	93	70-129	8	20	
Tetrachloroethene	ug/kg	50	47.9	44.2	96	88	70-130	8	21	
Toluene	ug/kg	50	45.3	42.5	91	85	80-120	6	21	
trans-1,2-Dichloroethene	ug/kg	50	59.5	57.3	119	115	59-128	4	20	
trans-1,3-Dichloropropene	ug/kg	50	46.4	44.0	93	88	70-130	5	20	
Trichloroethene	ug/kg	50	48.2	44.9	96	90	70-130	7	20	
Trichlorofluoromethane	ug/kg	50	46.1	44.6	92	89	64-143	3	20	
Vinyl chloride	ug/kg	50	39.4	36.2	79	72	46-139	8	26	
Xylene (Total)	ug/kg	150	159	151	106	101	70-130	5	20	
4-Bromofluorobenzene (S)	%				105	103	70-130			
Dibromofluoromethane (S)	%				102	100	70-130			
Toluene-d8 (S)	%				100	100	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

QC Batch: 271321 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low
 Associated Lab Samples: 10406679017, 10406679018, 10406679019, 10406679020, 10406679021

METHOD BLANK: 1595176 Matrix: Solid
 Associated Lab Samples: 10406679017, 10406679018, 10406679019, 10406679020, 10406679021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	10.5 U	10.5	10/19/17 09:36	
1,1,1-Trichloroethane	ug/kg	18.1 U	18.1	10/19/17 09:36	
1,1,2,2-Tetrachloroethane	ug/kg	11.4 U	11.4	10/19/17 09:36	
1,1,2-Trichloroethane	ug/kg	12.9 U	12.9	10/19/17 09:36	
1,1,2-Trichlorotrifluoroethane	ug/kg	21.6 U	21.6	10/19/17 09:36	
1,1-Dichloroethane	ug/kg	15.3 U	15.3	10/19/17 09:36	
1,1-Dichloroethene	ug/kg	17.4 U	17.4	10/19/17 09:36	
1,1-Dichloropropene	ug/kg	17.8 U	17.8	10/19/17 09:36	
1,2,3-Trichlorobenzene	ug/kg	12.0 U	12.0	10/19/17 09:36	
1,2,3-Trichloropropane	ug/kg	11.7 U	11.7	10/19/17 09:36	
1,2,4-Trichlorobenzene	ug/kg	12.2 U	12.2	10/19/17 09:36	
1,2,4-Trimethylbenzene	ug/kg	10.8 U	10.8	10/19/17 09:36	
1,2-Dibromo-3-chloropropane	ug/kg	15.6 U	15.6	10/19/17 09:36	
1,2-Dibromoethane (EDB)	ug/kg	13.4 U	13.4	10/19/17 09:36	
1,2-Dichlorobenzene	ug/kg	11.9 U	11.9	10/19/17 09:36	
1,2-Dichloroethane	ug/kg	17.3 U	17.3	10/19/17 09:36	
1,2-Dichloroethene (Total)	ug/kg	35.3 U	35.3	10/19/17 09:36	
1,2-Dichloropropane	ug/kg	10.7 U	10.7	10/19/17 09:36	
1,3,5-Trimethylbenzene	ug/kg	11.1 U	11.1	10/19/17 09:36	
1,3-Dichlorobenzene	ug/kg	12.0 U	12.0	10/19/17 09:36	
1,3-Dichloropropane	ug/kg	10.8 U	10.8	10/19/17 09:36	
1,4-Dichlorobenzene	ug/kg	11.4 U	11.4	10/19/17 09:36	
2,2-Dichloropropane	ug/kg	17.8 U	17.8	10/19/17 09:36	
2-Butanone (MEK)	ug/kg	15.6 U	15.6	10/19/17 09:36	
2-Chlorotoluene	ug/kg	10.9 U	10.9	10/19/17 09:36	
4-Chlorotoluene	ug/kg	12.7 U	12.7	10/19/17 09:36	
4-Methyl-2-pentanone (MIBK)	ug/kg	10.9 U	10.9	10/19/17 09:36	
Acetone	ug/kg	31.9 U	31.9	10/19/17 09:36	
Allyl chloride	ug/kg	17.5 U	17.5	10/19/17 09:36	
Benzene	ug/kg	15.7 U	15.7	10/19/17 09:36	
Bromobenzene	ug/kg	12.4 U	12.4	10/19/17 09:36	
Bromochloromethane	ug/kg	19.2 U	19.2	10/19/17 09:36	
Bromodichloromethane	ug/kg	11.1 U	11.1	10/19/17 09:36	
Bromoform	ug/kg	13.9 U	13.9	10/19/17 09:36	
Bromomethane	ug/kg	25.4 U	25.4	10/19/17 09:36	
Carbon tetrachloride	ug/kg	16.9 U	16.9	10/19/17 09:36	
Chlorobenzene	ug/kg	12.2 U	12.2	10/19/17 09:36	
Chloroethane	ug/kg	14.7 U	14.7	10/19/17 09:36	
Chloroform	ug/kg	17.7 U	17.7	10/19/17 09:36	
Chloromethane	ug/kg	13.9 U	13.9	10/19/17 09:36	
cis-1,2-Dichloroethene	ug/kg	17.5 U	17.5	10/19/17 09:36	

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

METHOD BLANK: 1595176

Matrix: Solid

Associated Lab Samples: 10406679017, 10406679018, 10406679019, 10406679020, 10406679021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	8.4 U	8.4	10/19/17 09:36	
Dibromochloromethane	ug/kg	10.8 U	10.8	10/19/17 09:36	
Dibromomethane	ug/kg	14.2 U	14.2	10/19/17 09:36	
Dichlorodifluoromethane	ug/kg	20.2 U	20.2	10/19/17 09:36	
Dichlorofluoromethane	ug/kg	16.5 U	16.5	10/19/17 09:36	
Diethyl ether (Ethyl ether)	ug/kg	16.4 U	16.4	10/19/17 09:36	
Ethylbenzene	ug/kg	12.5 U	12.5	10/19/17 09:36	
Hexachloro-1,3-butadiene	ug/kg	12.6 U	12.6	10/19/17 09:36	
Isopropylbenzene (Cumene)	ug/kg	13.2 U	13.2	10/19/17 09:36	
m&p-Xylene	ug/kg	27.5 U	27.5	10/19/17 09:36	
Methyl-tert-butyl ether	ug/kg	16.8 U	16.8	10/19/17 09:36	
Methylene Chloride	ug/kg	16.3 U	16.3	10/19/17 09:36	
n-Butylbenzene	ug/kg	11.4 U	11.4	10/19/17 09:36	
n-Propylbenzene	ug/kg	11.1 U	11.1	10/19/17 09:36	
Naphthalene	ug/kg	10.8 U	10.8	10/19/17 09:36	
o-Xylene	ug/kg	12.7 U	12.7	10/19/17 09:36	
p-Isopropyltoluene	ug/kg	10.9 U	10.9	10/19/17 09:36	
sec-Butylbenzene	ug/kg	11.8 U	11.8	10/19/17 09:36	
Styrene	ug/kg	13.9 U	13.9	10/19/17 09:36	
tert-Butylbenzene	ug/kg	10.6 U	10.6	10/19/17 09:36	
Tetrachloroethene	ug/kg	15.0 U	15.0	10/19/17 09:36	
Tetrahydrofuran	ug/kg	15.7 U	15.7	10/19/17 09:36	
Toluene	ug/kg	11.9 U	11.9	10/19/17 09:36	
trans-1,2-Dichloroethene	ug/kg	17.8 U	17.8	10/19/17 09:36	
trans-1,3-Dichloropropene	ug/kg	8.0 U	8.0	10/19/17 09:36	
Trichloroethene	ug/kg	11.7 U	11.7	10/19/17 09:36	
Trichlorofluoromethane	ug/kg	19.6 U	19.6	10/19/17 09:36	
Vinyl chloride	ug/kg	15.2 U	15.2	10/19/17 09:36	
Xylene (Total)	ug/kg	40.1 U	40.1	10/19/17 09:36	
4-Bromofluorobenzene (S)	%	92	70-130	10/19/17 09:36	
Dibromofluoromethane (S)	%	104	70-130	10/19/17 09:36	
Toluene-d8 (S)	%	97	70-130	10/19/17 09:36	

LABORATORY CONTROL SAMPLE & LCSD: 1595177

1595178

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	48.0	41.9	96	84	65-131	13	20	
1,1,2,2-Tetrachloroethane	ug/kg	50	61.5	53.2	123	106	90-178	15	20	
1,1,2-Trichloroethane	ug/kg	50	54.0	49.1	108	98	70-130	10	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	55.9	46.4	112	93	50-150	18	20	
1,1-Dichloroethane	ug/kg	50	48.3	42.2	97	84	69-123	14	20	
1,1-Dichloroethene	ug/kg	50	50.1	42.3	100	85	50-127	17	20	
1,2,4-Trichlorobenzene	ug/kg	50	59.3	50.6	119	101	70-139	16	25	
1,2-Dibromo-3-chloropropane	ug/kg	50	65.4	56.6	131	113	85-191	14	40	

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

LABORATORY CONTROL SAMPLE & LCSD:		1595177	1595178		LCS	LCSD	% Rec		Max	
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	% Rec	% Rec	Limits	RPD	RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	50	46.9	43.3	94	87	70-130	8	20	
1,2-Dichlorobenzene	ug/kg	50	53.5	46.5	107	93	70-134	14	20	
1,2-Dichloroethane	ug/kg	50	55.7	50.7	111	101	61-147	9	20	
1,2-Dichloroethene (Total)	ug/kg		101	85.6				17	20	
1,2-Dichloropropane	ug/kg	50	52.6	47.6	105	95	80-120	10	20	
1,3-Dichlorobenzene	ug/kg	50	57.2	47.1	114	94	70-140	19	20	
1,4-Dichlorobenzene	ug/kg	50	58.3	48.9	117	98	70-130	17	23	
Benzene	ug/kg	50	45.3	39.7	91	79	70-129	13	20	
Bromodichloromethane	ug/kg	50	55.1	49.6	110	99	70-135	11	20	
Bromoform	ug/kg	50	10.4J	32.9	21	66	70-132		21	L2
Bromomethane	ug/kg	50	50.1	44.1	100	88	35-136	13	25	
Carbon tetrachloride	ug/kg	50	46.4	43.6	93	87	67-134	6	20	
Chlorobenzene	ug/kg	50	50.0	45.1	100	90	70-130	10	20	
Chloroethane	ug/kg	50	49.8	43.8	100	88	38-139	13	21	
Chloroform	ug/kg	50	50.2	44.6	100	89	67-127	12	20	
Chloromethane	ug/kg	50	39.5	35.7	79	71	23-127	10	20	
cis-1,2-Dichloroethene	ug/kg	50	39.6	32.9	79	66	66-130	19	20	
cis-1,3-Dichloropropene	ug/kg	50	46.1	43.8	92	88	70-123	5	20	
Dibromochloromethane	ug/kg	50	54.0	49.1	108	98	70-131	10	20	
Dichlorodifluoromethane	ug/kg	50	27.2	24.0	54	48	25-146	13	20	
Ethylbenzene	ug/kg	50	49.4	44.1	99	88	80-120	11	21	
Isopropylbenzene (Cumene)	ug/kg	50	51.0	44.9	102	90	70-130	13	20	
m&p-Xylene	ug/kg	100	108	95.2	108	95	70-130	12	22	
Methyl-tert-butyl ether	ug/kg	50	59.0	44.2	118	88	57-143	29	20	R1
Methylene Chloride	ug/kg	50	63.7	57.2	127	114	59-131	11	20	
o-Xylene	ug/kg	50	51.4	45.5	103	91	70-130	12	23	
Styrene	ug/kg	50	49.7	44.4	99	89	70-129	11	20	
Tetrachloroethene	ug/kg	50	49.2	43.6	98	87	70-130	12	21	
Toluene	ug/kg	50	44.8	41.6	90	83	80-120	7	21	
trans-1,2-Dichloroethene	ug/kg	50	61.4	52.7	123	105	59-128	15	20	
trans-1,3-Dichloropropene	ug/kg	50	46.4	42.8	93	86	70-130	8	20	
Trichloroethene	ug/kg	50	47.5	43.3	95	87	70-130	9	20	
Trichlorofluoromethane	ug/kg	50	49.1	41.2	98	82	64-143	17	20	
Vinyl chloride	ug/kg	50	39.3	36.7	79	73	46-139	7	26	
Xylene (Total)	ug/kg	150	159	141	106	94	70-130	12	20	
4-Bromofluorobenzene (S)	%				107	106	70-130			
Dibromofluoromethane (S)	%				101	97	70-130			
Toluene-d8 (S)	%				98	98	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

QC Batch: 271343

Analysis Method: EPA 8260

QC Batch Method: EPA 5035/5030B

Analysis Description: 8260 MSV 5035 Med Prep

Associated Lab Samples: 10406679034

METHOD BLANK: 1595301

Matrix: Solid

Associated Lab Samples: 10406679034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,1,1-Trichloroethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,1,2,2-Tetrachloroethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,1,2-Trichloroethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,1,2-Trichlorotrifluoroethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,1-Dichloroethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,1-Dichloroethene	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,1-Dichloropropene	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,2,3-Trichlorobenzene	ug/kg	17.2J	50.0	10/20/17 09:50	
1,2,3-Trichloropropane	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,2,4-Trichlorobenzene	ug/kg	250 U	250	10/20/17 09:50	
1,2,4-Trimethylbenzene	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,2-Dibromo-3-chloropropane	ug/kg	250 U	250	10/20/17 09:50	
1,2-Dibromoethane (EDB)	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,2-Dichlorobenzene	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,2-Dichloroethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,2-Dichloroethene (Total)	ug/kg	100 U	100	10/20/17 09:50	
1,2-Dichloropropane	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,3,5-Trimethylbenzene	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,3-Dichlorobenzene	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,3-Dichloropropane	ug/kg	50.0 U	50.0	10/20/17 09:50	
1,4-Dichlorobenzene	ug/kg	50.0 U	50.0	10/20/17 09:50	
2,2-Dichloropropane	ug/kg	50.0 U	50.0	10/20/17 09:50	
2-Butanone (MEK)	ug/kg	250 U	250	10/20/17 09:50	
2-Chlorotoluene	ug/kg	50.0 U	50.0	10/20/17 09:50	
4-Chlorotoluene	ug/kg	50.0 U	50.0	10/20/17 09:50	
4-Methyl-2-pentanone (MIBK)	ug/kg	250 U	250	10/20/17 09:50	
Acetone	ug/kg	250 U	250	10/20/17 09:50	
Allyl chloride	ug/kg	250 U	250	10/20/17 09:50	
Benzene	ug/kg	20.0 U	20.0	10/20/17 09:50	
Bromobenzene	ug/kg	50.0 U	50.0	10/20/17 09:50	
Bromochloromethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
Bromodichloromethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
Bromoform	ug/kg	50.0 U	50.0	10/20/17 09:50	
Bromomethane	ug/kg	250 U	250	10/20/17 09:50	
Carbon tetrachloride	ug/kg	50.0 U	50.0	10/20/17 09:50	
Chlorobenzene	ug/kg	50.0 U	50.0	10/20/17 09:50	
Chloroethane	ug/kg	250 U	250	10/20/17 09:50	
Chloroform	ug/kg	250 U	250	10/20/17 09:50	
Chloromethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
cis-1,2-Dichloroethene	ug/kg	50.0 U	50.0	10/20/17 09:50	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

METHOD BLANK: 1595301

Matrix: Solid

Associated Lab Samples: 10406679034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	50.0 U	50.0	10/20/17 09:50	
Dibromochloromethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
Dibromomethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
Dichlorodifluoromethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
Dichlorofluoromethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
Diethyl ether (Ethyl ether)	ug/kg	50.0 U	50.0	10/20/17 09:50	
Ethylbenzene	ug/kg	50.0 U	50.0	10/20/17 09:50	
Hexachloro-1,3-butadiene	ug/kg	30.4J	50.0	10/20/17 09:50	
Isopropylbenzene (Cumene)	ug/kg	50.0 U	50.0	10/20/17 09:50	
m&p-Xylene	ug/kg	100 U	100	10/20/17 09:50	
Methyl-tert-butyl ether	ug/kg	50.0 U	50.0	10/20/17 09:50	
Methylene Chloride	ug/kg	50.0 U	50.0	10/20/17 09:50	
n-Butylbenzene	ug/kg	50.0 U	50.0	10/20/17 09:50	
n-Propylbenzene	ug/kg	50.0 U	50.0	10/20/17 09:50	
Naphthalene	ug/kg	250 U	250	10/20/17 09:50	
o-Xylene	ug/kg	50.0 U	50.0	10/20/17 09:50	
p-Isopropyltoluene	ug/kg	50.0 U	50.0	10/20/17 09:50	
sec-Butylbenzene	ug/kg	50.0 U	50.0	10/20/17 09:50	
Styrene	ug/kg	50.0 U	50.0	10/20/17 09:50	
tert-Butylbenzene	ug/kg	50.0 U	50.0	10/20/17 09:50	
Tetrachloroethene	ug/kg	50.0 U	50.0	10/20/17 09:50	
Tetrahydrofuran	ug/kg	250 U	250	10/20/17 09:50	
Toluene	ug/kg	50.0 U	50.0	10/20/17 09:50	
trans-1,2-Dichloroethene	ug/kg	50.0 U	50.0	10/20/17 09:50	
trans-1,3-Dichloropropene	ug/kg	50.0 U	50.0	10/20/17 09:50	
Trichloroethene	ug/kg	50.0 U	50.0	10/20/17 09:50	
Trichlorofluoromethane	ug/kg	50.0 U	50.0	10/20/17 09:50	
Vinyl chloride	ug/kg	50.0 U	50.0	10/20/17 09:50	
Xylene (Total)	ug/kg	150 U	150	10/20/17 09:50	
4-Bromofluorobenzene (S)	%	81	58-141	10/20/17 09:50	
Dibromofluoromethane (S)	%	89	68-130	10/20/17 09:50	
Toluene-d8 (S)	%	94	68-149	10/20/17 09:50	

LABORATORY CONTROL SAMPLE: 1595302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2330	93	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2490	100	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2630	105	70-130	
1,1,2-Trichlorotrifluoroethane	ug/kg	2500	2330	93	50-150	
1,1-Dichloroethane	ug/kg	2500	2120	85	63-124	
1,1-Dichloroethene	ug/kg	2500	2330	93	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2170	87	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1990	80	49-140	

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

LABORATORY CONTROL SAMPLE: 1595302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	2500	2540	102	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2450	98	70-130	
1,2-Dichloroethane	ug/kg	2500	2120	85	56-135	
1,2-Dichloroethene (Total)	ug/kg		4670			
1,2-Dichloropropane	ug/kg	2500	2240	90	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2340	94	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2400	96	70-130	
Benzene	ug/kg	2500	2350	94	66-130	
Bromodichloromethane	ug/kg	2500	2360	94	62-135	
Bromoform	ug/kg	2500	2280	91	68-130	
Bromomethane	ug/kg	2500	2510	100	29-137	
Carbon tetrachloride	ug/kg	2500	2410	96	57-130	
Chlorobenzene	ug/kg	2500	2500	100	70-130	
Chloroethane	ug/kg	2500	2430	97	36-144	
Chloroform	ug/kg	2500	2310	92	69-115	
Chloromethane	ug/kg	2500	1510	61	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2230	89	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2060	83	70-130	
Dibromochloromethane	ug/kg	2500	2320	93	70-130	
Dichlorodifluoromethane	ug/kg	2500	1360	55	10-99	
Ethylbenzene	ug/kg	2500	2460	98	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2570	103	70-130	
m&p-Xylene	ug/kg	5000	5270	105	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2210	88	63-134	
Methylene Chloride	ug/kg	2500	2270	91	56-123	
o-Xylene	ug/kg	2500	2610	104	70-130	
Styrene	ug/kg	2500	2710	108	70-130	
Tetrachloroethene	ug/kg	2500	2550	102	70-131	
Toluene	ug/kg	2500	2560	102	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2440	97	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2140	86	68-130	
Trichloroethene	ug/kg	2500	2330	93	70-130	
Trichlorofluoromethane	ug/kg	2500	2420	97	37-149	
Vinyl chloride	ug/kg	2500	1790	72	43-128	
Xylene (Total)	ug/kg	7500	7880	105	70-130	
4-Bromofluorobenzene (S)	%			94	58-141	
Dibromofluoromethane (S)	%			90	68-130	
Toluene-d8 (S)	%			95	68-149	

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

QC Batch: 271522

Analysis Method: EPA 8260

QC Batch Method: EPA 5035/5030B

Analysis Description: 8260 MSV 5035 Med Prep

Associated Lab Samples: 10406679022

METHOD BLANK: 1596699

Matrix: Solid

Associated Lab Samples: 10406679022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,1,1-Trichloroethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,1,2,2-Tetrachloroethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,1,2-Trichloroethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,1,2-Trichlorotrifluoroethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,1-Dichloroethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,1-Dichloroethene	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,1-Dichloropropene	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,2,3-Trichlorobenzene	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,2,3-Trichloropropane	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,2,4-Trichlorobenzene	ug/kg	250 U	250	10/23/17 09:49	
1,2,4-Trimethylbenzene	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,2-Dibromo-3-chloropropane	ug/kg	250 U	250	10/23/17 09:49	
1,2-Dibromoethane (EDB)	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,2-Dichlorobenzene	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,2-Dichloroethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,2-Dichloroethene (Total)	ug/kg	100 U	100	10/23/17 09:49	
1,2-Dichloropropane	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,3,5-Trimethylbenzene	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,3-Dichlorobenzene	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,3-Dichloropropane	ug/kg	50.0 U	50.0	10/23/17 09:49	
1,4-Dichlorobenzene	ug/kg	50.0 U	50.0	10/23/17 09:49	
2,2-Dichloropropane	ug/kg	50.0 U	50.0	10/23/17 09:49	
2-Butanone (MEK)	ug/kg	250 U	250	10/23/17 09:49	
2-Chlorotoluene	ug/kg	50.0 U	50.0	10/23/17 09:49	
4-Chlorotoluene	ug/kg	50.0 U	50.0	10/23/17 09:49	
4-Methyl-2-pentanone (MIBK)	ug/kg	250 U	250	10/23/17 09:49	
Acetone	ug/kg	250 U	250	10/23/17 09:49	
Allyl chloride	ug/kg	250 U	250	10/23/17 09:49	
Benzene	ug/kg	20.0 U	20.0	10/23/17 09:49	
Bromobenzene	ug/kg	50.0 U	50.0	10/23/17 09:49	
Bromochloromethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
Bromodichloromethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
Bromoform	ug/kg	50.0 U	50.0	10/23/17 09:49	
Bromomethane	ug/kg	250 U	250	10/23/17 09:49	
Carbon tetrachloride	ug/kg	50.0 U	50.0	10/23/17 09:49	
Chlorobenzene	ug/kg	50.0 U	50.0	10/23/17 09:49	
Chloroethane	ug/kg	250 U	250	10/23/17 09:49	
Chloroform	ug/kg	250 U	250	10/23/17 09:49	
Chloromethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
cis-1,2-Dichloroethene	ug/kg	50.0 U	50.0	10/23/17 09:49	

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

METHOD BLANK: 1596699

Matrix: Solid

Associated Lab Samples: 10406679022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	50.0 U	50.0	10/23/17 09:49	
Dibromochloromethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
Dibromomethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
Dichlorodifluoromethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
Dichlorofluoromethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
Diethyl ether (Ethyl ether)	ug/kg	50.0 U	50.0	10/23/17 09:49	
Ethylbenzene	ug/kg	50.0 U	50.0	10/23/17 09:49	
Hexachloro-1,3-butadiene	ug/kg	50.0 U	50.0	10/23/17 09:49	
Isopropylbenzene (Cumene)	ug/kg	50.0 U	50.0	10/23/17 09:49	
m&p-Xylene	ug/kg	100 U	100	10/23/17 09:49	
Methyl-tert-butyl ether	ug/kg	50.0 U	50.0	10/23/17 09:49	
Methylene Chloride	ug/kg	50.0 U	50.0	10/23/17 09:49	
n-Butylbenzene	ug/kg	50.0 U	50.0	10/23/17 09:49	
n-Propylbenzene	ug/kg	50.0 U	50.0	10/23/17 09:49	
Naphthalene	ug/kg	250 U	250	10/23/17 09:49	
o-Xylene	ug/kg	50.0 U	50.0	10/23/17 09:49	
p-Isopropyltoluene	ug/kg	50.0 U	50.0	10/23/17 09:49	
sec-Butylbenzene	ug/kg	50.0 U	50.0	10/23/17 09:49	
Styrene	ug/kg	50.0 U	50.0	10/23/17 09:49	
tert-Butylbenzene	ug/kg	50.0 U	50.0	10/23/17 09:49	
Tetrachloroethene	ug/kg	50.0 U	50.0	10/23/17 09:49	
Tetrahydrofuran	ug/kg	250 U	250	10/23/17 09:49	
Toluene	ug/kg	50.0 U	50.0	10/23/17 09:49	
trans-1,2-Dichloroethene	ug/kg	50.0 U	50.0	10/23/17 09:49	
trans-1,3-Dichloropropene	ug/kg	50.0 U	50.0	10/23/17 09:49	
Trichloroethene	ug/kg	50.0 U	50.0	10/23/17 09:49	
Trichlorofluoromethane	ug/kg	50.0 U	50.0	10/23/17 09:49	
Vinyl chloride	ug/kg	50.0 U	50.0	10/23/17 09:49	
Xylene (Total)	ug/kg	150 U	150	10/23/17 09:49	
4-Bromofluorobenzene (S)	%	79	58-141	10/23/17 09:49	
Dibromofluoromethane (S)	%	86	68-130	10/23/17 09:49	
Toluene-d8 (S)	%	91	68-149	10/23/17 09:49	

LABORATORY CONTROL SAMPLE: 1596700

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2360	94	61-122	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2210	88	73-130	
1,1,2-Trichloroethane	ug/kg	2500	2320	93	70-130	
1,1,2-Trichlorotrifluoroethane	ug/kg	2500	2210	88	50-150	
1,1-Dichloroethane	ug/kg	2500	2130	85	63-124	
1,1-Dichloroethene	ug/kg	2500	2310	92	53-117	
1,2,4-Trichlorobenzene	ug/kg	2500	2390	96	78-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1870	75	49-140	

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

LABORATORY CONTROL SAMPLE: 1596700

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	2500	2380	95	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2430	97	70-130	
1,2-Dichloroethane	ug/kg	2500	1990	79	56-135	
1,2-Dichloroethene (Total)	ug/kg		4780			
1,2-Dichloropropane	ug/kg	2500	2200	88	77-122	
1,3-Dichlorobenzene	ug/kg	2500	2450	98	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2460	98	70-130	
Benzene	ug/kg	2500	2380	95	66-130	
Bromodichloromethane	ug/kg	2500	2350	94	62-135	
Bromoform	ug/kg	2500	1930	77	68-130	
Bromomethane	ug/kg	2500	2390	95	29-137	
Carbon tetrachloride	ug/kg	2500	2340	93	57-130	
Chlorobenzene	ug/kg	2500	2350	94	70-130	
Chloroethane	ug/kg	2500	2250	90	36-144	
Chloroform	ug/kg	2500	2270	91	69-115	
Chloromethane	ug/kg	2500	1480	59	32-126	
cis-1,2-Dichloroethene	ug/kg	2500	2340	94	65-130	
cis-1,3-Dichloropropene	ug/kg	2500	2160	86	70-130	
Dibromochloromethane	ug/kg	2500	2100	84	70-130	
Dichlorodifluoromethane	ug/kg	2500	1250	50	10-99	
Ethylbenzene	ug/kg	2500	2360	94	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2470	99	70-130	
m&p-Xylene	ug/kg	5000	4930	99	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2220	89	63-134	
Methylene Chloride	ug/kg	2500	2190	88	56-123	
o-Xylene	ug/kg	2500	2460	98	70-130	
Styrene	ug/kg	2500	2480	99	70-130	
Tetrachloroethene	ug/kg	2500	2370	95	70-131	
Toluene	ug/kg	2500	2400	96	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2440	98	66-130	
trans-1,3-Dichloropropene	ug/kg	2500	2050	82	68-130	
Trichloroethene	ug/kg	2500	2390	95	70-130	
Trichlorofluoromethane	ug/kg	2500	2290	92	37-149	
Vinyl chloride	ug/kg	2500	1820	73	43-128	
Xylene (Total)	ug/kg	7500	7380	98	70-130	
4-Bromofluorobenzene (S)	%			90	58-141	
Dibromofluoromethane (S)	%			91	68-130	
Toluene-d8 (S)	%			92	68-149	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

QC Batch: 503189 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV 465 W
Associated Lab Samples: 10406679023, 10406679024, 10406679025, 10406679026

METHOD BLANK: 2735105 Matrix: Water
Associated Lab Samples: 10406679023, 10406679024, 10406679025, 10406679026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	1.0 U	1.0	10/18/17 11:59	
1,1,1-Trichloroethane	ug/L	1.0 U	1.0	10/18/17 11:59	
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0	10/18/17 11:59	
1,1,2-Trichloroethane	ug/L	1.0 U	1.0	10/18/17 11:59	
1,1,2-Trichlorotrifluoroethane	ug/L	1.0 U	1.0	10/18/17 11:59	
1,1-Dichloroethane	ug/L	1.0 U	1.0	10/18/17 11:59	
1,1-Dichloroethene	ug/L	1.0 U	1.0	10/18/17 11:59	
1,1-Dichloropropene	ug/L	1.0 U	1.0	10/18/17 11:59	
1,2,3-Trichlorobenzene	ug/L	1.0 U	1.0	10/18/17 11:59	
1,2,3-Trichloropropane	ug/L	4.0 U	4.0	10/18/17 11:59	
1,2,4-Trichlorobenzene	ug/L	1.0 U	1.0	10/18/17 11:59	
1,2,4-Trimethylbenzene	ug/L	1.0 U	1.0	10/18/17 11:59	
1,2-Dibromo-3-chloropropane	ug/L	4.0 U	4.0	10/18/17 11:59	
1,2-Dibromoethane (EDB)	ug/L	1.0 U	1.0	10/18/17 11:59	
1,2-Dichlorobenzene	ug/L	1.0 U	1.0	10/18/17 11:59	
1,2-Dichloroethane	ug/L	1.0 U	1.0	10/18/17 11:59	
1,2-Dichloropropane	ug/L	4.0 U	4.0	10/18/17 11:59	
1,3,5-Trimethylbenzene	ug/L	1.0 U	1.0	10/18/17 11:59	
1,3-Dichlorobenzene	ug/L	1.0 U	1.0	10/18/17 11:59	
1,3-Dichloropropane	ug/L	1.0 U	1.0	10/18/17 11:59	
1,4-Dichlorobenzene	ug/L	1.0 U	1.0	10/18/17 11:59	
2,2-Dichloropropane	ug/L	4.0 U	4.0	10/18/17 11:59	
2-Butanone (MEK)	ug/L	5.0 U	5.0	10/18/17 11:59	
2-Chlorotoluene	ug/L	1.0 U	1.0	10/18/17 11:59	
4-Chlorotoluene	ug/L	1.0 U	1.0	10/18/17 11:59	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	5.0	10/18/17 11:59	
Acetone	ug/L	20.0 U	20.0	10/18/17 11:59	
Allyl chloride	ug/L	4.0 U	4.0	10/18/17 11:59	
Benzene	ug/L	1.0 U	1.0	10/18/17 11:59	
Bromobenzene	ug/L	1.0 U	1.0	10/18/17 11:59	
Bromochloromethane	ug/L	1.0 U	1.0	10/18/17 11:59	
Bromodichloromethane	ug/L	1.0 U	1.0	10/18/17 11:59	
Bromoform	ug/L	4.0 U	4.0	10/18/17 11:59	
Bromomethane	ug/L	4.0 U	4.0	10/18/17 11:59	
Carbon tetrachloride	ug/L	1.0 U	1.0	10/18/17 11:59	
Chlorobenzene	ug/L	1.0 U	1.0	10/18/17 11:59	
Chloroethane	ug/L	1.0 U	1.0	10/18/17 11:59	
Chloroform	ug/L	1.0 U	1.0	10/18/17 11:59	
Chloromethane	ug/L	1.9J	10.0	10/18/17 11:59	MN
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0	10/18/17 11:59	
cis-1,3-Dichloropropene	ug/L	4.0 U	4.0	10/18/17 11:59	

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

METHOD BLANK: 2735105

Matrix: Water

Associated Lab Samples: 10406679023, 10406679024, 10406679025, 10406679026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	1.0 U	1.0	10/18/17 11:59	
Dibromomethane	ug/L	4.0 U	4.0	10/18/17 11:59	
Dichlorodifluoromethane	ug/L	4.0 U	4.0	10/18/17 11:59	MN
Dichlorofluoromethane	ug/L	1.0 U	1.0	10/18/17 11:59	
Diethyl ether (Ethyl ether)	ug/L	4.0 U	4.0	10/18/17 11:59	
Ethylbenzene	ug/L	1.0 U	1.0	10/18/17 11:59	
Hexachloro-1,3-butadiene	ug/L	1.0 U	1.0	10/18/17 11:59	
Isopropylbenzene (Cumene)	ug/L	1.0 U	1.0	10/18/17 11:59	
Methyl-tert-butyl ether	ug/L	1.0 U	1.0	10/18/17 11:59	
Methylene Chloride	ug/L	4.0 U	4.0	10/18/17 11:59	
n-Butylbenzene	ug/L	1.0 U	1.0	10/18/17 11:59	
n-Propylbenzene	ug/L	1.0 U	1.0	10/18/17 11:59	
Naphthalene	ug/L	4.0 U	4.0	10/18/17 11:59	
p-Isopropyltoluene	ug/L	1.0 U	1.0	10/18/17 11:59	
sec-Butylbenzene	ug/L	1.0 U	1.0	10/18/17 11:59	
Styrene	ug/L	1.0 U	1.0	10/18/17 11:59	
tert-Butylbenzene	ug/L	1.0 U	1.0	10/18/17 11:59	
Tetrachloroethene	ug/L	1.0 U	1.0	10/18/17 11:59	
Tetrahydrofuran	ug/L	10.0 U	10.0	10/18/17 11:59	
Toluene	ug/L	0.37J	1.0	10/18/17 11:59	
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0	10/18/17 11:59	
trans-1,3-Dichloropropene	ug/L	4.0 U	4.0	10/18/17 11:59	
Trichloroethene	ug/L	0.40 U	0.40	10/18/17 11:59	
Trichlorofluoromethane	ug/L	1.0 U	1.0	10/18/17 11:59	
Vinyl chloride	ug/L	0.20 U	0.20	10/18/17 11:59	
Xylene (Total)	ug/L	3.0 U	3.0	10/18/17 11:59	
1,2-Dichloroethane-d4 (S)	%	95	75-137	10/18/17 11:59	
4-Bromofluorobenzene (S)	%	100	75-125	10/18/17 11:59	
Toluene-d8 (S)	%	100	75-125	10/18/17 11:59	

LABORATORY CONTROL SAMPLE: 2735106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.9	100	75-125	
1,1,1-Trichloroethane	ug/L	50	49.1	98	69-125	
1,1,2,2-Tetrachloroethane	ug/L	50	52.6	105	70-125	
1,1,2-Trichloroethane	ug/L	50	50.4	101	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	50	47.7	95	70-133	
1,1-Dichloroethane	ug/L	50	49.0	98	62-130	
1,1-Dichloroethene	ug/L	50	50.5	101	64-134	
1,1-Dichloropropene	ug/L	50	50.5	101	65-129	
1,2,3-Trichlorobenzene	ug/L	50	51.7	103	75-125	
1,2,3-Trichloropropane	ug/L	50	50.1	100	70-125	
1,2,4-Trichlorobenzene	ug/L	50	49.5	99	75-125	

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

LABORATORY CONTROL SAMPLE: 2735106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	50.8	102	69-135	
1,2-Dibromo-3-chloropropane	ug/L	125	127	102	73-130	
1,2-Dibromoethane (EDB)	ug/L	50	53.1	106	75-125	
1,2-Dichlorobenzene	ug/L	50	52.7	105	75-125	
1,2-Dichloroethane	ug/L	50	42.3	85	64-126	
1,2-Dichloropropane	ug/L	50	46.3	93	73-125	
1,3,5-Trimethylbenzene	ug/L	50	50.2	100	71-129	
1,3-Dichlorobenzene	ug/L	50	52.9	106	75-125	
1,3-Dichloropropane	ug/L	50	54.5	109	74-125	
1,4-Dichlorobenzene	ug/L	50	52.0	104	75-125	
2,2-Dichloropropane	ug/L	50	49.4	99	59-135	
2-Butanone (MEK)	ug/L	250	227	91	57-142	
2-Chlorotoluene	ug/L	50	51.3	103	73-125	
4-Chlorotoluene	ug/L	50	53.6	107	74-128	
4-Methyl-2-pentanone (MIBK)	ug/L	250	255	102	56-142	
Acetone	ug/L	250	426	171	75-133	CH,L1
Allyl chloride	ug/L	50	46.2	92	62-139	
Benzene	ug/L	50	48.4	97	74-125	
Bromobenzene	ug/L	50	50.7	101	75-125	
Bromochloromethane	ug/L	50	50.6	101	75-125	
Bromodichloromethane	ug/L	50	51.2	102	72-125	
Bromoform	ug/L	50	47.4	95	74-125	
Bromomethane	ug/L	50	52.2	104	30-150	
Carbon tetrachloride	ug/L	50	46.2	92	67-130	
Chlorobenzene	ug/L	50	53.4	107	75-125	
Chloroethane	ug/L	50	51.5	103	63-137	
Chloroform	ug/L	50	46.7	93	68-128	
Chloromethane	ug/L	50	50.5	101	46-145	
cis-1,2-Dichloroethene	ug/L	50	51.4	103	75-125	
cis-1,3-Dichloropropene	ug/L	50	53.7	107	73-125	
Dibromochloromethane	ug/L	50	50.7	101	75-125	
Dibromomethane	ug/L	50	53.4	107	73-125	
Dichlorodifluoromethane	ug/L	50	42.1	84	36-150	
Dichlorofluoromethane	ug/L	50	50.9	102	75-125	
Diethyl ether (Ethyl ether)	ug/L	50	49.6	99	62-136	
Ethylbenzene	ug/L	50	47.8	96	73-125	
Hexachloro-1,3-butadiene	ug/L	50	49.3	99	69-141	
Isopropylbenzene (Cumene)	ug/L	50	50.9	102	75-126	
Methyl-tert-butyl ether	ug/L	50	51.3	103	70-130	
Methylene Chloride	ug/L	50	48.5	97	74-125	
n-Butylbenzene	ug/L	50	48.6	97	69-133	
n-Propylbenzene	ug/L	50	50.9	102	75-125	
Naphthalene	ug/L	50	50.2	100	66-129	
p-Isopropyltoluene	ug/L	50	51.7	103	73-127	
sec-Butylbenzene	ug/L	50	51.0	102	75-131	
Styrene	ug/L	50	51.9	104	75-128	
tert-Butylbenzene	ug/L	50	51.2	102	75-127	

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

LABORATORY CONTROL SAMPLE: 2735106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethane	ug/L	50	51.6	103	71-127	
Tetrahydrofuran	ug/L	500	987	197	75-132	CH,L3
Toluene	ug/L	50	51.1	102	75-125	
trans-1,2-Dichloroethene	ug/L	50	49.7	99	69-127	
trans-1,3-Dichloropropene	ug/L	50	51.9	104	70-128	
Trichloroethene	ug/L	50	52.7	105	70-125	
Trichlorofluoromethane	ug/L	50	42.6	85	71-125	
Vinyl chloride	ug/L	50	48.1	96	69-133	
Xylene (Total)	ug/L	150	152	102	75-125	
1,2-Dichloroethane-d4 (S)	%			93	75-137	
4-Bromofluorobenzene (S)	%			100	75-125	
Toluene-d8 (S)	%			104	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2736800 2736801

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		10407062005 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1,2-Tetrachloroethane	ug/L	ND	1000	1000	1000	970	100	97	75-138	3	30
1,1,1-Trichloroethane	ug/L	ND	1000	1000	964	946	96	95	75-145	2	30
1,1,2,2-Tetrachloroethane	ug/L	ND	1000	1000	1060	1070	106	107	73-150	0	30
1,1,2-Trichloroethane	ug/L	ND	1000	1000	1070	1050	107	105	75-140	1	30
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1000	1000	1010	946	101	95	74-150	7	30
1,1-Dichloroethane	ug/L	ND	1000	1000	968	964	97	96	75-140	0	30
1,1-Dichloroethene	ug/L	ND	1000	1000	999	950	100	95	73-150	5	30
1,1-Dichloropropene	ug/L	ND	1000	1000	975	977	98	98	75-150	0	30
1,2,3-Trichlorobenzene	ug/L	ND	1000	1000	1020	1030	102	103	57-147	1	30
1,2,3-Trichloropropane	ug/L	ND	1000	1000	1010	1000	101	100	75-147	1	30
1,2,4-Trichlorobenzene	ug/L	ND	1000	1000	1010	1020	101	102	59-142	1	30
1,2,4-Trimethylbenzene	ug/L	2210	1000	1000	3930	3890	172	167	73-141	1	30 M1
1,2-Dibromo-3-chloropropane	ug/L	ND	2500	2500	2560	2570	102	103	65-136	1	30
1,2-Dibromoethane (EDB)	ug/L	ND	1000	1000	1070	1050	107	105	75-131	2	30
1,2-Dichlorobenzene	ug/L	ND	1000	1000	1070	1080	107	108	75-141	1	30
1,2-Dichloroethane	ug/L	ND	1000	1000	862	848	86	85	75-125	2	30
1,2-Dichloropropane	ug/L	ND	1000	1000	949	925	95	92	71-147	3	30
1,3,5-Trimethylbenzene	ug/L	614	1000	1000	1870	1850	126	124	75-139	1	30
1,3-Dichlorobenzene	ug/L	ND	1000	1000	1080	1030	108	103	75-142	4	30
1,3-Dichloropropane	ug/L	ND	1000	1000	1100	1060	110	106	75-141	4	30
1,4-Dichlorobenzene	ug/L	ND	1000	1000	1080	1050	108	105	75-139	3	30
2,2-Dichloropropane	ug/L	ND	1000	1000	941	880	94	88	60-150	7	30
2-Butanone (MEK)	ug/L	ND	5000	5000	4790	4920	96	98	68-133	3	30
2-Chlorotoluene	ug/L	ND	1000	1000	1190	1130	119	113	75-146	6	30
4-Chlorotoluene	ug/L	ND	1000	1000	1080	1060	108	106	75-149	1	30
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5000	5000	5310	5280	106	106	67-150	1	30
Acetone	ug/L	ND	5000	5000	7720	7920	142	146	56-150	3	30 CH

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Parameter	Units	10407062005		2736800		2736801		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
Allyl chloride	ug/L	ND	1000	1000	829	761	83	76	66-134	9	30		
Benzene	ug/L	389	1000	1000	1380	1350	99	96	74-134	2	30		
Bromobenzene	ug/L	ND	1000	1000	1030	1020	103	102	75-138	1	30		
Bromochloromethane	ug/L	ND	1000	1000	1060	1020	106	102	75-145	4	30		
Bromodichloromethane	ug/L	ND	1000	1000	975	983	97	98	75-143	1	30		
Bromoform	ug/L	ND	1000	1000	906	868	91	87	67-125	4	30		
Bromomethane	ug/L	ND	1000	1000	999	1080	100	108	30-150	8	30		
Carbon tetrachloride	ug/L	ND	1000	1000	892	922	89	92	75-150	3	30		
Chlorobenzene	ug/L	ND	1000	1000	1070	1050	107	105	75-133	2	30		
Chloroethane	ug/L	ND	1000	1000	1120	1040	112	104	53-150	7	30		
Chloroform	ug/L	ND	1000	1000	979	910	98	91	75-134	7	30		
Chloromethane	ug/L	ND	1000	1000	1170	950	106	85	41-150	21	30		
cis-1,2-Dichloroethene	ug/L	ND	1000	1000	991	981	99	98	73-140	1	30		
cis-1,3-Dichloropropene	ug/L	ND	1000	1000	1050	1040	105	104	72-140	1	30		
Dibromochloromethane	ug/L	ND	1000	1000	1010	974	101	97	74-130	4	30		
Dibromomethane	ug/L	ND	1000	1000	1030	1050	103	105	70-141	2	30		
Dichlorodifluoromethane	ug/L	ND	1000	1000	986	909	99	91	50-150	8	30		
Dichlorofluoromethane	ug/L	ND	1000	1000	1040	983	104	98	62-150	6	30		
Diethyl ether (Ethyl ether)	ug/L	ND	1000	1000	1030	983	100	95	71-141	5	30		
Ethylbenzene	ug/L	1270	1000	1000	2430	2390	116	112	75-136	2	30		
Hexachloro-1,3-butadiene	ug/L	ND	1000	1000	968	969	97	97	47-150	0	30		
Isopropylbenzene (Cumene)	ug/L	82.1	1000	1000	1150	1100	107	102	75-138	4	30		
Methyl-tert-butyl ether	ug/L	ND	1000	1000	1020	1030	102	103	75-128	0	30		
Methylene Chloride	ug/L	ND	1000	1000	1010	986	94	92	69-150	2	30		
n-Butylbenzene	ug/L	ND	1000	1000	1200	1150	115	111	68-150	4	30		
n-Propylbenzene	ug/L	301	1000	1000	1470	1430	117	112	74-150	3	30		
Naphthalene	ug/L	435	1000	1000	1470	1470	103	103	61-138	0	30		
p-Isopropyltoluene	ug/L	ND	1000	1000	1170	1140	115	112	70-142	2	30		
sec-Butylbenzene	ug/L	ND	1000	1000	1090	1060	107	104	74-150	3	30		
Styrene	ug/L	ND	1000	1000	1070	1040	107	104	70-140	3	30		
tert-Butylbenzene	ug/L	ND	1000	1000	1050	1020	105	102	73-140	3	30		
Tetrachloroethene	ug/L	ND	1000	1000	1040	983	104	98	72-141	6	30		
Tetrahydrofuran	ug/L	ND	10000	10000	16200	17800	162	178	53-150	9	30	CH,M0	
Toluene	ug/L	149	1000	1000	1170	1090	102	95	71-138	7	30		
trans-1,2-Dichloroethene	ug/L	ND	1000	1000	987	955	99	96	74-149	3	30		
trans-1,3-Dichloropropene	ug/L	ND	1000	1000	1020	998	102	100	74-138	2	30		
Trichloroethene	ug/L	ND	1000	1000	1030	1020	103	102	70-150	1	30		
Trichlorofluoromethane	ug/L	ND	1000	1000	949	879	95	88	57-150	8	30		
Vinyl chloride	ug/L	ND	1000	1000	1020	987	102	99	59-150	3	30		
Xylene (Total)	ug/L	6950	3000	3000	11100	10700	138	125	75-131	3	30	MS	
1,2-Dichloroethane-d4 (S)	%						97	95	75-137				
4-Bromofluorobenzene (S)	%						101	100	75-125				
Toluene-d8 (S)	%						104	102	75-125				

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

QC Batch: 503803 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV 465 W
Associated Lab Samples: 10406679027, 10406679028, 10406679029, 10406679030, 10406679032, 10406679033

METHOD BLANK: 2738885 Matrix: Water
Associated Lab Samples: 10406679027, 10406679028, 10406679029, 10406679030, 10406679032, 10406679033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	1.0 U	1.0	10/20/17 17:05	
1,1,1-Trichloroethane	ug/L	1.0 U	1.0	10/20/17 17:05	
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0	10/20/17 17:05	
1,1,2-Trichloroethane	ug/L	1.0 U	1.0	10/20/17 17:05	
1,1,2-Trichlorotrifluoroethane	ug/L	1.0 U	1.0	10/20/17 17:05	
1,1-Dichloroethane	ug/L	1.0 U	1.0	10/20/17 17:05	
1,1-Dichloroethene	ug/L	1.0 U	1.0	10/20/17 17:05	
1,1-Dichloropropene	ug/L	1.0 U	1.0	10/20/17 17:05	
1,2,3-Trichlorobenzene	ug/L	1.0 U	1.0	10/20/17 17:05	
1,2,3-Trichloropropane	ug/L	4.0 U	4.0	10/20/17 17:05	
1,2,4-Trichlorobenzene	ug/L	1.0 U	1.0	10/20/17 17:05	
1,2,4-Trimethylbenzene	ug/L	1.0 U	1.0	10/20/17 17:05	
1,2-Dibromo-3-chloropropane	ug/L	4.0 U	4.0	10/20/17 17:05	
1,2-Dibromoethane (EDB)	ug/L	1.0 U	1.0	10/20/17 17:05	
1,2-Dichlorobenzene	ug/L	1.0 U	1.0	10/20/17 17:05	
1,2-Dichloroethane	ug/L	1.0 U	1.0	10/20/17 17:05	
1,2-Dichloropropane	ug/L	4.0 U	4.0	10/20/17 17:05	
1,3,5-Trimethylbenzene	ug/L	1.0 U	1.0	10/20/17 17:05	
1,3-Dichlorobenzene	ug/L	1.0 U	1.0	10/20/17 17:05	
1,3-Dichloropropane	ug/L	1.0 U	1.0	10/20/17 17:05	
1,4-Dichlorobenzene	ug/L	1.0 U	1.0	10/20/17 17:05	
2,2-Dichloropropane	ug/L	4.0 U	4.0	10/20/17 17:05	
2-Butanone (MEK)	ug/L	5.0 U	5.0	10/20/17 17:05	
2-Chlorotoluene	ug/L	1.0 U	1.0	10/20/17 17:05	
4-Chlorotoluene	ug/L	1.0 U	1.0	10/20/17 17:05	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	5.0	10/20/17 17:05	
Acetone	ug/L	20.0 U	20.0	10/20/17 17:05	
Allyl chloride	ug/L	4.0 U	4.0	10/20/17 17:05	
Benzene	ug/L	1.0 U	1.0	10/20/17 17:05	
Bromobenzene	ug/L	1.0 U	1.0	10/20/17 17:05	
Bromochloromethane	ug/L	1.0 U	1.0	10/20/17 17:05	
Bromodichloromethane	ug/L	1.0 U	1.0	10/20/17 17:05	
Bromoform	ug/L	4.0 U	4.0	10/20/17 17:05	
Bromomethane	ug/L	4.0 U	4.0	10/20/17 17:05	
Carbon tetrachloride	ug/L	1.0 U	1.0	10/20/17 17:05	
Chlorobenzene	ug/L	1.0 U	1.0	10/20/17 17:05	
Chloroethane	ug/L	1.0 U	1.0	10/20/17 17:05	
Chloroform	ug/L	1.0 U	1.0	10/20/17 17:05	
Chloromethane	ug/L	10.0 U	10.0	10/20/17 17:05	MN
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0	10/20/17 17:05	
cis-1,3-Dichloropropene	ug/L	4.0 U	4.0	10/20/17 17:05	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

METHOD BLANK: 2738885

Matrix: Water

Associated Lab Samples: 10406679027, 10406679028, 10406679029, 10406679030, 10406679032, 10406679033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	1.0 U	1.0	10/20/17 17:05	
Dibromomethane	ug/L	4.0 U	4.0	10/20/17 17:05	
Dichlorodifluoromethane	ug/L	4.0 U	4.0	10/20/17 17:05	MN
Dichlorofluoromethane	ug/L	1.0 U	1.0	10/20/17 17:05	
Diethyl ether (Ethyl ether)	ug/L	4.0 U	4.0	10/20/17 17:05	
Ethylbenzene	ug/L	1.0 U	1.0	10/20/17 17:05	
Hexachloro-1,3-butadiene	ug/L	1.0 U	1.0	10/20/17 17:05	
Isopropylbenzene (Cumene)	ug/L	1.0 U	1.0	10/20/17 17:05	
Methyl-tert-butyl ether	ug/L	1.0 U	1.0	10/20/17 17:05	
Methylene Chloride	ug/L	4.0 U	4.0	10/20/17 17:05	
n-Butylbenzene	ug/L	1.0 U	1.0	10/20/17 17:05	
n-Propylbenzene	ug/L	1.0 U	1.0	10/20/17 17:05	
Naphthalene	ug/L	4.0 U	4.0	10/20/17 17:05	
p-Isopropyltoluene	ug/L	1.0 U	1.0	10/20/17 17:05	
sec-Butylbenzene	ug/L	1.0 U	1.0	10/20/17 17:05	
Styrene	ug/L	1.0 U	1.0	10/20/17 17:05	
tert-Butylbenzene	ug/L	1.0 U	1.0	10/20/17 17:05	
Tetrachloroethene	ug/L	1.0 U	1.0	10/20/17 17:05	
Tetrahydrofuran	ug/L	10.0 U	10.0	10/20/17 17:05	
Toluene	ug/L	1.0 U	1.0	10/20/17 17:05	
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0	10/20/17 17:05	
trans-1,3-Dichloropropene	ug/L	4.0 U	4.0	10/20/17 17:05	
Trichloroethene	ug/L	0.40 U	0.40	10/20/17 17:05	
Trichlorofluoromethane	ug/L	1.0 U	1.0	10/20/17 17:05	
Vinyl chloride	ug/L	0.20 U	0.20	10/20/17 17:05	
Xylene (Total)	ug/L	3.0 U	3.0	10/20/17 17:05	
1,2-Dichloroethane-d4 (S)	%	100	75-137	10/20/17 17:05	
4-Bromofluorobenzene (S)	%	103	75-125	10/20/17 17:05	
Toluene-d8 (S)	%	99	75-125	10/20/17 17:05	

LABORATORY CONTROL SAMPLE: 2738886

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.8	100	75-125	
1,1,1-Trichloroethane	ug/L	50	52.1	104	69-125	
1,1,2,2-Tetrachloroethane	ug/L	50	53.8	108	70-125	
1,1,2-Trichloroethane	ug/L	50	50.5	101	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	50	53.8	108	70-133	
1,1-Dichloroethane	ug/L	50	51.9	104	62-130	
1,1-Dichloroethene	ug/L	50	53.5	107	64-134	
1,1-Dichloropropene	ug/L	50	51.2	102	65-129	
1,2,3-Trichlorobenzene	ug/L	50	51.9	104	75-125	
1,2,3-Trichloropropane	ug/L	50	51.3	103	70-125	
1,2,4-Trichlorobenzene	ug/L	50	51.5	103	75-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

LABORATORY CONTROL SAMPLE: 2738886

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	52.2	104	69-135	
1,2-Dibromo-3-chloropropane	ug/L	125	128	102	73-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.1	104	75-125	
1,2-Dichlorobenzene	ug/L	50	54.1	108	75-125	
1,2-Dichloroethane	ug/L	50	44.1	88	64-126	
1,2-Dichloropropane	ug/L	50	47.8	96	73-125	
1,3,5-Trimethylbenzene	ug/L	50	52.1	104	71-129	
1,3-Dichlorobenzene	ug/L	50	53.4	107	75-125	
1,3-Dichloropropane	ug/L	50	52.8	106	74-125	
1,4-Dichlorobenzene	ug/L	50	52.5	105	75-125	
2,2-Dichloropropane	ug/L	50	52.0	104	59-135	
2-Butanone (MEK)	ug/L	250	248	99	57-142	
2-Chlorotoluene	ug/L	50	53.4	107	73-125	
4-Chlorotoluene	ug/L	50	54.8	110	74-128	
4-Methyl-2-pentanone (MIBK)	ug/L	250	274	110	56-142	
Acetone	ug/L	250	379	152	75-133	CH,L1
Allyl chloride	ug/L	50	51.6	103	62-139	
Benzene	ug/L	50	50.5	101	74-125	
Bromobenzene	ug/L	50	52.1	104	75-125	
Bromochloromethane	ug/L	50	52.8	106	75-125	
Bromodichloromethane	ug/L	50	52.7	105	72-125	
Bromoform	ug/L	50	47.4	95	74-125	
Bromomethane	ug/L	50	54.3	109	30-150	
Carbon tetrachloride	ug/L	50	50.5	101	67-130	
Chlorobenzene	ug/L	50	53.8	108	75-125	
Chloroethane	ug/L	50	53.6	107	63-137	
Chloroform	ug/L	50	48.1	96	68-128	
Chloromethane	ug/L	50	48.9	98	46-145	
cis-1,2-Dichloroethene	ug/L	50	51.9	104	75-125	
cis-1,3-Dichloropropene	ug/L	50	55.2	110	73-125	
Dibromochloromethane	ug/L	50	50.6	101	75-125	
Dibromomethane	ug/L	50	53.1	106	73-125	
Dichlorodifluoromethane	ug/L	50	46.1	92	36-150	
Dichlorofluoromethane	ug/L	50	56.0	112	75-125	
Diethyl ether (Ethyl ether)	ug/L	50	54.4	109	62-136	
Ethylbenzene	ug/L	50	47.9	96	73-125	
Hexachloro-1,3-butadiene	ug/L	50	51.8	104	69-141	
Isopropylbenzene (Cumene)	ug/L	50	51.0	102	75-126	
Methyl-tert-butyl ether	ug/L	50	53.0	106	70-130	
Methylene Chloride	ug/L	50	53.3	107	74-125	
n-Butylbenzene	ug/L	50	51.9	104	69-133	
n-Propylbenzene	ug/L	50	52.3	105	75-125	
Naphthalene	ug/L	50	50.6	101	66-129	
p-Isopropyltoluene	ug/L	50	53.5	107	73-127	
sec-Butylbenzene	ug/L	50	53.0	106	75-131	
Styrene	ug/L	50	51.8	104	75-128	
tert-Butylbenzene	ug/L	50	53.5	107	75-127	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

LABORATORY CONTROL SAMPLE: 2738886

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethane	ug/L	50	50.4	101	71-127	
Tetrahydrofuran	ug/L	500	767	153	75-132	CH,L3
Toluene	ug/L	50	49.9	100	75-125	
trans-1,2-Dichloroethene	ug/L	50	51.8	104	69-127	
trans-1,3-Dichloropropene	ug/L	50	51.8	104	70-128	
Trichloroethene	ug/L	50	51.4	103	70-125	
Trichlorofluoromethane	ug/L	50	48.0	96	71-125	
Vinyl chloride	ug/L	50	53.2	106	69-133	
Xylene (Total)	ug/L	150	151	100	75-125	
1,2-Dichloroethane-d4 (S)	%			101	75-137	
4-Bromofluorobenzene (S)	%			103	75-125	
Toluene-d8 (S)	%			102	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2740128 2740129

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		10406941037 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.7	14.5	109	73	75-138	40	30	M1,R1
1,1,1-Trichloroethane	ug/L	ND	20	20	24.1	15.5	121	78	75-145	44	30	R1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	24.2	15.8	121	79	73-150	42	30	R1
1,1,2-Trichloroethane	ug/L	ND	20	20	23.1	15.1	115	76	75-140	42	30	R1
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	20	21.9	16.5	109	83	74-150	28	30	
1,1-Dichloroethane	ug/L	ND	20	20	23.5	15.2	118	76	75-140	43	30	R1
1,1-Dichloroethene	ug/L	ND	20	20	24.8	16.2	124	81	73-150	42	30	R1
1,1-Dichloropropene	ug/L	ND	20	20	23.5	15.8	117	79	75-150	39	30	R1
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.7	16.7	94	84	57-147	12	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.7	14.8	113	74	75-147	42	30	M1,R1
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.9	16.6	90	83	59-142	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.0	16.3	105	81	73-141	25	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	54.2	36.8	108	74	65-136	38	30	R1
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.7	14.6	114	73	75-131	44	30	M1,R1
1,2-Dichlorobenzene	ug/L	ND	20	20	21.7	17.0	108	85	75-141	24	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.1	12.9	101	65	75-125	44	30	M1,R1
1,2-Dichloropropane	ug/L	ND	20	20	21.1	13.9	106	70	71-147	41	30	M1,R1
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.4	16.4	107	82	75-139	26	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.3	16.5	106	83	75-142	25	30	
1,3-Dichloropropane	ug/L	ND	20	20	24.1	15.7	120	78	75-141	42	30	R1
1,4-Dichlorobenzene	ug/L	ND	20	20	21.4	16.7	107	84	75-139	24	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.4	15.6	122	78	60-150	44	30	R1
2-Butanone (MEK)	ug/L	ND	100	100	107	74.2	106	73	68-133	36	30	R1
2-Chlorotoluene	ug/L	ND	20	20	22.1	16.7	110	84	75-146	27	30	
4-Chlorotoluene	ug/L	ND	20	20	22.7	16.9	114	84	75-149	30	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	119	82.9	119	83	67-150	36	30	R1
Acetone	ug/L	ND	100	100	137	94.8	131	89	56-150	36	30	CH,R1

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Parameter	Units	10406941037		2740128		2740129		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
Allyl chloride	ug/L	ND	20	20	25.1	15.3	126	77	66-134	48	30	R1	
Benzene	ug/L	ND	20	20	23.4	14.4	117	72	74-134	47	30	M1,R1	
Bromobenzene	ug/L	ND	20	20	22.4	15.6	112	78	75-138	36	30	R1	
Bromochloromethane	ug/L	ND	20	20	23.9	15.1	120	76	75-145	45	30	R1	
Bromodichloromethane	ug/L	ND	20	20	23.3	14.2	117	71	75-143	49	30	M1,R1	
Bromoform	ug/L	ND	20	20	20.0	13.4	100	67	67-125	40	30	R1	
Bromomethane	ug/L	ND	20	20	27.0	21.1	135	105	30-150	25	30		
Carbon tetrachloride	ug/L	ND	20	20	22.7	15.2	114	76	75-150	40	30	R1	
Chlorobenzene	ug/L	ND	20	20	23.5	15.9	118	79	75-133	39	30	R1	
Chloroethane	ug/L	ND	20	20	22.1	19.2	111	96	53-150	14	30		
Chloroform	ug/L	ND	20	20	22.1	14.3	110	72	75-134	43	30	M1,R1	
Chloromethane	ug/L	ND	20	20	22.9	16.8	108	77	41-150	31	30	R1	
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.2	15.4	120	77	73-140	44	30	R1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.1	15.1	121	75	72-140	46	30	R1	
Dibromochloromethane	ug/L	ND	20	20	22.4	14.3	112	72	74-130	44	30	M1,R1	
Dibromomethane	ug/L	ND	20	20	24.1	14.5	120	73	70-141	49	30	R1	
Dichlorodifluoromethane	ug/L	ND	20	20	19.5	17.2	97	86	50-150	13	30		
Dichlorofluoromethane	ug/L	ND	20	20	21.8	18.3	109	91	62-150	18	30		
Diethyl ether (Ethyl ether)	ug/L	ND	20	20	24.6	15.0	123	75	71-141	48	30	R1	
Ethylbenzene	ug/L	ND	20	20	21.1	15.1	106	75	75-136	33	30	R1	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.2	15.8	96	79	47-150	19	30		
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.4	16.2	107	81	75-138	27	30		
Methyl-tert-butyl ether	ug/L	ND	20	20	23.9	14.6	119	73	75-128	48	30	M1,R1	
Methylene Chloride	ug/L	ND	20	20	22.6	14.3	113	72	69-150	45	30	R1	
n-Butylbenzene	ug/L	ND	20	20	18.0	17.0	90	85	68-150	5	30		
n-Propylbenzene	ug/L	ND	20	20	21.4	16.9	107	84	74-150	24	30		
Naphthalene	ug/L	ND	20	20	19.5	15.7	97	78	61-138	22	30		
p-Isopropyltoluene	ug/L	ND	20	20	20.3	17.7	101	88	70-142	14	30		
sec-Butylbenzene	ug/L	ND	20	20	20.6	17.7	103	89	74-150	15	30		
Styrene	ug/L	ND	20	20	22.5	15.2	113	76	70-140	39	30	R1	
tert-Butylbenzene	ug/L	ND	20	20	21.1	17.1	106	86	73-140	21	30		
Tetrachloroethene	ug/L	ND	20	20	21.8	16.2	109	81	72-141	30	30		
Tetrahydrofuran	ug/L	ND	200	200	287	194	144	97	53-150	39	30	CH,R1	
Toluene	ug/L	ND	20	20	22.3	15.1	110	75	71-138	38	30	R1	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.4	15.1	117	75	74-149	44	30	R1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.6	14.7	113	74	74-138	42	30	R1	
Trichloroethene	ug/L	7.3	20	20	31.5	23.4	121	81	70-150	29	30		
Trichlorofluoromethane	ug/L	ND	20	20	20.3	17.5	101	88	57-150	15	30		
Vinyl chloride	ug/L	ND	20	20	21.8	18.5	109	92	59-150	16	30		
Xylene (Total)	ug/L	ND	60	60	66.0	46.6	110	78	75-131	35	30	RS	
1,2-Dichloroethane-d4 (S)	%						99	100	75-137				
4-Bromofluorobenzene (S)	%						102	102	75-125				
Toluene-d8 (S)	%						103	104	75-125				

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

QC Batch: 504296

Analysis Method: EPA 8260B

QC Batch Method: EPA 8260B

Analysis Description: 8260B MSV 465 W

Associated Lab Samples: 10406679031

METHOD BLANK: 2741262

Matrix: Water

Associated Lab Samples: 10406679031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	1.0 U	1.0	10/24/17 12:17	
1,1,1-Trichloroethane	ug/L	1.0 U	1.0	10/24/17 12:17	
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0	10/24/17 12:17	
1,1,2-Trichloroethane	ug/L	1.0 U	1.0	10/24/17 12:17	
1,1,2-Trichlorotrifluoroethane	ug/L	1.0 U	1.0	10/24/17 12:17	
1,1-Dichloroethane	ug/L	1.0 U	1.0	10/24/17 12:17	
1,1-Dichloroethene	ug/L	1.0 U	1.0	10/24/17 12:17	
1,1-Dichloropropene	ug/L	1.0 U	1.0	10/24/17 12:17	
1,2,3-Trichlorobenzene	ug/L	1.0 U	1.0	10/24/17 12:17	
1,2,3-Trichloropropane	ug/L	4.0 U	4.0	10/24/17 12:17	
1,2,4-Trichlorobenzene	ug/L	1.0 U	1.0	10/24/17 12:17	
1,2,4-Trimethylbenzene	ug/L	1.0 U	1.0	10/24/17 12:17	
1,2-Dibromo-3-chloropropane	ug/L	4.0 U	4.0	10/24/17 12:17	
1,2-Dibromoethane (EDB)	ug/L	1.0 U	1.0	10/24/17 12:17	
1,2-Dichlorobenzene	ug/L	1.0 U	1.0	10/24/17 12:17	
1,2-Dichloroethane	ug/L	1.0 U	1.0	10/24/17 12:17	
1,2-Dichloropropane	ug/L	4.0 U	4.0	10/24/17 12:17	
1,3,5-Trimethylbenzene	ug/L	1.0 U	1.0	10/24/17 12:17	
1,3-Dichlorobenzene	ug/L	1.0 U	1.0	10/24/17 12:17	
1,3-Dichloropropane	ug/L	1.0 U	1.0	10/24/17 12:17	
1,4-Dichlorobenzene	ug/L	1.0 U	1.0	10/24/17 12:17	
2,2-Dichloropropane	ug/L	4.0 U	4.0	10/24/17 12:17	
2-Butanone (MEK)	ug/L	5.0 U	5.0	10/24/17 12:17	
2-Chlorotoluene	ug/L	1.0 U	1.0	10/24/17 12:17	
4-Chlorotoluene	ug/L	1.0 U	1.0	10/24/17 12:17	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0 U	5.0	10/24/17 12:17	
Acetone	ug/L	20.0 U	20.0	10/24/17 12:17	
Allyl chloride	ug/L	4.0 U	4.0	10/24/17 12:17	
Benzene	ug/L	1.0 U	1.0	10/24/17 12:17	
Bromobenzene	ug/L	1.0 U	1.0	10/24/17 12:17	
Bromochloromethane	ug/L	1.0 U	1.0	10/24/17 12:17	
Bromodichloromethane	ug/L	1.0 U	1.0	10/24/17 12:17	
Bromoform	ug/L	4.0 U	4.0	10/24/17 12:17	
Bromomethane	ug/L	4.0 U	4.0	10/24/17 12:17	
Carbon tetrachloride	ug/L	1.0 U	1.0	10/24/17 12:17	
Chlorobenzene	ug/L	1.0 U	1.0	10/24/17 12:17	
Chloroethane	ug/L	1.0 U	1.0	10/24/17 12:17	
Chloroform	ug/L	1.0 U	1.0	10/24/17 12:17	
Chloromethane	ug/L	10.0 U	10.0	10/24/17 12:17	MN
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0	10/24/17 12:17	
cis-1,3-Dichloropropene	ug/L	4.0 U	4.0	10/24/17 12:17	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

METHOD BLANK: 2741262

Matrix: Water

Associated Lab Samples: 10406679031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	1.0 U	1.0	10/24/17 12:17	
Dibromomethane	ug/L	4.0 U	4.0	10/24/17 12:17	
Dichlorodifluoromethane	ug/L	4.0 U	4.0	10/24/17 12:17	MN
Dichlorofluoromethane	ug/L	1.0 U	1.0	10/24/17 12:17	
Diethyl ether (Ethyl ether)	ug/L	4.0 U	4.0	10/24/17 12:17	
Ethylbenzene	ug/L	1.0 U	1.0	10/24/17 12:17	
Hexachloro-1,3-butadiene	ug/L	1.0 U	1.0	10/24/17 12:17	
Isopropylbenzene (Cumene)	ug/L	1.0 U	1.0	10/24/17 12:17	
Methyl-tert-butyl ether	ug/L	1.0 U	1.0	10/24/17 12:17	
Methylene Chloride	ug/L	4.0 U	4.0	10/24/17 12:17	
n-Butylbenzene	ug/L	1.0 U	1.0	10/24/17 12:17	
n-Propylbenzene	ug/L	1.0 U	1.0	10/24/17 12:17	
Naphthalene	ug/L	4.0 U	4.0	10/24/17 12:17	
p-Isopropyltoluene	ug/L	1.0 U	1.0	10/24/17 12:17	
sec-Butylbenzene	ug/L	1.0 U	1.0	10/24/17 12:17	
Styrene	ug/L	1.0 U	1.0	10/24/17 12:17	
tert-Butylbenzene	ug/L	1.0 U	1.0	10/24/17 12:17	
Tetrachloroethene	ug/L	1.0 U	1.0	10/24/17 12:17	
Tetrahydrofuran	ug/L	10.0 U	10.0	10/24/17 12:17	
Toluene	ug/L	1.0 U	1.0	10/24/17 12:17	
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0	10/24/17 12:17	
trans-1,3-Dichloropropene	ug/L	4.0 U	4.0	10/24/17 12:17	
Trichloroethene	ug/L	0.40 U	0.40	10/24/17 12:17	
Trichlorofluoromethane	ug/L	1.0 U	1.0	10/24/17 12:17	
Vinyl chloride	ug/L	0.20 U	0.20	10/24/17 12:17	
Xylene (Total)	ug/L	3.0 U	3.0	10/24/17 12:17	
1,2-Dichloroethane-d4 (S)	%	99	75-137	10/24/17 12:17	
4-Bromofluorobenzene (S)	%	103	75-125	10/24/17 12:17	
Toluene-d8 (S)	%	100	75-125	10/24/17 12:17	

LABORATORY CONTROL SAMPLE: 2741263

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.4	97	75-125	
1,1,1-Trichloroethane	ug/L	50	49.2	98	69-125	
1,1,2,2-Tetrachloroethane	ug/L	50	57.4	115	70-125	
1,1,2-Trichloroethane	ug/L	50	52.4	105	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	50	52.1	104	70-133	
1,1-Dichloroethane	ug/L	50	54.2	108	62-130	
1,1-Dichloroethene	ug/L	50	52.0	104	64-134	
1,1-Dichloropropene	ug/L	50	51.4	103	65-129	
1,2,3-Trichlorobenzene	ug/L	50	50.3	101	75-125	
1,2,3-Trichloropropane	ug/L	50	50.8	102	70-125	
1,2,4-Trichlorobenzene	ug/L	50	49.6	99	75-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

LABORATORY CONTROL SAMPLE: 2741263

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	50.0	100	69-135	
1,2-Dibromo-3-chloropropane	ug/L	125	130	104	73-130	
1,2-Dibromoethane (EDB)	ug/L	50	54.6	109	75-125	
1,2-Dichlorobenzene	ug/L	50	52.5	105	75-125	
1,2-Dichloroethane	ug/L	50	45.7	91	64-126	
1,2-Dichloropropane	ug/L	50	50.7	101	73-125	
1,3,5-Trimethylbenzene	ug/L	50	48.4	97	71-129	
1,3-Dichlorobenzene	ug/L	50	51.6	103	75-125	
1,3-Dichloropropane	ug/L	50	56.0	112	74-125	
1,4-Dichlorobenzene	ug/L	50	50.8	102	75-125	
2,2-Dichloropropane	ug/L	50	51.4	103	59-135	
2-Butanone (MEK)	ug/L	250	286	114	57-142	
2-Chlorotoluene	ug/L	50	49.8	100	73-125	
4-Chlorotoluene	ug/L	50	52.8	106	74-128	
4-Methyl-2-pentanone (MIBK)	ug/L	250	292	117	56-142	
Acetone	ug/L	250	281	112	75-133	
Allyl chloride	ug/L	50	54.0	108	62-139	
Benzene	ug/L	50	52.9	106	74-125	
Bromobenzene	ug/L	50	50.0	100	75-125	
Bromochloromethane	ug/L	50	53.1	106	75-125	
Bromodichloromethane	ug/L	50	51.3	103	72-125	
Bromoform	ug/L	50	48.0	96	74-125	
Bromomethane	ug/L	50	36.2	72	30-150	
Carbon tetrachloride	ug/L	50	46.9	94	67-130	
Chlorobenzene	ug/L	50	52.0	104	75-125	
Chloroethane	ug/L	50	55.1	110	63-137	
Chloroform	ug/L	50	49.7	99	68-128	
Chloromethane	ug/L	50	56.6	113	46-145	
cis-1,2-Dichloroethene	ug/L	50	53.1	106	75-125	
cis-1,3-Dichloropropene	ug/L	50	55.9	112	73-125	
Dibromochloromethane	ug/L	50	49.9	100	75-125	
Dibromomethane	ug/L	50	50.4	101	73-125	
Dichlorodifluoromethane	ug/L	50	48.1	96	36-150	
Dichlorofluoromethane	ug/L	50	57.8	116	75-125	
Diethyl ether (Ethyl ether)	ug/L	50	57.0	114	62-136	
Ethylbenzene	ug/L	50	46.9	94	73-125	
Hexachloro-1,3-butadiene	ug/L	50	48.2	96	69-141	
Isopropylbenzene (Cumene)	ug/L	50	49.4	99	75-126	
Methyl-tert-butyl ether	ug/L	50	55.6	111	70-130	
Methylene Chloride	ug/L	50	51.8	104	74-125	
n-Butylbenzene	ug/L	50	50.0	100	69-133	
n-Propylbenzene	ug/L	50	50.0	100	75-125	
Naphthalene	ug/L	50	49.9	100	66-129	
p-Isopropyltoluene	ug/L	50	50.7	101	73-127	
sec-Butylbenzene	ug/L	50	50.7	101	75-131	
Styrene	ug/L	50	52.0	104	75-128	
tert-Butylbenzene	ug/L	50	49.4	99	75-127	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

LABORATORY CONTROL SAMPLE: 2741263

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethane	ug/L	50	47.8	96	71-127	
Tetrahydrofuran	ug/L	500	616	123	75-132	
Toluene	ug/L	50	48.4	97	75-125	
trans-1,2-Dichloroethene	ug/L	50	54.5	109	69-127	
trans-1,3-Dichloropropene	ug/L	50	50.9	102	70-128	
Trichloroethene	ug/L	50	49.0	98	70-125	
Trichlorofluoromethane	ug/L	50	49.7	99	71-125	
Vinyl chloride	ug/L	50	59.4	119	69-133	
Xylene (Total)	ug/L	150	150	100	75-125	
1,2-Dichloroethane-d4 (S)	%			102	75-137	
4-Bromofluorobenzene (S)	%			102	75-125	
Toluene-d8 (S)	%			102	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2741303 2741304

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		10407496023 Result	Spike Conc.	Spike Conc.	MS Result						
1,1,1,2-Tetrachloroethane	ug/L	ND	400	400	384	399	96	100	75-138	4	30
1,1,1-Trichloroethane	ug/L	ND	400	400	405	402	101	101	75-145	1	30
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	453	476	113	119	73-150	5	30
1,1,2-Trichloroethane	ug/L	ND	400	400	424	426	106	107	75-140	1	30
1,1,2-Trichlorotrifluoroethane	ug/L	ND	400	400	434	428	108	107	74-150	1	30
1,1-Dichloroethane	ug/L	ND	400	400	456	468	111	114	75-140	3	30
1,1-Dichloroethene	ug/L	ND	400	400	431	444	104	108	73-150	3	30
1,1-Dichloropropene	ug/L	ND	400	400	406	430	101	107	75-150	6	30
1,2,3-Trichlorobenzene	ug/L	ND	400	400	379	394	95	99	57-147	4	30
1,2,3-Trichloropropane	ug/L	ND	400	400	399	402	100	101	75-147	1	30
1,2,4-Trichlorobenzene	ug/L	ND	400	400	371	392	93	98	59-142	6	30
1,2,4-Trimethylbenzene	ug/L	78.1	400	400	501	499	106	105	73-141	0	30
1,2-Dibromo-3-chloropropane	ug/L	ND	1000	1000	947	1020	95	102	65-136	7	30
1,2-Dibromoethane (EDB)	ug/L	ND	400	400	423	426	106	106	75-131	1	30
1,2-Dichlorobenzene	ug/L	ND	400	400	422	441	105	110	75-141	4	30
1,2-Dichloroethane	ug/L	ND	400	400	380	376	95	94	75-125	1	30
1,2-Dichloropropane	ug/L	ND	400	400	420	435	105	109	71-147	4	30
1,3,5-Trimethylbenzene	ug/L	ND	400	400	418	426	100	102	75-139	2	30
1,3-Dichlorobenzene	ug/L	ND	400	400	422	424	106	106	75-142	0	30
1,3-Dichloropropane	ug/L	ND	400	400	443	452	111	113	75-141	2	30
1,4-Dichlorobenzene	ug/L	ND	400	400	416	425	104	106	75-139	2	30
2,2-Dichloropropane	ug/L	ND	400	400	409	407	102	102	60-150	1	30
2-Butanone (MEK)	ug/L	ND	2000	2000	2260	2350	113	117	68-133	4	30
2-Chlorotoluene	ug/L	ND	400	400	420	421	105	105	75-146	0	30
4-Chlorotoluene	ug/L	ND	400	400	426	445	107	111	75-149	4	30
4-Methyl-2-pentanone (MIBK)	ug/L	ND	2000	2000	2360	2360	118	118	67-150	0	30
Acetone	ug/L	ND	2000	2000	2520	2540	126	127	56-150	1	30

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Parameter	Units	10407496023		2741303		2741304		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
Allyl chloride	ug/L	ND	400	400	527	462	132	115	66-134	13	30		
Benzene	ug/L	143	400	400	570	581	107	110	74-134	2	30		
Bromobenzene	ug/L	ND	400	400	401	413	100	103	75-138	3	30		
Bromochloromethane	ug/L	ND	400	400	438	432	110	108	75-145	1	30		
Bromodichloromethane	ug/L	ND	400	400	411	430	103	108	75-143	5	30		
Bromoform	ug/L	ND	400	400	360	363	90	91	67-125	1	30		
Bromomethane	ug/L	ND	400	400	362	394	90	99	30-150	9	30		
Carbon tetrachloride	ug/L	ND	400	400	373	369	93	92	75-150	1	30		
Chlorobenzene	ug/L	ND	400	400	436	437	109	109	75-133	0	30		
Chloroethane	ug/L	22.1	400	400	499	448	119	106	53-150	11	30		
Chloroform	ug/L	ND	400	400	413	405	102	100	75-134	2	30		
Chloromethane	ug/L	ND	400	400	490	470	117	112	41-150	4	30		
cis-1,2-Dichloroethene	ug/L	2260	400	400	2660	2730	98	117	73-140	3	30		
cis-1,3-Dichloropropene	ug/L	ND	400	400	440	456	110	114	72-140	4	30		
Dibromochloromethane	ug/L	ND	400	400	393	391	98	98	74-130	1	30		
Dibromomethane	ug/L	ND	400	400	413	431	103	108	70-141	4	30		
Dichlorodifluoromethane	ug/L	ND	400	400	392	390	98	97	50-150	1	30		
Dichlorofluoromethane	ug/L	ND	400	400	478	484	119	121	62-150	1	30		
Diethyl ether (Ethyl ether)	ug/L	ND	400	400	471	467	118	117	71-141	1	30		
Ethylbenzene	ug/L	215	400	400	605	622	97	102	75-136	3	30		
Hexachloro-1,3-butadiene	ug/L	ND	400	400	369	362	92	90	47-150	2	30		
Isopropylbenzene (Cumene)	ug/L	ND	400	400	412	414	102	102	75-138	0	30		
Methyl-tert-butyl ether	ug/L	ND	400	400	449	455	112	114	75-128	1	30		
Methylene Chloride	ug/L	ND	400	400	427	440	106	109	69-150	3	30		
n-Butylbenzene	ug/L	ND	400	400	386	399	96	100	68-150	3	30		
n-Propylbenzene	ug/L	ND	400	400	413	422	102	104	74-150	2	30		
Naphthalene	ug/L	ND	400	400	388	407	95	99	61-138	5	30		
p-Isopropyltoluene	ug/L	ND	400	400	418	423	103	104	70-142	1	30		
sec-Butylbenzene	ug/L	ND	400	400	419	423	105	106	74-150	1	30		
Styrene	ug/L	ND	400	400	424	418	106	104	70-140	2	30		
tert-Butylbenzene	ug/L	ND	400	400	407	416	102	104	73-140	2	30		
Tetrachloroethene	ug/L	1130	400	400	1610	1620	121	123	72-141	0	30		
Tetrahydrofuran	ug/L	ND	4000	4000	5380	5550	135	139	53-150	3	30		
Toluene	ug/L	67.5	400	400	465	460	99	98	71-138	1	30		
trans-1,2-Dichloroethene	ug/L	ND	400	400	431	440	107	109	74-149	2	30		
trans-1,3-Dichloropropene	ug/L	ND	400	400	410	401	103	100	74-138	2	30		
Trichloroethene	ug/L	987	400	400	1460	1480	117	123	70-150	2	30		
Trichlorofluoromethane	ug/L	ND	400	400	403	390	101	98	57-150	3	30		
Vinyl chloride	ug/L	439	400	400	927	952	122	128	59-150	3	30		
Xylene (Total)	ug/L	472	1200	1200	1750	1760	107	107	75-131	0	30		
1,2-Dichloroethane-d4 (S)	%						100	98	75-137			HS	
4-Bromofluorobenzene (S)	%						102	104	75-125				
Toluene-d8 (S)	%						103	100	75-125				

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 11139422 FORMER KABEL AUTO

Peace Project No.: 10406679

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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

PASI-M Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: 271131

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 271328

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

CH The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

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

MN The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

ANALYTE QUALIFIERS

- MS Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
- R1 RPD value was outside control limits.
- RS The RPD value in one of the constituent analytes was outside the control limits.
- S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10406679001	S-171009-RF-01	ASTM D2974	501975		
10406679002	S-171009-RF-02	ASTM D2974	501975		
10406679003	S-171009-RF-03	ASTM D2974	501975		
10406679004	S-171009-RF-04	ASTM D2974	501975		
10406679005	S-171009-RF-05	ASTM D2974	501975		
10406679006	S-171009-RF-06	ASTM D2974	501975		
10406679007	S-171009-RF-07	ASTM D2974	501975		
10406679008	S-171009-RF-08	ASTM D2974	501975		
10406679009	S-171009-RF-09	ASTM D2974	501975		
10406679010	S-171010-RF-10	ASTM D2974	501975		
10406679011	S-171010-RF-11	ASTM D2974	501975		
10406679012	S-171010-RF-12	ASTM D2974	501975		
10406679013	S-171010-RF-13	ASTM D2974	501975		
10406679014	S-171010-RF-14	ASTM D2974	501975		
10406679015	S-171010-RF-15	ASTM D2974	501975		
10406679016	S-171010-RF-16	ASTM D2974	501975		
10406679017	S-171010-RF-17	ASTM D2974	501975		
10406679018	S-171010-RF-18	ASTM D2974	501975		
10406679019	S-171010-RF-19	ASTM D2974	501975		
10406679020	S-171010-RF-20	ASTM D2974	502064		
10406679021	S-171010-RF-21	ASTM D2974	502064		
10406679022	S-171010-RF-22	ASTM D2974	502064		
10406679001	S-171009-RF-01	EPA 8260	271130	EPA 8260	271131
10406679002	S-171009-RF-02	EPA 8260	271130	EPA 8260	271131
10406679003	S-171009-RF-03	EPA 8260	271130	EPA 8260	271131
10406679004	S-171009-RF-04	EPA 8260	271130	EPA 8260	271131
10406679005	S-171009-RF-05	EPA 8260	271130	EPA 8260	271131
10406679006	S-171009-RF-06	EPA 8260	271130	EPA 8260	271131
10406679007	S-171009-RF-07	EPA 8260	271130	EPA 8260	271131
10406679008	S-171009-RF-08	EPA 8260	271130	EPA 8260	271131
10406679009	S-171009-RF-09	EPA 8260	271130	EPA 8260	271131
10406679010	S-171010-RF-10	EPA 8260	271130	EPA 8260	271131
10406679011	S-171010-RF-11	EPA 8260	271130	EPA 8260	271131
10406679012	S-171010-RF-12	EPA 8260	271130	EPA 8260	271131
10406679013	S-171010-RF-13	EPA 8260	271130	EPA 8260	271131
10406679014	S-171010-RF-14	EPA 8260	271130	EPA 8260	271131
10406679015	S-171010-RF-15	EPA 8260	271130	EPA 8260	271131
10406679016	S-171010-RF-16	EPA 8260	271130	EPA 8260	271131
10406679017	S-171010-RF-17	EPA 8260	271321	EPA 8260	271328
10406679018	S-171010-RF-18	EPA 8260	271321	EPA 8260	271328
10406679019	S-171010-RF-19	EPA 8260	271321	EPA 8260	271328
10406679020	S-171010-RF-20	EPA 8260	271321	EPA 8260	271328
10406679021	S-171010-RF-21	EPA 8260	271321	EPA 8260	271328
10406679022	S-171010-RF-22	EPA 5035/5030B	271522	EPA 8260	271524
10406679034	Trip Blank	EPA 5035/5030B	271343	EPA 8260	271351
10406679023	W-171009-RF-01	EPA 8260B	503189		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10406679024	W-171009-RF-02	EPA 8260B	503189		
10406679025	W-171009-RF-03	EPA 8260B	503189		
10406679026	W-171009-RF-04	EPA 8260B	503189		
10406679027	W-171010-RF-06	EPA 8260B	503803		
10406679028	W-171010-RF-07	EPA 8260B	503803		
10406679029	W-171010-RF-08	EPA 8260B	503803		
10406679030	W-171010-RF-09	EPA 8260B	503803		
10406679031	W-171010-RF-10	EPA 8260B	504296		
10406679032	W-171010-RF-11	EPA 8260B	503803		
10406679033	W-171010-RF-12	EPA 8260B	503803		

REPORT OF LABORATORY ANALYSIS

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CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

1801 Old Highway 8 Northwest, Suite 114
St. Paul, Minnesota 55112 United States
Phone: (651) 639-0913 Fax: (651) 639-0923

COC NO. **SP-01569**
10406679 PAGE **1** OF **3**
(See Reverse Side for Instructions)

Project No/Phase/Task Code: 111394ZZ		Laboratory Name: PACE		Lab Location: MINNEAPOLIS, MN		SOW ID:							
Project Name: Former LADEB AUTO		Lab Contact:		Lab Quote No:		Carrier: PACE							
Project Location: RHINELANDER, WI		Chemistry Contact: GRANT ANDERSON		MS/MSD Request:		Airbill No:							
Sampler(s): R. Field, R. Annot		Matrix Code		Container Quantity & Preservation		Date Shipped: 10/11/17							
SAMPLE IDENTIFICATION (Containers for each sample entry to be combined on one line)		SAMPLE TYPE		PRESERVATION		COMMENTS/SPECIAL INSTRUCTIONS:							
Item	DATE (mm/dd/yyyy)	TIME (hh:mm)	Grab (g) or Comp (c)	Unpreserved (MAINTAIN CONTAINERS)	Hydrochloric Acid (HCl)	Nitric Acid (HNO ₃)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	
1	10/11/17	14:30	G	1								3	
2		14:35		1								3	
3		15:00		1								3	
4		15:05		1								3	
5		15:25		1								3	
6		15:45		1								3	
7		16:15		1								3	
8		16:20		1								3	
9		16:50		1								3	
10	10/10/17	50	BASC	1								3	
11		8:35		1								3	
12		9:00		1								3	
13		9:45		1								3	
14		9:25		1								3	
15		9:35		1								3	
Total Number of Containers: 45													
Notes/Special Requirements: Temp 02°													
All Samples in Cooler must be on COC													
TAT Required in business days (use separate COCs for different TATs):		DATE		TIME		COMPANY		RECEIVED BY		DATE		TIME	
<input type="checkbox"/> 1 Day	<input type="checkbox"/> 2 Days	<input type="checkbox"/> 3 Days	<input type="checkbox"/> 1 Week	<input checked="" type="checkbox"/> 2 Week	<input type="checkbox"/> Other:								
1.	Rumrider	5:40	10/11/17	10:00		PACE							10/11/17 10:00
2.	Grant Anderson	6:00	10/11/17	10:20		PACE							10/11/17 10:20
3.													



CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

1801 Old Highway 8 Northwest, Suite 114
St. Paul, Minnesota 55112 United States
Phone: (651) 639-0913 Fax: (651) 639-0923

COC NO. **SP-01571**
PAGE **2** OF **3**
(See Reverse Side for Instructions)

Project No/Phase/Task Code: 11139422		Laboratory Name: PACE		Lab Location: M1 NNEAPOLIS, MN		SSOW ID:														
Project Name: Former KABEL AUTO		Lab Contact:		Lab Quote No:		Cooler No:														
Project Location: RHINELANDEG, WI		Carrier: PACE		Carrier: PACE		Carrier: PACE														
Chemistry Contact: GRANT ANDERSON		Airbill No:		Airbill No:		Airbill No:														
Sampler(s): A. Field, R. Amot		Date Shipped: 10/11/17		Date Shipped: 10/11/17		Date Shipped: 10/11/17														
Matrix Code		Sulfuric Acid (H ₂ SO ₄)		Sulfuric Acid (H ₂ SO ₄)		Sulfuric Acid (H ₂ SO ₄)														
Grab (g) or Comp (c)		Nitric Acid (HNO ₃)		Nitric Acid (HNO ₃)		Nitric Acid (HNO ₃)														
Unpreserved		Hydrochloric Acid (HCl)		Hydrochloric Acid (HCl)		Hydrochloric Acid (HCl)														
Methanol/Water (Soil)		Sodium Hydroxide		Sodium Hydroxide		Sodium Hydroxide														
EnCores 3x5-g, 1x25-g		Methanol/Water (Soil)		Methanol/Water (Soil)		Methanol/Water (Soil)														
Other:		EnCores 3x5-g, 1x25-g		EnCores 3x5-g, 1x25-g		EnCores 3x5-g, 1x25-g														
Total Containers/Sample		Other:		Other:		Other:														
MS/MSD Request		MS/MSD Request		MS/MSD Request		MS/MSD Request														
ANALYSIS REQUESTED (See Back of COC for Definitions)		ANALYSIS REQUESTED (See Back of COC for Definitions)		ANALYSIS REQUESTED (See Back of COC for Definitions)		ANALYSIS REQUESTED (See Back of COC for Definitions)														
Carrier:		Carrier:		Carrier:		Carrier:														
Airbill No:		Airbill No:		Airbill No:		Airbill No:														
Date Shipped:		Date Shipped:		Date Shipped:		Date Shipped:														
SPECIAL INSTRUCTIONS:		SPECIAL INSTRUCTIONS:		SPECIAL INSTRUCTIONS:		SPECIAL INSTRUCTIONS:														
NOTE: 017		NOTE: 017		NOTE: 017		NOTE: 017														
SOIL - VOC-018		SOIL - VOC-018		SOIL - VOC-018		SOIL - VOC-018														
SAMPLE 019		SAMPLE 019		SAMPLE 019		SAMPLE 019														
TIMES 020		TIMES 020		TIMES 020		TIMES 020														
021		021		021		021														
022		022		022		022														
1	S-171010-RA-14	10/10/17	10:35	50	G	1	3	X	VOCs 8260	TO-15										
2	-17		10:40			1	3	X												
3	-18		11:15			1	2	X												
4	-19		11:10			1	2	X												
5	-20		11:40			1	2	X												
6	-21		12:10			1	2	X												
7	-22		12:05			1	2	X												
8																				
9	G-171010-RA-01	10/10/17	10:25	65																
10	-02		11:19																	
11	-03		12:05																	
12	-04		12:07																	
13	-05		12:09																	
14																				
15																				

TAT Required in business days (use separate COCs for different TATs):
 1 Day 2 Days 3 Days 1 Week 2 Week Other:

Total Number of Containers: **2**
All Samples in Cooler must be on COC

Notes/ Special Requirements:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
<i>[Signature]</i>	CRA	10/11/17	10:00	<i>[Signature]</i>	PACE	10/11/17	10:00
<i>[Signature]</i>	PACE	10/11/17	10:20	<i>[Signature]</i>	PACE	10/11/17	10:20

CHAIN OF CUSTODY RECORD

1801 Old Highway 8 Northwest, Suite 114
 St. Paul, Minnesota 55112 United States
 Phone: (651) 639-0913 Fax: (651) 639-0923



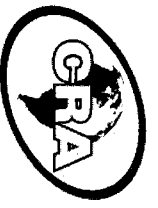
Project No/Phase/Task Code: **Kabel Auto**
 Project Name: **11139422**
 Project Location: **Riveland, WI**
 Chemistry Contact: **Grant Anderson**
 Sampler(s): **R. Field / R. Amot**

Lab Location: **Mpls**
 Lab Quote No:
 Laboratory Name: **Peace**
 Lab Contact: **Tina Soltani**

Project No/Phase/Task Code	Project Name	Project Location	Chemistry Contact	Sampler(s)	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)	DATE (mm/dd/yyyy)	TIME (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO ₃)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil)	VOC	EnCores 3x5-g, 1x2.5-g	Other:	Total Containers/Sample	MS/MSD Request	Cooler No:	SOW ID:	Caplet:	Airbill No:	Date Shipped:	COMMENTS/SPECIAL INSTRUCTIONS:	
																											CONTAINER QUANTITY & PRESERVATION
1					W-171009-RF-01	10/9/17					3									3						023	
2					↓						3									3						024	
3					↓						3									3						025	
4					↓						3									3						026	
5					W-171010-RF-06	10/11/17					3									3						027	
6					↓						3									3						028	
7					↓						3									3						029	
8					↓						3									3						030	
9					↓						3									3						031	
10					↓						3									3						032	
11					↓						3									3						033	
12					↓						3									3						034	
13					Trip Blank	10/16/17														1							

Total Number of Containers: **37**
 All Samples in Cooler must be on COC
 Notes/Special Requirements: **Temp = 0.2°C**

Relinquished By: **Grant Anderson** Date: **10/11/17** Time: **10:00**
 Relinquished By: **Peace** Date: **10/11/17** Time: **10:00**



CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

1801 Old Highway 8 Northwest, Suite 114
St. Paul, Minnesota 55112 United States
Phone: (651) 639-0913 Fax: (651) 639-0923

COC NO: **SP-025288**
PAGE **3** OF **3**

(See Reverse Side for Instructions)

SSOW ID: _____ Page _____

Cooler No: _____

Lab Location: **RRPIS**

Lab Contact: **Tina Seltani**

Project Name: **11294122**

Project Location: **Chandler WI**

Chemistry Contact: **Ernst Anderson**

Sampler(s): **R Field / R. Amout**

Carrier: **PACE**

ANALYSIS REQUESTED (See Back of COC for Definitions)

SAMPLE TYPE CONTAINER QUANTITY & PRESERVATION

Date Shipped: _____

COMMENTS/SPECIAL INSTRUCTIONS:

MS/MSD Request

Matrix Code (see back of COC)
Grab (G) or Comp (C)
Unpreserved
Hydrochloric Acid (HCl)
Nitric Acid (HNO₃)
Sulfuric Acid (H₂SO₄)
Sodium Hydroxide (NaOH)
Methanol/Water (Soil VOC)
EnCores 3x5-g, 1x25-g
Other:
Total Containers/Sample

SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)

DATE (mm/dd/yy) TIME (hh:mm)

Item	SAMPLE IDENTIFICATION	DATE	TIME	Matrix Code	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO ₃)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	MS/MSD Request	COMMENTS/SPECIAL INSTRUCTIONS:
1	W-171009-RF-01 GPP1	10/9/17	1330											3		
2			1415											3		
3			1500											3		
4			1600											3		
5	W-171010-RF-06 GPP7	10/11/17	815											2		
6			850											3		
7			900											3		
8			930											3		
9			1030											3		
10			1100											3		
11			1150											3		
12	TRIP BACK													1		
13														1		
14														1		
15														1		

TAT Required in business days (use separate COCs for different TATs):

1 Day 2 Days 3 Days 1 Week 2 Week Other:

RELINQUISHED BY

COMPANY

DATE

TIME

RECEIVED BY

COMPANY

DATE

TIME

Total Number of Containers: **37**
All Samples In Cooler must be on COC


Notes/Special Requirements:

1. *Ernst Anderson* CHD 10/11/17 10:00

2. _____

3. _____

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

Sample Condition Upon Receipt	Client Name: <u>former label Ato</u>	Project #:	WO# : 10406679  10406679
	Courier: <input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> Client <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Pace <input type="checkbox"/> Speedee <input type="checkbox"/> Other: _____ Tracking Number: _____		

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No Optional: Proj. Due Date: _____ Proj. Name: _____
 Packing Material: Bubble Wrap Bubble Bags None Other: _____ Temp Blank? Yes No
 Thermometer 151401163 Used: G87A9155100842 Type of Ice: Wet Blue None Samples on ice, cooling process has begun
 Cooler Temp Read (°C): 0.4 Cooler Temp Corrected (°C): 0.2 Biological Tissue Frozen? Yes No N/A
 Temp should be above freezing to 6°C Correction Factor: -0.2 Date and Initials of Person Examining Contents: DT 10/11/17
USDA Regulated Soil (N/A, water sample)
 Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? Yes No Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No
 If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

	COMMENTS:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered Volume Received for Dissolved Tests? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No -Includes Date/Time/ID/Analysis Matrix: <u>SL 1/2 WT</u>	12. <u>NO date, time, sample ID on all soil samples label was on bubble bag - no time on cap or label on all water vials</u>
All containers needing acid/base preservation have been checked? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH Positive for Res. Chlorine? Y N
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , 2pH, NaOH >9 Sulfide, NaOH >12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin. <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Sample #
Headspace in VOA Vials (>6mm)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed: _____ Lot # of added preservative: _____
Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Custody Seals Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Pace Trip Blank Lot # (if purchased): <u>09117-3</u>	

CLIENT NOTIFICATION/RESOLUTION Field Data Required? Yes No
 Person Contacted: Grant Anderson Date/Time: 10/11/17
 Comments/Resolution: Confirmed with client via phone that lab will prepare unpreserved vials for LL 8260 soil analysis; client is aware of qualifiers that will be added to report, and samples will be sent to GB for analysis. Client also noted that work ID should be 11139422.
 Project Manager Review: JmaSteari Date: 10/11/17

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

Chain of Custody

40158651



www.pacelabs.com

Workorder: 10406679 **Workorder Name:** 11139422 FORMER KABEL AUTO **Owner Received Date:** 10/11/2017 **Results Requested By:** 10/25/2017
Report To: Tina Soltani **Subcontract To:** Pace Analytical Green Bay
 Pace Analytical Minnesota 1241 Bellevue Street
 1700 Elm Street Suite 9
 Suite 200 Green Bay, WI 54302
 Minneapolis, MN 55414 Phone (920)469-2436
 Phone (612)607-6384

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers		8260 Low Level Soil	Comments
						MeOH	Unpreserved		
20	S-171010-RF-20	PS	10/10/2017 11:40	10406679020	Solid	2	2	X	LAB USE ONLY 2-40ml V 2-40ml V
21	S-171010-RF-21	PS	10/10/2017 12:10	10406679021	Solid	2	2	X	
22	S-171010-RF-22	PS	10/10/2017 12:05	10406679022	Solid	2	2	X	
23	Trip Blank	PS	10/9/2017 00:00	10406679034	Solid	1		X	1-40ml V
24									

1010611

Transfers **Released By** Tina Soltani **Date/Time** 10/12/17 1338 **Received By** [Signature] **Date/Time** 10/13/17 0900
Cooler Temperature on Receipt 3 °C **Custody Seal** Y or N **Received on Ice** Y or N **Samples Intact** Y or N

***In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document.
 This chain of custody is considered complete as is since this information is available in the owner laboratory.

Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302



Client Name: Pace Mn

Project #:

WO#: **40158651**

Courier: Fed Ex UPS Client Pace Other: Walter

Tracking #: 1519358-1



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-29 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature: Uncorr: 3 / Corr: 3 Biological Tissue is Frozen: yes no

Temp Blank Present: yes no

Person examining contents:

Date: 10/13/17

Initials: BD

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	4. <u>IRWO BA 10/13/17</u> <u>3/11 10/13/17</u>
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5. <u>001-009 10/11/17@1350 1245</u> <u>010-022 10/11/17@1350</u> Date/Time: <u>3/11 10/13/17</u>
- VOA Samples frozen upon receipt	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8. <u>no ms/msd volume BA 10/13/17</u>
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
-Pace IR Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>S</u>	
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Cice

Date: 10/13/17

October 26, 2017

Mr. Grant Anderson
GHD
1801 Old Highway 8 NW
Suite 114
St. Paul, MN 55112

RE: Project: 11139422 Former Kabel Auto
Pace Project No.: 10406861

Dear Mr. Anderson:

Enclosed are the analytical results for sample(s) received by the laboratory on October 11, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Tina Soltani
tina.soltani@pacelabs.com
(612)607-6384
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas Certification #: 88-0680

California Certification #: 2929

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: MN00064

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon NwTPH Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DW Certification #: 9952 C

West Virginia DEP Certification #: 382

Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10406861001	G-171010-RA-01	Air	10/10/17 10:25	10/11/17 18:55
10406861002	G-171010-RA-02	Air	10/10/17 11:19	10/11/17 18:55
10406861003	G-171010-RA-03	Air	10/10/17 12:05	10/11/17 18:55
10406861004	G-171010-RA-04	Air	10/10/17 12:07	10/11/17 18:55
10406861005	G-171010-RA-05	Air	10/10/17 12:09	10/11/17 18:55

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10406861001	G-171010-RA-01	TO-15	CH1	61	PASI-M
10406861002	G-171010-RA-02	TO-15	CH1	61	PASI-M
10406861003	G-171010-RA-03	TO-15	CH1	61	PASI-M
10406861004	G-171010-RA-04	TO-15	CH1	61	PASI-M
10406861005	G-171010-RA-05	TO-15	CH1	61	PASI-M

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11139422 Former Kabel Auto
Pace Project No.: 10406861

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
10406861001	G-171010-RA-01					
TO-15	Acetone	738	ug/m3	7.6	10/25/17 15:41	
TO-15	Benzene	2.0	ug/m3	1.0	10/25/17 15:41	
TO-15	2-Butanone (MEK)	49.1	ug/m3	9.4	10/25/17 15:41	
TO-15	Carbon disulfide	50.5	ug/m3	2.0	10/25/17 15:41	
TO-15	Chloroform	2.0	ug/m3	1.6	10/25/17 15:41	
TO-15	Cyclohexane	5.8	ug/m3	2.2	10/25/17 15:41	
TO-15	Dichlorodifluoromethane	327	ug/m3	3.2	10/25/17 15:41	
TO-15	Ethanol	1760	ug/m3	3.0	10/25/17 15:41	E
TO-15	Ethylbenzene	2.8J	ug/m3	2.8	10/25/17 15:41	
TO-15	n-Hexane	27.2	ug/m3	2.3	10/25/17 15:41	
TO-15	Methylene Chloride	292	ug/m3	11.1	10/25/17 15:41	
TO-15	4-Methyl-2-pentanone (MIBK)	8.8J	ug/m3	13.1	10/25/17 15:41	
TO-15	Propylene	22.5	ug/m3	1.1	10/25/17 15:41	
TO-15	Styrene	2.4J	ug/m3	2.7	10/25/17 15:41	
TO-15	Tetrachloroethene	215	ug/m3	2.2	10/25/17 15:41	
TO-15	Tetrahydrofuran	1.1J	ug/m3	1.9	10/25/17 15:41	
TO-15	Toluene	39.7	ug/m3	2.4	10/25/17 15:41	
TO-15	1,1,1-Trichloroethane	7.9	ug/m3	3.5	10/25/17 15:41	
TO-15	Trichloroethene	1.2J	ug/m3	1.7	10/25/17 15:41	
TO-15	Trichlorofluoromethane	246	ug/m3	3.6	10/25/17 15:41	
TO-15	1,1,2-Trichlorotrifluoroethane	34.0	ug/m3	5.0	10/25/17 15:41	
TO-15	1,2,4-Trimethylbenzene	2.6J	ug/m3	3.1	10/25/17 15:41	
TO-15	Vinyl acetate	8.6	ug/m3	2.2	10/25/17 15:41	
TO-15	m&p-Xylene	7.8	ug/m3	5.6	10/25/17 15:41	
TO-15	o-Xylene	2.5J	ug/m3	2.8	10/25/17 15:41	
10406861002	G-171010-RA-02					
TO-15	Acetone	72.0	ug/m3	4.3	10/25/17 16:17	
TO-15	Benzene	4.3	ug/m3	0.58	10/25/17 16:17	
TO-15	2-Butanone (MEK)	18.1	ug/m3	5.4	10/25/17 16:17	
TO-15	Carbon disulfide	4.0	ug/m3	1.1	10/25/17 16:17	
TO-15	Chloroform	1.6	ug/m3	0.89	10/25/17 16:17	
TO-15	Chloromethane	1.4	ug/m3	0.76	10/25/17 16:17	
TO-15	Cyclohexane	1.2J	ug/m3	1.3	10/25/17 16:17	
TO-15	Dichlorodifluoromethane	162	ug/m3	1.8	10/25/17 16:17	
TO-15	Ethanol	93.6	ug/m3	1.7	10/25/17 16:17	
TO-15	Ethylbenzene	2.1	ug/m3	1.6	10/25/17 16:17	
TO-15	n-Heptane	4.0	ug/m3	1.5	10/25/17 16:17	
TO-15	n-Hexane	4.6	ug/m3	1.3	10/25/17 16:17	
TO-15	Methylene Chloride	22.1	ug/m3	6.4	10/25/17 16:17	
TO-15	4-Methyl-2-pentanone (MIBK)	4.2J	ug/m3	7.5	10/25/17 16:17	
TO-15	2-Propanol	10.9	ug/m3	4.5	10/25/17 16:17	
TO-15	Propylene	63.1	ug/m3	0.63	10/25/17 16:17	
TO-15	Tetrachloroethene	2.5	ug/m3	1.2	10/25/17 16:17	
TO-15	Tetrahydrofuran	1.3	ug/m3	1.1	10/25/17 16:17	
TO-15	Toluene	13.3	ug/m3	1.4	10/25/17 16:17	
TO-15	1,1,1-Trichloroethane	13.6	ug/m3	2.0	10/25/17 16:17	
TO-15	Trichlorofluoromethane	6.7	ug/m3	2.1	10/25/17 16:17	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11139422 Former Kabel Auto
Pace Project No.: 10406861

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
10406861002	G-171010-RA-02					
TO-15	1,1,2-Trichlorotrifluoroethane	37.6	ug/m3	2.9	10/25/17 16:17	
TO-15	1,2,4-Trimethylbenzene	2.2	ug/m3	1.8	10/25/17 16:17	
TO-15	Vinyl acetate	2.7	ug/m3	1.3	10/25/17 16:17	
TO-15	m&p-Xylene	7.3	ug/m3	3.2	10/25/17 16:17	
TO-15	o-Xylene	3.0	ug/m3	1.6	10/25/17 16:17	
10406861003	G-171010-RA-03					
TO-15	Acetone	105	ug/m3	4.7	10/25/17 16:56	
TO-15	Benzene	2.4	ug/m3	0.63	10/25/17 16:56	
TO-15	2-Butanone (MEK)	5.9	ug/m3	5.8	10/25/17 16:56	
TO-15	Carbon tetrachloride	0.70J	ug/m3	1.2	10/25/17 16:56	
TO-15	Cyclohexane	10.3	ug/m3	1.4	10/25/17 16:56	
TO-15	Dichlorodifluoromethane	52.3	ug/m3	2.0	10/25/17 16:56	
TO-15	Ethanol	25.9	ug/m3	1.9	10/25/17 16:56	
TO-15	Ethylbenzene	1.3J	ug/m3	1.7	10/25/17 16:56	
TO-15	n-Heptane	3.6	ug/m3	1.6	10/25/17 16:56	
TO-15	n-Hexane	56.6	ug/m3	23.5	10/26/17 11:15	IS
TO-15	Methylene Chloride	1010	ug/m3	115	10/26/17 11:15	IS
TO-15	2-Propanol	14.5	ug/m3	4.8	10/25/17 16:56	
TO-15	Propylene	6.5	ug/m3	0.68	10/25/17 16:56	
TO-15	Toluene	41.7	ug/m3	25.1	10/26/17 11:15	IS
TO-15	Trichlorofluoromethane	2.8	ug/m3	2.2	10/25/17 16:56	
TO-15	1,2,4-Trimethylbenzene	1.5J	ug/m3	1.9	10/25/17 16:56	
TO-15	m&p-Xylene	4.8	ug/m3	3.4	10/25/17 16:56	
TO-15	o-Xylene	1.7	ug/m3	1.7	10/25/17 16:56	
10406861004	G-171010-RA-04					
TO-15	Acetone	105	ug/m3	7.9	10/25/17 17:32	
TO-15	Benzene	3.6	ug/m3	1.1	10/25/17 17:32	
TO-15	2-Butanone (MEK)	42.8	ug/m3	9.8	10/25/17 17:32	
TO-15	Carbon disulfide	8.2	ug/m3	2.1	10/25/17 17:32	
TO-15	Dichlorodifluoromethane	27.5	ug/m3	3.3	10/25/17 17:32	
TO-15	Ethanol	37.3	ug/m3	3.1	10/25/17 17:32	
TO-15	Ethylbenzene	3.1	ug/m3	2.9	10/25/17 17:32	
TO-15	n-Hexane	9.8	ug/m3	2.3	10/25/17 17:32	
TO-15	2-Hexanone	7.8J	ug/m3	13.6	10/25/17 17:32	
TO-15	Methylene Chloride	64.5	ug/m3	11.5	10/25/17 17:32	
TO-15	4-Methyl-2-pentanone (MIBK)	10.8J	ug/m3	13.6	10/25/17 17:32	
TO-15	2-Propanol	11.5	ug/m3	8.2	10/25/17 17:32	
TO-15	Propylene	55.8	ug/m3	1.1	10/25/17 17:32	
TO-15	Tetrachloroethene	3.5	ug/m3	2.2	10/25/17 17:32	
TO-15	Toluene	18.4	ug/m3	2.5	10/25/17 17:32	
TO-15	Trichlorofluoromethane	11.1	ug/m3	3.7	10/25/17 17:32	
TO-15	1,1,2-Trichlorotrifluoroethane	2.7J	ug/m3	5.2	10/25/17 17:32	
TO-15	1,2,4-Trimethylbenzene	2.9J	ug/m3	3.3	10/25/17 17:32	
TO-15	Vinyl acetate	6.5	ug/m3	2.3	10/25/17 17:32	
TO-15	m&p-Xylene	11.0	ug/m3	5.8	10/25/17 17:32	
TO-15	o-Xylene	4.0	ug/m3	2.9	10/25/17 17:32	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10406861005	G-171010-RA-05					
TO-15	Acetone	77.9	ug/m3	8.2	10/25/17 18:08	
TO-15	Benzene	4.8	ug/m3	1.1	10/25/17 18:08	
TO-15	Bromomethane	1.8J	ug/m3	2.7	10/25/17 18:08	
TO-15	2-Butanone (MEK)	28.9	ug/m3	10.2	10/25/17 18:08	
TO-15	Carbon disulfide	9.3	ug/m3	2.1	10/25/17 18:08	
TO-15	Chloromethane	7.0	ug/m3	1.4	10/25/17 18:08	
TO-15	Cyclohexane	1.5J	ug/m3	2.4	10/25/17 18:08	
TO-15	Dichlorodifluoromethane	516	ug/m3	3.4	10/25/17 18:08	
TO-15	Ethanol	43.1	ug/m3	3.2	10/25/17 18:08	
TO-15	Ethylbenzene	4.3	ug/m3	3.0	10/25/17 18:08	
TO-15	n-Hexane	5.6	ug/m3	2.4	10/25/17 18:08	
TO-15	Methylene Chloride	50.5	ug/m3	12.0	10/25/17 18:08	
TO-15	4-Methyl-2-pentanone (MIBK)	18.1	ug/m3	14.1	10/25/17 18:08	
TO-15	2-Propanol	12.4	ug/m3	8.5	10/25/17 18:08	
TO-15	Propylene	6.9	ug/m3	1.2	10/25/17 18:08	
TO-15	Tetrachloroethene	8.9	ug/m3	2.3	10/25/17 18:08	
TO-15	Toluene	21.6	ug/m3	2.6	10/25/17 18:08	
TO-15	Trichloroethene	1.3J	ug/m3	1.9	10/25/17 18:08	
TO-15	Trichlorofluoromethane	12.0	ug/m3	3.9	10/25/17 18:08	
TO-15	1,1,2-Trichlorotrifluoroethane	17.1	ug/m3	5.4	10/25/17 18:08	
TO-15	1,2,4-Trimethylbenzene	2.9J	ug/m3	3.4	10/25/17 18:08	
TO-15	Vinyl acetate	3.4	ug/m3	2.4	10/25/17 18:08	
TO-15	m&p-Xylene	15.0	ug/m3	6.0	10/25/17 18:08	
TO-15	o-Xylene	5.0	ug/m3	3.0	10/25/17 18:08	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Sample: G-171010-RA-01 **Lab ID:** 10406861001 Collected: 10/10/17 10:25 Received: 10/11/17 18:55 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Acetone	738	ug/m3	7.6	4.7	3.14		10/25/17 15:41	67-64-1	
Benzene	2.0	ug/m3	1.0	0.47	3.14		10/25/17 15:41	71-43-2	
Benzyl chloride	3.3 U	ug/m3	3.3	0.74	3.14		10/25/17 15:41	100-44-7	
Bromodichloromethane	4.3 U	ug/m3	4.3	1.1	3.14		10/25/17 15:41	75-27-4	
Bromoform	6.6 U	ug/m3	6.6	2.2	3.14		10/25/17 15:41	75-25-2	
Bromomethane	2.5 U	ug/m3	2.5	0.65	3.14		10/25/17 15:41	74-83-9	
1,3-Butadiene	1.4 U	ug/m3	1.4	0.65	3.14		10/25/17 15:41	106-99-0	
2-Butanone (MEK)	49.1	ug/m3	9.4	0.64	3.14		10/25/17 15:41	78-93-3	
Carbon disulfide	50.5	ug/m3	2.0	0.56	3.14		10/25/17 15:41	75-15-0	
Carbon tetrachloride	2.0 U	ug/m3	2.0	1.0	3.14		10/25/17 15:41	56-23-5	
Chlorobenzene	3.0 U	ug/m3	3.0	0.56	3.14		10/25/17 15:41	108-90-7	
Chloroethane	1.7 U	ug/m3	1.7	0.64	3.14		10/25/17 15:41	75-00-3	
Chloroform	2.0	ug/m3	1.6	0.73	3.14		10/25/17 15:41	67-66-3	
Chloromethane	1.3 U	ug/m3	1.3	0.42	3.14		10/25/17 15:41	74-87-3	
Cyclohexane	5.8	ug/m3	2.2	0.71	3.14		10/25/17 15:41	110-82-7	
Dibromochloromethane	5.4 U	ug/m3	5.4	1.4	3.14		10/25/17 15:41	124-48-1	
1,2-Dibromoethane (EDB)	4.9 U	ug/m3	4.9	1.0	3.14		10/25/17 15:41	106-93-4	
1,2-Dichlorobenzene	3.8 U	ug/m3	3.8	1.0	3.14		10/25/17 15:41	95-50-1	
1,3-Dichlorobenzene	3.8 U	ug/m3	3.8	1.5	3.14		10/25/17 15:41	541-73-1	
1,4-Dichlorobenzene	3.8 U	ug/m3	3.8	0.65	3.14		10/25/17 15:41	106-46-7	
Dichlorodifluoromethane	327	ug/m3	3.2	1.3	3.14		10/25/17 15:41	75-71-8	
1,1-Dichloroethane	2.6 U	ug/m3	2.6	0.67	3.14		10/25/17 15:41	75-34-3	
1,2-Dichloroethane	1.3 U	ug/m3	1.3	0.62	3.14		10/25/17 15:41	107-06-2	
1,1-Dichloroethene	2.5 U	ug/m3	2.5	0.74	3.14		10/25/17 15:41	75-35-4	
cis-1,2-Dichloroethene	2.5 U	ug/m3	2.5	1.1	3.14		10/25/17 15:41	156-59-2	
trans-1,2-Dichloroethene	2.5 U	ug/m3	2.5	0.93	3.14		10/25/17 15:41	156-60-5	
1,2-Dichloropropane	3.0 U	ug/m3	3.0	0.96	3.14		10/25/17 15:41	78-87-5	
cis-1,3-Dichloropropene	2.9 U	ug/m3	2.9	0.77	3.14		10/25/17 15:41	10061-01-5	
trans-1,3-Dichloropropene	2.9 U	ug/m3	2.9	1.3	3.14		10/25/17 15:41	10061-02-6	
Dichlorotetrafluoroethane	4.5 U	ug/m3	4.5	1.4	3.14		10/25/17 15:41	76-14-2	
Ethanol	1760	ug/m3	3.0	1.5	3.14		10/25/17 15:41	64-17-5	E
Ethyl acetate	2.3 U	ug/m3	2.3	0.62	3.14		10/25/17 15:41	141-78-6	
Ethylbenzene	2.8J	ug/m3	2.8	0.54	3.14		10/25/17 15:41	100-41-4	
4-Ethyltoluene	3.1 U	ug/m3	3.1	0.67	3.14		10/25/17 15:41	622-96-8	
n-Heptane	2.6 U	ug/m3	2.6	0.66	3.14		10/25/17 15:41	142-82-5	
Hexachloro-1,3-butadiene	6.8 U	ug/m3	6.8	2.7	3.14		10/25/17 15:41	87-68-3	
n-Hexane	27.2	ug/m3	2.3	1.0	3.14		10/25/17 15:41	110-54-3	
2-Hexanone	13.1 U	ug/m3	13.1	1.9	3.14		10/25/17 15:41	591-78-6	
Methylene Chloride	292	ug/m3	11.1	4.8	3.14		10/25/17 15:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	8.8J	ug/m3	13.1	1.1	3.14		10/25/17 15:41	108-10-1	
Methyl-tert-butyl ether	11.5 U	ug/m3	11.5	2.1	3.14		10/25/17 15:41	1634-04-4	
Naphthalene	8.4 U	ug/m3	8.4	1.9	3.14		10/25/17 15:41	91-20-3	
2-Propanol	7.8 U	ug/m3	7.8	3.9	3.14		10/25/17 15:41	67-63-0	
Propylene	22.5	ug/m3	1.1	0.49	3.14		10/25/17 15:41	115-07-1	
Styrene	2.4J	ug/m3	2.7	0.52	3.14		10/25/17 15:41	100-42-5	
1,1,2,2-Tetrachloroethane	2.2 U	ug/m3	2.2	0.91	3.14		10/25/17 15:41	79-34-5	

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ANALYTICAL RESULTS

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Sample: G-171010-RA-01 **Lab ID: 10406861001** Collected: 10/10/17 10:25 Received: 10/11/17 18:55 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Tetrachloroethene	215	ug/m3	2.2	0.90	3.14		10/25/17 15:41	127-18-4	
Tetrahydrofuran	1.1J	ug/m3	1.9	0.86	3.14		10/25/17 15:41	109-99-9	
Toluene	39.7	ug/m3	2.4	0.50	3.14		10/25/17 15:41	108-88-3	
1,2,4-Trichlorobenzene	11.8 U	ug/m3	11.8	3.0	3.14		10/25/17 15:41	120-82-1	
1,1,1-Trichloroethane	7.9	ug/m3	3.5	1.1	3.14		10/25/17 15:41	71-55-6	
1,1,2-Trichloroethane	1.7 U	ug/m3	1.7	0.71	3.14		10/25/17 15:41	79-00-5	
Trichloroethene	1.2J	ug/m3	1.7	0.84	3.14		10/25/17 15:41	79-01-6	
Trichlorofluoromethane	246	ug/m3	3.6	1.3	3.14		10/25/17 15:41	75-69-4	
1,1,2-Trichlorotrifluoroethane	34.0	ug/m3	5.0	1.2	3.14		10/25/17 15:41	76-13-1	
1,2,4-Trimethylbenzene	2.6J	ug/m3	3.1	0.54	3.14		10/25/17 15:41	95-63-6	
1,3,5-Trimethylbenzene	3.1 U	ug/m3	3.1	1.3	3.14		10/25/17 15:41	108-67-8	
Vinyl acetate	8.6	ug/m3	2.2	0.49	3.14		10/25/17 15:41	108-05-4	
Vinyl chloride	0.82 U	ug/m3	0.82	0.40	3.14		10/25/17 15:41	75-01-4	
m&p-Xylene	7.8	ug/m3	5.6	1.1	3.14		10/25/17 15:41	179601-23-1	
o-Xylene	2.5J	ug/m3	2.8	1.2	3.14		10/25/17 15:41	95-47-6	

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ANALYTICAL RESULTS

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Sample: G-171010-RA-02 **Lab ID:** 10406861002 Collected: 10/10/17 11:19 Received: 10/11/17 18:55 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Acetone	72.0	ug/m3	4.3	2.7	1.8		10/25/17 16:17	67-64-1	
Benzene	4.3	ug/m3	0.58	0.27	1.8		10/25/17 16:17	71-43-2	
Benzyl chloride	1.9 U	ug/m3	1.9	0.42	1.8		10/25/17 16:17	100-44-7	
Bromodichloromethane	2.4 U	ug/m3	2.4	0.64	1.8		10/25/17 16:17	75-27-4	
Bromoform	3.8 U	ug/m3	3.8	1.2	1.8		10/25/17 16:17	75-25-2	
Bromomethane	1.4 U	ug/m3	1.4	0.37	1.8		10/25/17 16:17	74-83-9	
1,3-Butadiene	0.81 U	ug/m3	0.81	0.37	1.8		10/25/17 16:17	106-99-0	
2-Butanone (MEK)	18.1	ug/m3	5.4	0.37	1.8		10/25/17 16:17	78-93-3	
Carbon disulfide	4.0	ug/m3	1.1	0.32	1.8		10/25/17 16:17	75-15-0	
Carbon tetrachloride	1.2 U	ug/m3	1.2	0.57	1.8		10/25/17 16:17	56-23-5	
Chlorobenzene	1.7 U	ug/m3	1.7	0.32	1.8		10/25/17 16:17	108-90-7	
Chloroethane	0.97 U	ug/m3	0.97	0.37	1.8		10/25/17 16:17	75-00-3	
Chloroform	1.6	ug/m3	0.89	0.42	1.8		10/25/17 16:17	67-66-3	
Chloromethane	1.4	ug/m3	0.76	0.24	1.8		10/25/17 16:17	74-87-3	
Cyclohexane	1.2J	ug/m3	1.3	0.41	1.8		10/25/17 16:17	110-82-7	
Dibromochloromethane	3.1 U	ug/m3	3.1	0.80	1.8		10/25/17 16:17	124-48-1	
1,2-Dibromoethane (EDB)	2.8 U	ug/m3	2.8	0.60	1.8		10/25/17 16:17	106-93-4	
1,2-Dichlorobenzene	2.2 U	ug/m3	2.2	0.59	1.8		10/25/17 16:17	95-50-1	
1,3-Dichlorobenzene	2.2 U	ug/m3	2.2	0.84	1.8		10/25/17 16:17	541-73-1	
1,4-Dichlorobenzene	2.2 U	ug/m3	2.2	0.37	1.8		10/25/17 16:17	106-46-7	
Dichlorodifluoromethane	162	ug/m3	1.8	0.75	1.8		10/25/17 16:17	75-71-8	
1,1-Dichloroethane	1.5 U	ug/m3	1.5	0.38	1.8		10/25/17 16:17	75-34-3	
1,2-Dichloroethane	0.74 U	ug/m3	0.74	0.36	1.8		10/25/17 16:17	107-06-2	
1,1-Dichloroethene	1.5 U	ug/m3	1.5	0.43	1.8		10/25/17 16:17	75-35-4	
cis-1,2-Dichloroethene	1.5 U	ug/m3	1.5	0.61	1.8		10/25/17 16:17	156-59-2	
trans-1,2-Dichloroethene	1.5 U	ug/m3	1.5	0.53	1.8		10/25/17 16:17	156-60-5	
1,2-Dichloropropane	1.7 U	ug/m3	1.7	0.55	1.8		10/25/17 16:17	78-87-5	
cis-1,3-Dichloropropene	1.7 U	ug/m3	1.7	0.44	1.8		10/25/17 16:17	10061-01-5	
trans-1,3-Dichloropropene	1.7 U	ug/m3	1.7	0.76	1.8		10/25/17 16:17	10061-02-6	
Dichlorotetrafluoroethane	2.6 U	ug/m3	2.6	0.80	1.8		10/25/17 16:17	76-14-2	
Ethanol	93.6	ug/m3	1.7	0.84	1.8		10/25/17 16:17	64-17-5	
Ethyl acetate	1.3 U	ug/m3	1.3	0.35	1.8		10/25/17 16:17	141-78-6	
Ethylbenzene	2.1	ug/m3	1.6	0.31	1.8		10/25/17 16:17	100-41-4	
4-Ethyltoluene	1.8 U	ug/m3	1.8	0.39	1.8		10/25/17 16:17	622-96-8	
n-Heptane	4.0	ug/m3	1.5	0.38	1.8		10/25/17 16:17	142-82-5	
Hexachloro-1,3-butadiene	3.9 U	ug/m3	3.9	1.6	1.8		10/25/17 16:17	87-68-3	
n-Hexane	4.6	ug/m3	1.3	0.60	1.8		10/25/17 16:17	110-54-3	
2-Hexanone	7.5 U	ug/m3	7.5	1.1	1.8		10/25/17 16:17	591-78-6	
Methylene Chloride	22.1	ug/m3	6.4	2.7	1.8		10/25/17 16:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	4.2J	ug/m3	7.5	0.64	1.8		10/25/17 16:17	108-10-1	
Methyl-tert-butyl ether	6.6 U	ug/m3	6.6	1.2	1.8		10/25/17 16:17	1634-04-4	
Naphthalene	4.8 U	ug/m3	4.8	1.1	1.8		10/25/17 16:17	91-20-3	
2-Propanol	10.9	ug/m3	4.5	2.2	1.8		10/25/17 16:17	67-63-0	
Propylene	63.1	ug/m3	0.63	0.28	1.8		10/25/17 16:17	115-07-1	
Styrene	1.6 U	ug/m3	1.6	0.30	1.8		10/25/17 16:17	100-42-5	
1,1,2,2-Tetrachloroethane	1.3 U	ug/m3	1.3	0.52	1.8		10/25/17 16:17	79-34-5	

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ANALYTICAL RESULTS

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Sample: G-171010-RA-02 **Lab ID: 10406861002** Collected: 10/10/17 11:19 Received: 10/11/17 18:55 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Tetrachloroethene	2.5	ug/m3	1.2	0.52	1.8		10/25/17 16:17	127-18-4	
Tetrahydrofuran	1.3	ug/m3	1.1	0.49	1.8		10/25/17 16:17	109-99-9	
Toluene	13.3	ug/m3	1.4	0.29	1.8		10/25/17 16:17	108-88-3	
1,2,4-Trichlorobenzene	6.8 U	ug/m3	6.8	1.7	1.8		10/25/17 16:17	120-82-1	
1,1,1-Trichloroethane	13.6	ug/m3	2.0	0.62	1.8		10/25/17 16:17	71-55-6	
1,1,2-Trichloroethane	0.99 U	ug/m3	0.99	0.40	1.8		10/25/17 16:17	79-00-5	
Trichloroethene	0.99 U	ug/m3	0.99	0.48	1.8		10/25/17 16:17	79-01-6	
Trichlorofluoromethane	6.7	ug/m3	2.1	0.75	1.8		10/25/17 16:17	75-69-4	
1,1,2-Trichlorotrifluoroethane	37.6	ug/m3	2.9	0.66	1.8		10/25/17 16:17	76-13-1	
1,2,4-Trimethylbenzene	2.2	ug/m3	1.8	0.31	1.8		10/25/17 16:17	95-63-6	
1,3,5-Trimethylbenzene	1.8 U	ug/m3	1.8	0.74	1.8		10/25/17 16:17	108-67-8	
Vinyl acetate	2.7	ug/m3	1.3	0.28	1.8		10/25/17 16:17	108-05-4	
Vinyl chloride	0.47 U	ug/m3	0.47	0.23	1.8		10/25/17 16:17	75-01-4	
m&p-Xylene	7.3	ug/m3	3.2	0.63	1.8		10/25/17 16:17	179601-23-1	
o-Xylene	3.0	ug/m3	1.6	0.67	1.8		10/25/17 16:17	95-47-6	

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ANALYTICAL RESULTS

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Sample: **G-171010-RA-03** Lab ID: **10406861003** Collected: 10/10/17 12:05 Received: 10/11/17 18:55 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Acetone	105	ug/m3	4.7	2.9	1.94		10/25/17 16:56	67-64-1	
Benzene	2.4	ug/m3	0.63	0.29	1.94		10/25/17 16:56	71-43-2	
Benzyl chloride	2.0 U	ug/m3	2.0	0.46	1.94		10/25/17 16:56	100-44-7	
Bromodichloromethane	2.6 U	ug/m3	2.6	0.69	1.94		10/25/17 16:56	75-27-4	
Bromoform	4.1 U	ug/m3	4.1	1.3	1.94		10/25/17 16:56	75-25-2	
Bromomethane	1.5 U	ug/m3	1.5	0.40	1.94		10/25/17 16:56	74-83-9	
1,3-Butadiene	0.87 U	ug/m3	0.87	0.40	1.94		10/25/17 16:56	106-99-0	
2-Butanone (MEK)	5.9	ug/m3	5.8	0.39	1.94		10/25/17 16:56	78-93-3	
Carbon disulfide	1.2 U	ug/m3	1.2	0.35	1.94		10/25/17 16:56	75-15-0	
Carbon tetrachloride	0.70J	ug/m3	1.2	0.62	1.94		10/25/17 16:56	56-23-5	
Chlorobenzene	1.8 U	ug/m3	1.8	0.35	1.94		10/25/17 16:56	108-90-7	
Chloroethane	1.0 U	ug/m3	1.0	0.40	1.94		10/25/17 16:56	75-00-3	
Chloroform	0.96 U	ug/m3	0.96	0.45	1.94		10/25/17 16:56	67-66-3	
Chloromethane	0.81 U	ug/m3	0.81	0.26	1.94		10/25/17 16:56	74-87-3	
Cyclohexane	10.3	ug/m3	1.4	0.44	1.94		10/25/17 16:56	110-82-7	
Dibromochloromethane	3.4 U	ug/m3	3.4	0.86	1.94		10/25/17 16:56	124-48-1	
1,2-Dibromoethane (EDB)	3.0 U	ug/m3	3.0	0.65	1.94		10/25/17 16:56	106-93-4	
1,2-Dichlorobenzene	2.4 U	ug/m3	2.4	0.63	1.94		10/25/17 16:56	95-50-1	
1,3-Dichlorobenzene	2.4 U	ug/m3	2.4	0.90	1.94		10/25/17 16:56	541-73-1	
1,4-Dichlorobenzene	2.4 U	ug/m3	2.4	0.40	1.94		10/25/17 16:56	106-46-7	
Dichlorodifluoromethane	52.3	ug/m3	2.0	0.81	1.94		10/25/17 16:56	75-71-8	
1,1-Dichloroethane	1.6 U	ug/m3	1.6	0.41	1.94		10/25/17 16:56	75-34-3	
1,2-Dichloroethane	0.80 U	ug/m3	0.80	0.38	1.94		10/25/17 16:56	107-06-2	
1,1-Dichloroethene	1.6 U	ug/m3	1.6	0.46	1.94		10/25/17 16:56	75-35-4	
cis-1,2-Dichloroethene	1.6 U	ug/m3	1.6	0.66	1.94		10/25/17 16:56	156-59-2	
trans-1,2-Dichloroethene	1.6 U	ug/m3	1.6	0.57	1.94		10/25/17 16:56	156-60-5	
1,2-Dichloropropane	1.8 U	ug/m3	1.8	0.59	1.94		10/25/17 16:56	78-87-5	
cis-1,3-Dichloropropene	1.8 U	ug/m3	1.8	0.48	1.94		10/25/17 16:56	10061-01-5	
trans-1,3-Dichloropropene	1.8 U	ug/m3	1.8	0.81	1.94		10/25/17 16:56	10061-02-6	
Dichlorotetrafluoroethane	2.8 U	ug/m3	2.8	0.86	1.94		10/25/17 16:56	76-14-2	
Ethanol	25.9	ug/m3	1.9	0.90	1.94		10/25/17 16:56	64-17-5	
Ethyl acetate	1.4 U	ug/m3	1.4	0.38	1.94		10/25/17 16:56	141-78-6	
Ethylbenzene	1.3J	ug/m3	1.7	0.33	1.94		10/25/17 16:56	100-41-4	
4-Ethyltoluene	1.9 U	ug/m3	1.9	0.42	1.94		10/25/17 16:56	622-96-8	
n-Heptane	3.6	ug/m3	1.6	0.41	1.94		10/25/17 16:56	142-82-5	
Hexachloro-1,3-butadiene	4.2 U	ug/m3	4.2	1.7	1.94		10/25/17 16:56	87-68-3	
n-Hexane	56.6	ug/m3	23.5	10.9	32.59		10/26/17 11:15	110-54-3	IS
2-Hexanone	8.1 U	ug/m3	8.1	1.2	1.94		10/25/17 16:56	591-78-6	
Methylene Chloride	1010	ug/m3	115	49.5	32.59		10/26/17 11:15	75-09-2	IS
4-Methyl-2-pentanone (MIBK)	8.1 U	ug/m3	8.1	0.69	1.94		10/25/17 16:56	108-10-1	
Methyl-tert-butyl ether	7.1 U	ug/m3	7.1	1.3	1.94		10/25/17 16:56	1634-04-4	
Naphthalene	5.2 U	ug/m3	5.2	1.2	1.94		10/25/17 16:56	91-20-3	
2-Propanol	14.5	ug/m3	4.8	2.4	1.94		10/25/17 16:56	67-63-0	
Propylene	6.5	ug/m3	0.68	0.30	1.94		10/25/17 16:56	115-07-1	
Styrene	1.7 U	ug/m3	1.7	0.32	1.94		10/25/17 16:56	100-42-5	
1,1,2,2-Tetrachloroethane	1.4 U	ug/m3	1.4	0.56	1.94		10/25/17 16:56	79-34-5	

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ANALYTICAL RESULTS

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Sample: G-171010-RA-03 **Lab ID: 10406861003** Collected: 10/10/17 12:05 Received: 10/11/17 18:55 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Tetrachloroethene	1.3 U	ug/m3	1.3	0.56	1.94		10/25/17 16:56	127-18-4	
Tetrahydrofuran	1.2 U	ug/m3	1.2	0.53	1.94		10/25/17 16:56	109-99-9	
Toluene	41.7	ug/m3	25.1	5.2	32.59		10/26/17 11:15	108-88-3	IS
1,2,4-Trichlorobenzene	7.3 U	ug/m3	7.3	1.9	1.94		10/25/17 16:56	120-82-1	
1,1,1-Trichloroethane	2.2 U	ug/m3	2.2	0.66	1.94		10/25/17 16:56	71-55-6	
1,1,2-Trichloroethane	1.1 U	ug/m3	1.1	0.44	1.94		10/25/17 16:56	79-00-5	
Trichloroethene	1.1 U	ug/m3	1.1	0.52	1.94		10/25/17 16:56	79-01-6	
Trichlorofluoromethane	2.8	ug/m3	2.2	0.81	1.94		10/25/17 16:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	3.1 U	ug/m3	3.1	0.72	1.94		10/25/17 16:56	76-13-1	
1,2,4-Trimethylbenzene	1.5J	ug/m3	1.9	0.33	1.94		10/25/17 16:56	95-63-6	
1,3,5-Trimethylbenzene	1.9 U	ug/m3	1.9	0.80	1.94		10/25/17 16:56	108-67-8	
Vinyl acetate	1.4 U	ug/m3	1.4	0.30	1.94		10/25/17 16:56	108-05-4	
Vinyl chloride	0.50 U	ug/m3	0.50	0.24	1.94		10/25/17 16:56	75-01-4	
m&p-Xylene	4.8	ug/m3	3.4	0.68	1.94		10/25/17 16:56	179601-23-1	
o-Xylene	1.7	ug/m3	1.7	0.72	1.94		10/25/17 16:56	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Sample: G-171010-RA-04 **Lab ID: 10406861004** Collected: 10/10/17 12:07 Received: 10/11/17 18:55 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
Acetone	105	ug/m3	7.9	4.9	3.26		10/25/17 17:32	67-64-1	
Benzene	3.6	ug/m3	1.1	0.49	3.26		10/25/17 17:32	71-43-2	
Benzyl chloride	3.4 U	ug/m3	3.4	0.77	3.26		10/25/17 17:32	100-44-7	
Bromodichloromethane	4.4 U	ug/m3	4.4	1.2	3.26		10/25/17 17:32	75-27-4	
Bromoform	6.8 U	ug/m3	6.8	2.3	3.26		10/25/17 17:32	75-25-2	
Bromomethane	2.6 U	ug/m3	2.6	0.68	3.26		10/25/17 17:32	74-83-9	
1,3-Butadiene	1.5 U	ug/m3	1.5	0.67	3.26		10/25/17 17:32	106-99-0	
2-Butanone (MEK)	42.8	ug/m3	9.8	0.66	3.26		10/25/17 17:32	78-93-3	
Carbon disulfide	8.2	ug/m3	2.1	0.58	3.26		10/25/17 17:32	75-15-0	
Carbon tetrachloride	2.1 U	ug/m3	2.1	1.0	3.26		10/25/17 17:32	56-23-5	
Chlorobenzene	3.1 U	ug/m3	3.1	0.58	3.26		10/25/17 17:32	108-90-7	
Chloroethane	1.8 U	ug/m3	1.8	0.67	3.26		10/25/17 17:32	75-00-3	
Chloroform	1.6 U	ug/m3	1.6	0.75	3.26		10/25/17 17:32	67-66-3	
Chloromethane	1.4 U	ug/m3	1.4	0.44	3.26		10/25/17 17:32	74-87-3	
Cyclohexane	2.3 U	ug/m3	2.3	0.74	3.26		10/25/17 17:32	110-82-7	
Dibromochloromethane	5.6 U	ug/m3	5.6	1.4	3.26		10/25/17 17:32	124-48-1	
1,2-Dibromoethane (EDB)	5.1 U	ug/m3	5.1	1.1	3.26		10/25/17 17:32	106-93-4	
1,2-Dichlorobenzene	4.0 U	ug/m3	4.0	1.1	3.26		10/25/17 17:32	95-50-1	
1,3-Dichlorobenzene	4.0 U	ug/m3	4.0	1.5	3.26		10/25/17 17:32	541-73-1	
1,4-Dichlorobenzene	4.0 U	ug/m3	4.0	0.67	3.26		10/25/17 17:32	106-46-7	
Dichlorodifluoromethane	27.5	ug/m3	3.3	1.4	3.26		10/25/17 17:32	75-71-8	
1,1-Dichloroethane	2.7 U	ug/m3	2.7	0.69	3.26		10/25/17 17:32	75-34-3	
1,2-Dichloroethane	1.3 U	ug/m3	1.3	0.65	3.26		10/25/17 17:32	107-06-2	
1,1-Dichloroethene	2.6 U	ug/m3	2.6	0.77	3.26		10/25/17 17:32	75-35-4	
cis-1,2-Dichloroethene	2.6 U	ug/m3	2.6	1.1	3.26		10/25/17 17:32	156-59-2	
trans-1,2-Dichloroethene	2.6 U	ug/m3	2.6	0.96	3.26		10/25/17 17:32	156-60-5	
1,2-Dichloropropane	3.1 U	ug/m3	3.1	1.0	3.26		10/25/17 17:32	78-87-5	
cis-1,3-Dichloropropene	3.0 U	ug/m3	3.0	0.80	3.26		10/25/17 17:32	10061-01-5	
trans-1,3-Dichloropropene	3.0 U	ug/m3	3.0	1.4	3.26		10/25/17 17:32	10061-02-6	
Dichlorotetrafluoroethane	4.6 U	ug/m3	4.6	1.4	3.26		10/25/17 17:32	76-14-2	
Ethanol	37.3	ug/m3	3.1	1.5	3.26		10/25/17 17:32	64-17-5	
Ethyl acetate	2.4 U	ug/m3	2.4	0.64	3.26		10/25/17 17:32	141-78-6	
Ethylbenzene	3.1	ug/m3	2.9	0.56	3.26		10/25/17 17:32	100-41-4	
4-Ethyltoluene	3.3 U	ug/m3	3.3	0.70	3.26		10/25/17 17:32	622-96-8	
n-Heptane	2.7 U	ug/m3	2.7	0.68	3.26		10/25/17 17:32	142-82-5	
Hexachloro-1,3-butadiene	7.1 U	ug/m3	7.1	2.8	3.26		10/25/17 17:32	87-68-3	
n-Hexane	9.8	ug/m3	2.3	1.1	3.26		10/25/17 17:32	110-54-3	
2-Hexanone	7.8J	ug/m3	13.6	2.0	3.26		10/25/17 17:32	591-78-6	
Methylene Chloride	64.5	ug/m3	11.5	5.0	3.26		10/25/17 17:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	10.8J	ug/m3	13.6	1.2	3.26		10/25/17 17:32	108-10-1	
Methyl-tert-butyl ether	11.9 U	ug/m3	11.9	2.2	3.26		10/25/17 17:32	1634-04-4	
Naphthalene	8.7 U	ug/m3	8.7	1.9	3.26		10/25/17 17:32	91-20-3	
2-Propanol	11.5	ug/m3	8.2	4.1	3.26		10/25/17 17:32	67-63-0	
Propylene	55.8	ug/m3	1.1	0.51	3.26		10/25/17 17:32	115-07-1	
Styrene	2.8 U	ug/m3	2.8	0.54	3.26		10/25/17 17:32	100-42-5	
1,1,2,2-Tetrachloroethane	2.3 U	ug/m3	2.3	0.95	3.26		10/25/17 17:32	79-34-5	

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ANALYTICAL RESULTS

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Sample: G-171010-RA-04 **Lab ID: 10406861004** Collected: 10/10/17 12:07 Received: 10/11/17 18:55 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Tetrachloroethene	3.5	ug/m3	2.2	0.94	3.26		10/25/17 17:32	127-18-4	
Tetrahydrofuran	2.0 U	ug/m3	2.0	0.89	3.26		10/25/17 17:32	109-99-9	
Toluene	18.4	ug/m3	2.5	0.52	3.26		10/25/17 17:32	108-88-3	
1,2,4-Trichlorobenzene	12.3 U	ug/m3	12.3	3.1	3.26		10/25/17 17:32	120-82-1	
1,1,1-Trichloroethane	3.6 U	ug/m3	3.6	1.1	3.26		10/25/17 17:32	71-55-6	
1,1,2-Trichloroethane	1.8 U	ug/m3	1.8	0.73	3.26		10/25/17 17:32	79-00-5	
Trichloroethene	1.8 U	ug/m3	1.8	0.87	3.26		10/25/17 17:32	79-01-6	
Trichlorofluoromethane	11.1	ug/m3	3.7	1.4	3.26		10/25/17 17:32	75-69-4	
1,1,2-Trichlorotrifluoroethane	2.7J	ug/m3	5.2	1.2	3.26		10/25/17 17:32	76-13-1	
1,2,4-Trimethylbenzene	2.9J	ug/m3	3.3	0.56	3.26		10/25/17 17:32	95-63-6	
1,3,5-Trimethylbenzene	3.3 U	ug/m3	3.3	1.3	3.26		10/25/17 17:32	108-67-8	
Vinyl acetate	6.5	ug/m3	2.3	0.51	3.26		10/25/17 17:32	108-05-4	
Vinyl chloride	0.85 U	ug/m3	0.85	0.41	3.26		10/25/17 17:32	75-01-4	
m&p-Xylene	11.0	ug/m3	5.8	1.1	3.26		10/25/17 17:32	179601-23-1	
o-Xylene	4.0	ug/m3	2.9	1.2	3.26		10/25/17 17:32	95-47-6	

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ANALYTICAL RESULTS

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Sample: G-171010-RA-05 **Lab ID: 10406861005** Collected: 10/10/17 12:09 Received: 10/11/17 18:55 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Acetone	77.9	ug/m3	8.2	5.1	3.39		10/25/17 18:08	67-64-1	
Benzene	4.8	ug/m3	1.1	0.51	3.39		10/25/17 18:08	71-43-2	
Benzyl chloride	3.6 U	ug/m3	3.6	0.80	3.39		10/25/17 18:08	100-44-7	
Bromodichloromethane	4.6 U	ug/m3	4.6	1.2	3.39		10/25/17 18:08	75-27-4	
Bromoform	7.1 U	ug/m3	7.1	2.3	3.39		10/25/17 18:08	75-25-2	
Bromomethane	1.8J	ug/m3	2.7	0.71	3.39		10/25/17 18:08	74-83-9	
1,3-Butadiene	1.5 U	ug/m3	1.5	0.70	3.39		10/25/17 18:08	106-99-0	
2-Butanone (MEK)	28.9	ug/m3	10.2	0.69	3.39		10/25/17 18:08	78-93-3	
Carbon disulfide	9.3	ug/m3	2.1	0.61	3.39		10/25/17 18:08	75-15-0	
Carbon tetrachloride	2.2 U	ug/m3	2.2	1.1	3.39		10/25/17 18:08	56-23-5	
Chlorobenzene	3.2 U	ug/m3	3.2	0.61	3.39		10/25/17 18:08	108-90-7	
Chloroethane	1.8 U	ug/m3	1.8	0.69	3.39		10/25/17 18:08	75-00-3	
Chloroform	1.7 U	ug/m3	1.7	0.78	3.39		10/25/17 18:08	67-66-3	
Chloromethane	7.0	ug/m3	1.4	0.45	3.39		10/25/17 18:08	74-87-3	
Cyclohexane	1.5J	ug/m3	2.4	0.77	3.39		10/25/17 18:08	110-82-7	
Dibromochloromethane	5.9 U	ug/m3	5.9	1.5	3.39		10/25/17 18:08	124-48-1	
1,2-Dibromoethane (EDB)	5.3 U	ug/m3	5.3	1.1	3.39		10/25/17 18:08	106-93-4	
1,2-Dichlorobenzene	4.1 U	ug/m3	4.1	1.1	3.39		10/25/17 18:08	95-50-1	
1,3-Dichlorobenzene	4.1 U	ug/m3	4.1	1.6	3.39		10/25/17 18:08	541-73-1	
1,4-Dichlorobenzene	4.1 U	ug/m3	4.1	0.70	3.39		10/25/17 18:08	106-46-7	
Dichlorodifluoromethane	516	ug/m3	3.4	1.4	3.39		10/25/17 18:08	75-71-8	
1,1-Dichloroethane	2.8 U	ug/m3	2.8	0.72	3.39		10/25/17 18:08	75-34-3	
1,2-Dichloroethane	1.4 U	ug/m3	1.4	0.67	3.39		10/25/17 18:08	107-06-2	
1,1-Dichloroethene	2.7 U	ug/m3	2.7	0.80	3.39		10/25/17 18:08	75-35-4	
cis-1,2-Dichloroethene	2.7 U	ug/m3	2.7	1.2	3.39		10/25/17 18:08	156-59-2	
trans-1,2-Dichloroethene	2.7 U	ug/m3	2.7	1.0	3.39		10/25/17 18:08	156-60-5	
1,2-Dichloropropane	3.2 U	ug/m3	3.2	1.0	3.39		10/25/17 18:08	78-87-5	
cis-1,3-Dichloropropene	3.1 U	ug/m3	3.1	0.83	3.39		10/25/17 18:08	10061-01-5	
trans-1,3-Dichloropropene	3.1 U	ug/m3	3.1	1.4	3.39		10/25/17 18:08	10061-02-6	
Dichlorotetrafluoroethane	4.8 U	ug/m3	4.8	1.5	3.39		10/25/17 18:08	76-14-2	
Ethanol	43.1	ug/m3	3.2	1.6	3.39		10/25/17 18:08	64-17-5	
Ethyl acetate	2.5 U	ug/m3	2.5	0.66	3.39		10/25/17 18:08	141-78-6	
Ethylbenzene	4.3	ug/m3	3.0	0.58	3.39		10/25/17 18:08	100-41-4	
4-Ethyltoluene	3.4 U	ug/m3	3.4	0.73	3.39		10/25/17 18:08	622-96-8	
n-Heptane	2.8 U	ug/m3	2.8	0.71	3.39		10/25/17 18:08	142-82-5	
Hexachloro-1,3-butadiene	7.3 U	ug/m3	7.3	2.9	3.39		10/25/17 18:08	87-68-3	
n-Hexane	5.6	ug/m3	2.4	1.1	3.39		10/25/17 18:08	110-54-3	
2-Hexanone	14.1 U	ug/m3	14.1	2.1	3.39		10/25/17 18:08	591-78-6	
Methylene Chloride	50.5	ug/m3	12.0	5.2	3.39		10/25/17 18:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	18.1	ug/m3	14.1	1.2	3.39		10/25/17 18:08	108-10-1	
Methyl-tert-butyl ether	12.4 U	ug/m3	12.4	2.3	3.39		10/25/17 18:08	1634-04-4	
Naphthalene	9.0 U	ug/m3	9.0	2.0	3.39		10/25/17 18:08	91-20-3	
2-Propanol	12.4	ug/m3	8.5	4.2	3.39		10/25/17 18:08	67-63-0	
Propylene	6.9	ug/m3	1.2	0.53	3.39		10/25/17 18:08	115-07-1	
Styrene	2.9 U	ug/m3	2.9	0.57	3.39		10/25/17 18:08	100-42-5	
1,1,2,2-Tetrachloroethane	2.4 U	ug/m3	2.4	0.98	3.39		10/25/17 18:08	79-34-5	

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ANALYTICAL RESULTS

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Sample: G-171010-RA-05 **Lab ID: 10406861005** Collected: 10/10/17 12:09 Received: 10/11/17 18:55 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15							
Tetrachloroethene	8.9	ug/m3	2.3	0.97	3.39		10/25/17 18:08	127-18-4	
Tetrahydrofuran	2.0 U	ug/m3	2.0	0.93	3.39		10/25/17 18:08	109-99-9	
Toluene	21.6	ug/m3	2.6	0.54	3.39		10/25/17 18:08	108-88-3	
1,2,4-Trichlorobenzene	12.8 U	ug/m3	12.8	3.2	3.39		10/25/17 18:08	120-82-1	
1,1,1-Trichloroethane	3.8 U	ug/m3	3.8	1.2	3.39		10/25/17 18:08	71-55-6	
1,1,2-Trichloroethane	1.9 U	ug/m3	1.9	0.76	3.39		10/25/17 18:08	79-00-5	
Trichloroethene	1.3J	ug/m3	1.9	0.91	3.39		10/25/17 18:08	79-01-6	
Trichlorofluoromethane	12.0	ug/m3	3.9	1.4	3.39		10/25/17 18:08	75-69-4	
1,1,2-Trichlorotrifluoroethane	17.1	ug/m3	5.4	1.3	3.39		10/25/17 18:08	76-13-1	
1,2,4-Trimethylbenzene	2.9J	ug/m3	3.4	0.58	3.39		10/25/17 18:08	95-63-6	
1,3,5-Trimethylbenzene	3.4 U	ug/m3	3.4	1.4	3.39		10/25/17 18:08	108-67-8	
Vinyl acetate	3.4	ug/m3	2.4	0.53	3.39		10/25/17 18:08	108-05-4	
Vinyl chloride	0.88 U	ug/m3	0.88	0.43	3.39		10/25/17 18:08	75-01-4	
m&p-Xylene	15.0	ug/m3	6.0	1.2	3.39		10/25/17 18:08	179601-23-1	
o-Xylene	5.0	ug/m3	3.0	1.3	3.39		10/25/17 18:08	95-47-6	

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QUALITY CONTROL DATA

Project: 11139422 Former Kabel Auto
Pace Project No.: 10406861

QC Batch: 504537 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10406861001, 10406861002, 10406861003, 10406861004, 10406861005

METHOD BLANK: 2742617 Matrix: Air
Associated Lab Samples: 10406861001, 10406861002, 10406861003, 10406861004, 10406861005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	1.1 U	1.1	10/25/17 09:49	
1,1,2,2-Tetrachloroethane	ug/m3	0.70 U	0.70	10/25/17 09:49	
1,1,2-Trichloroethane	ug/m3	0.55 U	0.55	10/25/17 09:49	
1,1,2-Trichlorotrifluoroethane	ug/m3	1.6 U	1.6	10/25/17 09:49	
1,1-Dichloroethane	ug/m3	0.82 U	0.82	10/25/17 09:49	
1,1-Dichloroethene	ug/m3	0.81 U	0.81	10/25/17 09:49	
1,2,4-Trichlorobenzene	ug/m3	3.8 U	3.8	10/25/17 09:49	
1,2,4-Trimethylbenzene	ug/m3	1.0 U	1.0	10/25/17 09:49	
1,2-Dibromoethane (EDB)	ug/m3	1.6 U	1.6	10/25/17 09:49	
1,2-Dichlorobenzene	ug/m3	1.2 U	1.2	10/25/17 09:49	
1,2-Dichloroethane	ug/m3	0.41 U	0.41	10/25/17 09:49	
1,2-Dichloropropane	ug/m3	0.94 U	0.94	10/25/17 09:49	
1,3,5-Trimethylbenzene	ug/m3	1.0 U	1.0	10/25/17 09:49	
1,3-Butadiene	ug/m3	0.45 U	0.45	10/25/17 09:49	
1,3-Dichlorobenzene	ug/m3	1.2 U	1.2	10/25/17 09:49	
1,4-Dichlorobenzene	ug/m3	1.2 U	1.2	10/25/17 09:49	
2-Butanone (MEK)	ug/m3	3.0 U	3.0	10/25/17 09:49	
2-Hexanone	ug/m3	4.2 U	4.2	10/25/17 09:49	
2-Propanol	ug/m3	2.5 U	2.5	10/25/17 09:49	
4-Ethyltoluene	ug/m3	1.0 U	1.0	10/25/17 09:49	
4-Methyl-2-pentanone (MIBK)	ug/m3	4.2 U	4.2	10/25/17 09:49	
Acetone	ug/m3	2.4 U	2.4	10/25/17 09:49	
Benzene	ug/m3	0.32 U	0.32	10/25/17 09:49	
Benzyl chloride	ug/m3	1.0 U	1.0	10/25/17 09:49	
Bromodichloromethane	ug/m3	1.4 U	1.4	10/25/17 09:49	
Bromoform	ug/m3	2.1 U	2.1	10/25/17 09:49	
Bromomethane	ug/m3	0.79 U	0.79	10/25/17 09:49	
Carbon disulfide	ug/m3	0.63 U	0.63	10/25/17 09:49	
Carbon tetrachloride	ug/m3	0.64 U	0.64	10/25/17 09:49	
Chlorobenzene	ug/m3	0.94 U	0.94	10/25/17 09:49	
Chloroethane	ug/m3	0.54 U	0.54	10/25/17 09:49	
Chloroform	ug/m3	0.50 U	0.50	10/25/17 09:49	
Chloromethane	ug/m3	0.42 U	0.42	10/25/17 09:49	
cis-1,2-Dichloroethene	ug/m3	0.81 U	0.81	10/25/17 09:49	
cis-1,3-Dichloropropene	ug/m3	0.92 U	0.92	10/25/17 09:49	
Cyclohexane	ug/m3	0.70 U	0.70	10/25/17 09:49	
Dibromochloromethane	ug/m3	1.7 U	1.7	10/25/17 09:49	
Dichlorodifluoromethane	ug/m3	1.0 U	1.0	10/25/17 09:49	
Dichlorotetrafluoroethane	ug/m3	1.4 U	1.4	10/25/17 09:49	
Ethanol	ug/m3	0.96 U	0.96	10/25/17 09:49	
Ethyl acetate	ug/m3	0.73 U	0.73	10/25/17 09:49	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 Former Kabel Auto
Pace Project No.: 10406861

METHOD BLANK: 2742617

Matrix: Air

Associated Lab Samples: 10406861001, 10406861002, 10406861003, 10406861004, 10406861005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	0.88 U	0.88	10/25/17 09:49	
Hexachloro-1,3-butadiene	ug/m3	2.2 U	2.2	10/25/17 09:49	
m&p-Xylene	ug/m3	1.8 U	1.8	10/25/17 09:49	
Methyl-tert-butyl ether	ug/m3	3.7 U	3.7	10/25/17 09:49	
Methylene Chloride	ug/m3	1.7J	3.5	10/25/17 09:49	
n-Heptane	ug/m3	0.83 U	0.83	10/25/17 09:49	
n-Hexane	ug/m3	0.72 U	0.72	10/25/17 09:49	
Naphthalene	ug/m3	2.7 U	2.7	10/25/17 09:49	
o-Xylene	ug/m3	0.88 U	0.88	10/25/17 09:49	
Propylene	ug/m3	0.35 U	0.35	10/25/17 09:49	
Styrene	ug/m3	0.87 U	0.87	10/25/17 09:49	
Tetrachloroethene	ug/m3	0.69 U	0.69	10/25/17 09:49	
Tetrahydrofuran	ug/m3	0.60 U	0.60	10/25/17 09:49	
Toluene	ug/m3	0.77 U	0.77	10/25/17 09:49	
trans-1,2-Dichloroethene	ug/m3	0.81 U	0.81	10/25/17 09:49	
trans-1,3-Dichloropropene	ug/m3	0.92 U	0.92	10/25/17 09:49	
Trichloroethene	ug/m3	0.55 U	0.55	10/25/17 09:49	
Trichlorofluoromethane	ug/m3	1.1 U	1.1	10/25/17 09:49	
Vinyl acetate	ug/m3	0.72 U	0.72	10/25/17 09:49	
Vinyl chloride	ug/m3	0.26 U	0.26	10/25/17 09:49	

LABORATORY CONTROL SAMPLE: 2742618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	53.6	97	70-134	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	71.4	102	70-130	
1,1,2-Trichloroethane	ug/m3	55.5	54.1	98	70-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	75.4	97	70-130	
1,1-Dichloroethane	ug/m3	41.1	40.7	99	70-130	
1,1-Dichloroethene	ug/m3	40.3	40.6	101	70-130	
1,2,4-Trichlorobenzene	ug/m3	75.4	63.9	85	60-150	
1,2,4-Trimethylbenzene	ug/m3	50	46.9	94	70-136	
1,2-Dibromoethane (EDB)	ug/m3	78.1	76.9	98	70-130	
1,2-Dichlorobenzene	ug/m3	61.1	54.9	90	70-139	
1,2-Dichloroethane	ug/m3	41.1	41.1	100	70-130	
1,2-Dichloropropane	ug/m3	47	47.4	101	70-131	
1,3,5-Trimethylbenzene	ug/m3	50	47.2	94	70-133	
1,3-Butadiene	ug/m3	22.5	21.9	97	70-130	
1,3-Dichlorobenzene	ug/m3	61.1	54.9	90	70-144	
1,4-Dichlorobenzene	ug/m3	61.1	54.4	89	70-139	
2-Butanone (MEK)	ug/m3	30	31.2	104	70-130	
2-Hexanone	ug/m3	104	105	101	70-138	
2-Propanol	ug/m3	125	116	93	70-130	
4-Ethyltoluene	ug/m3	50	47.7	96	70-135	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

LABORATORY CONTROL SAMPLE: 2742618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	104	103	99	70-130	
Acetone	ug/m3	121	106	88	64-130	
Benzene	ug/m3	32.5	31.5	97	70-130	
Benzyl chloride	ug/m3	52.6	56.7	108	70-144	
Bromodichloromethane	ug/m3	68.1	68.9	101	70-134	
Bromoform	ug/m3	105	104	99	70-150	
Bromomethane	ug/m3	39.5	34.4	87	70-130	
Carbon disulfide	ug/m3	31.6	31.1	98	70-134	
Carbon tetrachloride	ug/m3	64	66.2	104	68-150	
Chlorobenzene	ug/m3	46.8	44.0	94	70-132	
Chloroethane	ug/m3	26.8	25.5	95	70-132	
Chloroform	ug/m3	49.6	47.6	96	70-130	
Chloromethane	ug/m3	21	20.3	97	70-130	
cis-1,2-Dichloroethene	ug/m3	40.3	39.3	97	70-133	
cis-1,3-Dichloropropene	ug/m3	46.1	46.7	101	70-137	
Cyclohexane	ug/m3	35	35.0	100	70-130	
Dibromochloromethane	ug/m3	86.6	92.9	107	70-144	
Dichlorodifluoromethane	ug/m3	50.3	49.1	98	70-130	
Dichlorotetrafluoroethane	ug/m3	71	62.6	88	70-130	
Ethanol	ug/m3	91.6	88.4	96	70-136	
Ethyl acetate	ug/m3	36.6	38.1	104	70-130	
Ethylbenzene	ug/m3	44.1	42.8	97	70-134	
Hexachloro-1,3-butadiene	ug/m3	108	91.0	84	45-150	
m&p-Xylene	ug/m3	88.3	83.9	95	70-130	
Methyl-tert-butyl ether	ug/m3	91.6	87.1	95	66-148	
Methylene Chloride	ug/m3	177	164	93	67-133	
n-Heptane	ug/m3	41.6	41.7	100	70-130	
n-Hexane	ug/m3	35.8	35.4	99	67-132	
Naphthalene	ug/m3	53.3	44.0	83	53-150	
o-Xylene	ug/m3	44.1	41.9	95	70-130	
Propylene	ug/m3	17.5	18.2	104	70-135	
Styrene	ug/m3	43.3	44.7	103	70-139	
Tetrachloroethene	ug/m3	68.9	63.5	92	70-130	
Tetrahydrofuran	ug/m3	30	31.3	105	70-130	
Toluene	ug/m3	38.3	35.7	93	70-130	
trans-1,2-Dichloroethene	ug/m3	40.3	38.7	96	70-131	
trans-1,3-Dichloropropene	ug/m3	46.1	48.5	105	70-142	
Trichloroethene	ug/m3	54.6	50.2	92	70-130	
Trichlorofluoromethane	ug/m3	57.1	47.4	83	70-130	
Vinyl acetate	ug/m3	35.8	41.2	115	70-137	
Vinyl chloride	ug/m3	26	24.8	95	70-130	

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QUALITY CONTROL DATA

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

SAMPLE DUPLICATE: 2743872

Parameter	Units	10407230003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.6 U		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	1.0 U		25	
1,1,2-Trichloroethane	ug/m3	ND	0.79 U		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	2.3 U		25	
1,1-Dichloroethane	ug/m3	ND	1.2 U		25	
1,1-Dichloroethene	ug/m3	ND	1.2 U		25	
1,2,4-Trichlorobenzene	ug/m3	ND	5.4 U		25	
1,2,4-Trimethylbenzene	ug/m3	1.9	1.9	1	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	2.2 U		25	
1,2-Dichlorobenzene	ug/m3	ND	1.8 U		25	
1,2-Dichloroethane	ug/m3	ND	0.59 U		25	
1,2-Dichloropropane	ug/m3	ND	1.4 U		25	
1,3,5-Trimethylbenzene	ug/m3	ND	1.4 U		25	
1,3-Butadiene	ug/m3	ND	0.65 U		25	
1,3-Dichlorobenzene	ug/m3	ND	1.8 U		25	
1,4-Dichlorobenzene	ug/m3	ND	1.8 U		25	
2-Butanone (MEK)	ug/m3	ND	3.3J		25	
2-Hexanone	ug/m3	ND	6.0 U		25	
2-Propanol	ug/m3	481	496	3	25	
4-Ethyltoluene	ug/m3	ND	1.4 U		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	6.0 U		25	
Acetone	ug/m3	24.7	26.2	6	25	
Benzene	ug/m3	1.2	1.1	1	25	
Benzyl chloride	ug/m3	ND	1.5 U		25	
Bromodichloromethane	ug/m3	ND	2.0 U		25	
Bromoform	ug/m3	ND	3.0 U		25	
Bromomethane	ug/m3	ND	1.1 U		25	
Carbon disulfide	ug/m3	ND	0.91 U		25	
Carbon tetrachloride	ug/m3	ND	0.92 U		25	
Chlorobenzene	ug/m3	ND	1.4 U		25	
Chloroethane	ug/m3	ND	0.78 U		25	
Chloroform	ug/m3	ND	0.71 U		25	
Chloromethane	ug/m3	0.79	0.92	14	25	
cis-1,2-Dichloroethene	ug/m3	ND	1.2 U		25	
cis-1,3-Dichloropropene	ug/m3	ND	1.3 U		25	
Cyclohexane	ug/m3	ND	0.77J		25	
Dibromochloromethane	ug/m3	ND	2.5 U		25	
Dichlorodifluoromethane	ug/m3	2.1	2.0	6	25	
Dichlorotetrafluoroethane	ug/m3	ND	2.0 U		25	
Ethanol	ug/m3	1500	1600	6	25	E
Ethyl acetate	ug/m3	13.0	13.3	2	25	
Ethylbenzene	ug/m3	ND	1.3 U		25	
Hexachloro-1,3-butadiene	ug/m3	ND	3.1 U		25	
m&p-Xylene	ug/m3	ND	1.7J		25	
Methyl-tert-butyl ether	ug/m3	ND	5.3 U		25	
Methylene Chloride	ug/m3	5.2	5.3	2	25	
n-Heptane	ug/m3	ND	1.1J		25	

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QUALITY CONTROL DATA

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

SAMPLE DUPLICATE: 2743872

Parameter	Units	10407230003 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	1.5	1.5	1	25	
Naphthalene	ug/m3	ND	3.8 U		25	
o-Xylene	ug/m3	ND	0.66J		25	
Propylene	ug/m3	ND	0.50 U		25	
Styrene	ug/m3	ND	1.3 U		25	
Tetrachloroethene	ug/m3	11.2	11.2	1	25	
Tetrahydrofuran	ug/m3	ND	0.86 U		25	
Toluene	ug/m3	4.1	4.1	1	25	
trans-1,2-Dichloroethene	ug/m3	ND	1.2 U		25	
trans-1,3-Dichloropropene	ug/m3	ND	1.3 U		25	
Trichloroethene	ug/m3	ND	0.71J		25	
Trichlorofluoromethane	ug/m3	ND	1.6 U		25	
Vinyl acetate	ug/m3	ND	1.0 U		25	
Vinyl chloride	ug/m3	ND	0.37 U		25	

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QUALIFIERS

Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

E Analyte concentration exceeded the calibration range. The reported result is estimated.

IS The internal standard response is below criteria. Results may be biased high.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

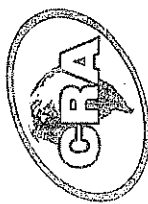
Project: 11139422 Former Kabel Auto

Pace Project No.: 10406861

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10406861001	G-171010-RA-01	TO-15	504537		
10406861002	G-171010-RA-02	TO-15	504537		
10406861003	G-171010-RA-03	TO-15	504537		
10406861004	G-171010-RA-04	TO-15	504537		
10406861005	G-171010-RA-05	TO-15	504537		

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CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

1801 Old Highway 8 Northwest, Suite 114
St. Paul, Minnesota 55112 United States
Phone: (651) 639-0913 Fax: (651) 639-0923

COC NO. SP-01571
PAGE 2 OF 3
(See Reverse Side for Instructions)

10406861

Project No/Phase/Task Code: 11139422		Lab Location: MINNEAPOLIS, MN		SSOW ID:																																																																																																																																																																																																																	
Project Name: FORMER KABEL AUTO		Lab Quote No:		Cooler No:																																																																																																																																																																																																																	
Project Location: RHINELANDER, WI		Carrier: PACE		Airbill No:																																																																																																																																																																																																																	
Chemistry Contact: GRANT ANDERSON		ANALYSIS REQUESTED (See Back of COC for Definitions)		MS/MSD Request																																																																																																																																																																																																																	
Sampler(s): R. Greid, R. Aarnot		CONTAINER QUANTITY & PRESERVATION		Date Shipped: 10/11/17																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th>Item</th> <th>SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)</th> <th>DATE (mm/dd/yyyy)</th> <th>TIME (hh:mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>S-171010-16-14</td> <td>10/11/17</td> <td>10:35</td> </tr> <tr> <td>2</td> <td>-17</td> <td>10:50</td> <td></td> </tr> <tr> <td>3</td> <td>-18</td> <td>11:15</td> <td></td> </tr> <tr> <td>4</td> <td>-19</td> <td>11:10</td> <td></td> </tr> <tr> <td>5</td> <td>-20</td> <td>11:40</td> <td></td> </tr> <tr> <td>6</td> <td>-21</td> <td>12:10</td> <td></td> </tr> <tr> <td>7</td> <td>-22</td> <td>12:05</td> <td></td> </tr> <tr> <td>9</td> <td>G-171010-PA-01</td> <td>10/11/17</td> <td>10:25</td> </tr> <tr> <td>10</td> <td>-02</td> <td>11:19</td> <td></td> </tr> <tr> <td>11</td> <td>-03</td> <td>12:05</td> <td></td> </tr> <tr> <td>12</td> <td>-04</td> <td>12:07</td> <td></td> </tr> <tr> <td>13</td> <td>-05</td> <td>12:09</td> <td></td> </tr> </tbody> </table>		Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)	DATE (mm/dd/yyyy)	TIME (hh:mm)	1	S-171010-16-14	10/11/17	10:35	2	-17	10:50		3	-18	11:15		4	-19	11:10		5	-20	11:40		6	-21	12:10		7	-22	12:05		9	G-171010-PA-01	10/11/17	10:25	10	-02	11:19		11	-03	12:05		12	-04	12:07		13	-05	12:09		<table border="1"> <thead> <tr> <th>SAMPLE TYPE</th> <th>Matrix Code</th> <th>Grab (g) or Comp (c)</th> <th>Unpreserved</th> <th>Hydrochloric Acid (HCl)</th> <th>Nitric Acid (HNO₃)</th> <th>Sulfuric Acid (H₂SO₄)</th> <th>Sodium Hydroxide (NaOH)</th> <th>Methanol/Water (Soil VOC)</th> <th>EnCores 3x5-g, 1x25-g</th> <th>Other:</th> <th>Total Containers/Sample</th> </tr> </thead> <tbody> <tr> <td>SO</td> <td>G</td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> </tr> </tbody> </table>		SAMPLE TYPE	Matrix Code	Grab (g) or Comp (c)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO ₃)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	SO	G	1	1								3			1	1								3			1	1								3			1	1								3			1	1								3			1	1								3			1	1								3			1	1								1			1	1								1			1	1								1			1	1								1			1	1								1	<p>Carrier: PACE</p> <p>NOTE: 017 SOIL VOC 018 SAMPLE 019 TIMES 020 021 022</p> <p>001 002 003 004 005</p>	
Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)	DATE (mm/dd/yyyy)	TIME (hh:mm)																																																																																																																																																																																																																		
1	S-171010-16-14	10/11/17	10:35																																																																																																																																																																																																																		
2	-17	10:50																																																																																																																																																																																																																			
3	-18	11:15																																																																																																																																																																																																																			
4	-19	11:10																																																																																																																																																																																																																			
5	-20	11:40																																																																																																																																																																																																																			
6	-21	12:10																																																																																																																																																																																																																			
7	-22	12:05																																																																																																																																																																																																																			
9	G-171010-PA-01	10/11/17	10:25																																																																																																																																																																																																																		
10	-02	11:19																																																																																																																																																																																																																			
11	-03	12:05																																																																																																																																																																																																																			
12	-04	12:07																																																																																																																																																																																																																			
13	-05	12:09																																																																																																																																																																																																																			
SAMPLE TYPE	Matrix Code	Grab (g) or Comp (c)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO ₃)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample																																																																																																																																																																																																										
SO	G	1	1								3																																																																																																																																																																																																										
		1	1								3																																																																																																																																																																																																										
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TAT Required in business days (use separate COCs for different TATs):		Total Number of Containers: 36		Notes/ Special Requirements:																																																																																																																																																																																																																	
<input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 1 Week <input checked="" type="checkbox"/> 2 Week <input type="checkbox"/> Other:		All Samples in Cooler must be on COC																																																																																																																																																																																																																			
1. Run 9/17/17 2. Run 9/17/17 3. Run 9/17/17		RECEIVED BY: 1. G. Aarnot 10:00 2. R. Greid 10:20 3. R. Aarnot 10:25		COMPANY: PACE DATE: 10/11/17 TIME: 10:00																																																																																																																																																																																																																	

Air Sample Condition Upon Receipt

Client Name: CRA

Project #:

WO# : 10406861



Courier: Fed Ex UPS Speedee Client
 Commercial Pace Other: _____

Tracking Number: _____

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No Optional: Proj. Due Date: _____ Proj. Name: _____

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

Temp. (TO17 and TO13 samples only) (°C): _____ Corrected Temp (°C): _____ Thermom. Used: 151401163 G87A9155100842
 Temp should be above freezing to 6°C Correction Factor: _____ Date & Initials of Person Examining Contents: WJSJS 10/12/17

Type of ice Received Blue Wet None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Media: <u>Air Can</u> Airbag Filter TDT Passive		11. Individually Certified Cans Y <u>N</u> (list which samples)
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.

Samples Received:					
Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID
RA-01	2480	1294			
-02	0918	1287			
-03	1002	1477			
-04	2564	1330			
-05	2066	1284			

CLIENT NOTIFICATION/RESOLUTION Field Data Required? Yes No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Jina Shari Date: 10/13/17

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



Memorandum

November 9, 2017

To: Ron Frehner, GHD

Ref. No.: 11139422

From: 
Grant Anderson/sb/1

Tel: (651) 639-0913

CC: Ryan Aamot, GHD

**Subject: Analytical Results and Reduced Data Validation
Groundwater, Soil, Soil Gas Sampling Event
Kabel Auto Site – Rhinelander, Wisconsin
October 2017**

1. Introduction

The following document details a reduced validation of analytical results for groundwater, soil, and soil gas samples collected in support of the Phase II Investigation at the Kabel Auto Site in Rhinelander, Wisconsin in October 2017. Samples were submitted to Pace Analytical Services, Inc. (Pace), located in Minneapolis, Minnesota. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Tables 2A, 2B, and 2C. A summary of the analytical methodology is presented in Table 3.

Standard GHD Services, Inc. (GHD) report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spike samples, and field QA/QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the document entitled:

- i) "National Functional Guidelines for Superfund Organic Methods Data Review,"
EPA-540-R-2016-002, September 2016

Item i) will subsequently be referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criteria and sample preservation requirements for the analyses are summarized in Table 3. The sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were analyzed within the required holding times.



All groundwater and soil samples were properly preserved and delivered on ice, and stored by the laboratory at the required temperature (0-6°C). Air samples were collected in summa canisters and delivered at room temperature.

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

Laboratory method blanks were analyzed at a minimum frequency of one per 20 investigative samples and/or one per analytical batch.

Table 4 lists chloromethane and toluene method blank detections that resulted in qualified data. Associated sample data are qualified as noted in the table.

4. Surrogate Spike Recoveries

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC) determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. With the exception of sample W-171010-RF-09, all surrogate recoveries met the above criteria. Table 5 lists the outlying surrogate recovery. Associated sample data are qualified as noted in the table.

5. Laboratory Control Sample (LCS) Analyses

LCS and/or laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS/LCSD were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS/LCSD contained all compounds of interest. With the exception of bromoform and acetone, the LCS recoveries and RPDs were within the laboratory control limits. Table 6 lists outlying LCS/LCSD recoveries. Associated sample data are qualified as noted in the table.



6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

MS/MSD analyses were performed internally by the laboratory. No project-related samples were used for the MS/MSD analyses; therefore, no assessment of matrix effects could be made.

7. Calibration Range Exceedance

The ethanol result for sample G-171010-RA-01 was reported to exceed the calibration range of the instrument. As a result, the ethanol result for sample G-171010-RA-01 was qualified as estimated (J), as noted in Table 7.

8. Field QA/QC Samples

The field QA/QC consisted of a trip blank sample.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, a trip blank sample was submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest.

9. Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the RL but greater than the MDL were qualified as estimated (J) in Tables 2A, 2B, and 2C unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the RL in Tables 2A, 2B, and 2C.

10. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Tables 2A, 2B, and 2C are acceptable with the qualifications noted herein.

Table 1

**Sample Collection and Analysis Summary
Groundwater, Soil, Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Sample Identification	Location	Depth (feet bgs)	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters	Comments
S-171009-RF-01	GP1	8	soil	10/09/2017	14:30	VOCs	
S-171009-RF-02	GP1	12	soil	10/09/2017	14:35	VOCs	
S-171009-RF-03	GP6	6	soil	10/09/2017	15:00	VOCs	
S-171009-RF-04	GP14	14	soil	10/09/2017	15:05	VOCs	
S-171009-RF-05	GP4	8	soil	10/09/2017	15:25	VOCs	
S-171009-RF-06	GP3	3	soil	10/09/2017	15:45	VOCs	
S-171009-RF-07	GP6	6	soil	10/09/2017	16:15	VOCs	
S-171009-RF-08	GP5	14	soil	10/09/2017	16:20	VOCs	
S-171009-RF-09	GP6	0-4	soil	10/09/2017	16:50	VOCs	
S-171010-RF-10	GP7	6	soil	10/10/2017	8:05	VOCs	
S-171010-RF-11	GP7	13	soil	10/10/2017	8:35	VOCs	
S-171010-RF-12	GP8	6	soil	10/10/2017	9:00	VOCs	
S-171010-RF-13	GP8	13	soil	10/10/2017	9:05	VOCs	
S-171010-RF-14	GP9	8	soil	10/10/2017	9:25	VOCs	
S-171010-RF-15	GP9	13	soil	10/10/2017	9:35	VOCs	
S-171010-RF-16	GP10	8	soil	10/10/2017	10:35	VOCs	
S-171010-RF-17	GP10	14	soil	10/10/2017	10:40	VOCs	
S-171010-RF-18	GP11	8	soil	10/10/2017	11:15	VOCs	
S-171010-RF-19	GP11	13.5	soil	10/10/2017	11:10	VOCs	
S-171010-RF-20	GP12	13.5	soil	10/10/2017	11:40	VOCs	
S-171010-RF-21	GP13	6	soil	10/10/2017	12:10	VOCs	
S-171010-RF-22	GP13	14	soil	10/10/2017	12:05	VOCs	
W-171009-RF-01	GP1	-	water	10/09/2017	13:30	VOCs	
W-171009-RF-02	GP2	-	water	10/09/2017	14:15	VOCs	
W-171009-RF-03	GP4	-	water	10/09/2017	15:00	VOCs	
W-171009-RF-04	GP5	-	water	10/09/2017	16:00	VOCs	
W-171010-RF-06	GP7	-	water	10/10/2017	8:15	VOCs	
W-171010-RF-07	GP8	-	water	10/10/2017	8:50	VOCs	
W-171010-RF-08	GP9	-	water	10/10/2017	9:00	VOCs	
W-171010-RF-09	GP10	-	water	10/10/2017	9:30	VOCs	

Table 1

**Sample Collection and Analysis Summary
Groundwater, Soil, Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Sample Identification	Location	Depth (feet bgs)	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters	Comments
W-171010-RF-10	GP11	-	water	10/10/2017	10:30	VOCs	
W-171010-RF-11	GP12	-	water	10/10/2017	11:00	VOCs	
W-171010-RF-12	GP13	-	water	10/10/2017	11:30	VOCs	
Trip Blank	Lab	-	water	10/09/2017	0:00	VOCs	Trip Blank
G-171010-RA-01	GP5	-	air	10/10/2017	10:25	VOCs	
G-171010-RA-02	GP11	-	air	10/10/2017	11:19	VOCs	
G-171010-RA-03	GP7	-	air	10/10/2017	12:05	VOCs	
G-171010-RA-04	GP8	-	air	10/10/2017	12:07	VOCs	
G-171010-RA-05	GP9	-	air	10/10/2017	12:09	VOCs	

Notes:

VOCs - Volatile Organic Compounds

**Validated Analytical Results Summary - Groundwater
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhinelander, Wisconsin
October 2017**

Location ID:	GP1	GP10	GP11	GP12	GP13	GP2	GP4
Sample Name:	W-171009-RF-01	W-171010-RF-09	W-171010-RF-10	W-171010-RF-11	W-171010-RF-12	W-171009-RF-02	W-171009-RF-03
Sample Date:	10/09/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017	10/09/2017	10/09/2017

Parameters	Unit							
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichloropropane	µg/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/L	1.0 U	425 J	1.0 U	379	159	1.0 U	2.7
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
1,3,5-Trimethylbenzene	µg/L	1.0 U	168 J	1.0 U	118	48.9	1.0 U	5.6
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-Dichloropropane	µg/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	10.4 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Phenylbutane (sec-Butylbenzene)	µg/L	0.75 J	31.1 J	1.0 U	40.2	5.4	1.0 U	1.0 U
4-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	11.1 J	20.0 U	20.0 U	12.4 J	20.0 U	9.1 J	11.1 J
Allyl chloride	µg/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Bromomethane (Methyl bromide)	µg/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

**Validated Analytical Results Summary - Groundwater
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Location ID:	GP1	GP10	GP11	GP12	GP13	GP2	GP4
Sample Name:	W-171009-RF-01	W-171010-RF-09	W-171010-RF-10	W-171010-RF-11	W-171010-RF-12	W-171009-RF-02	W-171009-RF-03
Sample Date:	10/09/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017	10/09/2017	10/09/2017

Parameters	Unit	GP1	GP10	GP11	GP12	GP13	GP2	GP4
Chlorobromomethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	10.0 U	4.7 J	7.2 J	6.5 J	2.9 J	10.0 U	10.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Cymene (p-Isopropyltoluene)	µg/L	0.65 J	85.9 J	1.0 U	43.7	17.8	1.0 U	2.3
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Dichlorofluoromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethyl ether	µg/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Ethylbenzene	µg/L	0.14 J	2.9 J	1.0 U	2.5	1.0	1.0 U	0.31 J
Hexachlorobutadiene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	9.1 J	1.0 U	17.5	1.7	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	4.0 U	1.5 J	1.2 J	1.5 J	4.0 U	4.0 U	4.0 U
N-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	16.1	1.0 U	1.0 U	1.0 U
N-Propylbenzene	µg/L	1.0 U	27.3 J	1.0 U	40.6	5.1	1.0 U	0.24 J
Naphthalene	µg/L	4.0 U	35.9 J	4.0 U	34.4	13.8	4.0 U	0.80 J
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	7.8	1.7	1.0 U	0.43 J
Tetrachloroethene	µg/L	2.7	0.60 J	1.0 U	1.0 U	1.0 U	1.5	0.52 J
Tetrahydrofuran	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Toluene	µg/L	1.0 U	0.90 J	0.21 J	0.38 J	0.38 J	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Trichloroethene	µg/L	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.28 J	0.39 J
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrchloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Xylenes (total)	µg/L	3.0 U	9.5 J	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2A

**Validated Analytical Results Summary - Groundwater
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhinelander, Wisconsin
October 2017**

Location ID:	GP5	GP7	GP8	GP9
Sample Name:	W-171009-RF-04	W-171010-RF-06	W-171010-RF-07	W-171010-RF-08
Sample Date:	10/09/2017	10/10/2017	10/10/2017	10/10/2017

Parameters	Unit				
Volatile Organic Compounds					
1,1,1,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichloropropane	µg/L	4.0 U	4.0 U	4.0 U	4.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	4.0 U	4.0 U	4.0 U	4.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	4.0 U	4.0 U	4.0 U	4.0 U
1,3,5-Trimethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2,2-Dichloropropane	µg/L	4.0 U	4.0 U	4.0 U	4.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Phenylbutane (sec-Butylbenzene)	µg/L	1.0 U	1.0 U	1.0 U	1.1
4-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	20.0 U	20.0 U	20.0 U	11.6 J
Allyl chloride	µg/L	4.0 U	4.0 U	4.0 U	4.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	4.0 U	4.0 U	4.0 U	4.0 U
Bromomethane (Methyl bromide)	µg/L	4.0 U	4.0 U	4.0 U	4.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

Table 2A

**Validated Analytical Results Summary - Groundwater
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhinelander, Wisconsin
October 2017**

Location ID:	GP5	GP7	GP8	GP9
Sample Name:	W-171009-RF-04	W-171010-RF-06	W-171010-RF-07	W-171010-RF-08
Sample Date:	10/09/2017	10/10/2017	10/10/2017	10/10/2017

Parameters	Unit				
Chlorobromomethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	10.0 U	4.4 J	9.8 J	7.2 J
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	4.0 U	4.0 U	4.0 U	4.0 U
Cymene (p-Isopropyltoluene)	µg/L	0.63 J	1.0 U	1.0 U	0.51 J
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/L	4.0 U	4.0 U	4.0 U	4.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	4.0 U	4.0 U	4.0 U	4.0 U
Dichlorofluoromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethyl ether	µg/L	4.0 U	4.0 U	4.0 U	4.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	4.0 U	4.0 U	1.4 J	1.8 J
N-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
N-Propylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/L	4.0 U	4.0 U	4.0 U	4.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	0.21 J
Tetrachloroethene	µg/L	1.1	1.0 U	1.0 U	1.0 U
Tetrahydrofuran	µg/L	10.0 U	10.0 U	10.0 U	10.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	0.25 J
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	4.0 U	4.0 U	4.0 U	4.0 U
Trichloroethene	µg/L	0.28 J	0.40 U	0.40 U	0.40 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrchloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	0.20 U	0.20 U	0.20 U	0.20 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U

Note:

U - Not detected at the associated reporting limit

J - Estimated concentration

**Validated Analytical Results Summary - Soil
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Location ID:	GP1	GP1	GP10	GP10	GP11	GP11
Sample Name:	S-171009-RF-01	S-171009-RF-02	S-171010-RF-16	S-171010-RF-17	S-171010-RF-18	S-171010-RF-19
Sample Date:	10/09/2017	10/09/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017
Depth:	8 ft	12 ft	8 ft	14 ft	8 ft	13.5 ft

Parameters**Unit****Volatile Organic Compounds**

Parameters	Unit	GP1	GP1	GP10	GP10	GP11	GP11
1,1,1,2-Tetrachloroethane	µg/kg	10.8 U	10.3 U	10.4 U	10.3 U	10.7 U	10.0 U
1,1,1-Trichloroethane	µg/kg	18.7 U	17.8 U	17.9 U	17.7 U	18.5 U	17.3 U
1,1,2,2-Tetrachloroethane	µg/kg	11.8 U	11.3 U	11.3 U	11.2 U	11.7 U	10.9 U
1,1,2-Trichloroethane	µg/kg	13.3 U	12.7 U	12.8 U	12.6 U	13.2 U	12.3 U
1,1-Dichloroethane	µg/kg	15.9 U	15.1 U	15.2 U	15.0 U	15.7 U	14.7 U
1,1-Dichloroethene	µg/kg	18.0 U	17.1 U	17.2 U	17.0 U	17.8 U	16.7 U
1,1-Dichloropropene	µg/kg	18.5 U	17.6 U	17.7 U	17.5 U	18.3 U	17.1 U
1,2,3-Trichlorobenzene	µg/kg	12.5 U	11.9 U	11.9 U	11.8 U	12.3 U	11.5 U
1,2,3-Trichloropropane	µg/kg	12.2 U	11.6 U	11.7 U	11.5 U	12.0 U	11.3 U
1,2,4-Trichlorobenzene	µg/kg	12.7 U	12.0 U	12.1 U	12.0 U	12.5 U	11.7 U
1,2,4-Trimethylbenzene	µg/kg	11.1 U	10.6 U	10.7 U	10.5 U	11.0 U	10.3 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	16.1 U	15.3 U	15.4 U	15.3 U	15.9 U	14.9 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	13.9 U	13.2 U	13.3 U	13.1 U	13.7 U	12.8 U
1,2-Dichlorobenzene	µg/kg	12.4 U	11.8 U	11.8 U	11.7 U	12.2 U	11.4 U
1,2-Dichloroethane	µg/kg	17.9 U	17.0 U	17.2 U	16.9 U	17.7 U	16.6 U
1,2-Dichloroethene (total)	µg/kg	36.6 U	34.8 U	35.0 U	34.6 U	36.2 U	33.8 U
1,2-Dichloropropane	µg/kg	11.1 U	10.5 U	10.6 U	10.5 U	10.9 U	10.2 U
1,3,5-Trimethylbenzene	µg/kg	11.5 U	11.0 U	11.0 U	10.9 U	11.4 U	10.6 U
1,3-Dichlorobenzene	µg/kg	12.5 U	11.9 U	11.9 U	11.8 U	12.3 U	11.5 U
1,3-Dichloropropane	µg/kg	11.1 U	10.6 U	10.7 U	10.5 U	11.0 U	10.3 U
1,4-Dichlorobenzene	µg/kg	11.8 U	11.2 U	11.3 U	11.2 U	11.7 U	10.9 U
2,2-Dichloropropane	µg/kg	18.4 U	17.5 U	17.6 U	17.4 U	18.2 U	17.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	16.1 U	15.3 U	15.4 U	15.3 U	15.9 U	14.9 U
2-Chlorotoluene	µg/kg	11.3 U	10.8 U	10.9 U	10.7 U	11.2 U	10.5 U
2-Phenylbutane (sec-Butylbenzene)	µg/kg	12.3 U	11.7 U	11.7 U	11.6 U	12.1 U	11.3 U
4-Chlorotoluene	µg/kg	13.2 U	12.5 U	12.6 U	12.4 U	13.0 U	12.2 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	11.3 U	10.8 U	10.8 U	10.7 U	11.2 U	10.5 U

**Validated Analytical Results Summary - Soil
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Location ID:	GP1	GP1	GP10	GP10	GP11	GP11
Sample Name:	S-171009-RF-01	S-171009-RF-02	S-171010-RF-16	S-171010-RF-17	S-171010-RF-18	S-171010-RF-19
Sample Date:	10/09/2017	10/09/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017
Depth:	8 ft	12 ft	8 ft	14 ft	8 ft	13.5 ft

Parameters	Unit						
Acetone	µg/kg	33.0 U	31.4 U	31.6 U	18.4 J	32.7 U	30.6 U
Allyl chloride	µg/kg	18.1 U	17.2 U	17.3 U	17.1 U	17.9 U	16.8 U
Benzene	µg/kg	16.3 U	15.5 U	15.6 U	15.4 U	16.1 U	15.1 U
Bromobenzene	µg/kg	12.8 U	12.2 U	12.3 U	12.1 U	12.7 U	11.8 U
Bromodichloromethane	µg/kg	11.5 U	10.9 U	11.0 U	10.9 U	11.4 U	10.6 U
Bromoform	µg/kg	14.4 U	13.7 U	13.8 U	13.7 UJ	14.3 UJ	13.3 UJ
Bromomethane (Methyl bromide)	µg/kg	26.3 U	25.1 U	25.2 U	24.9 U	26.1 U	24.4 U
Carbon tetrachloride	µg/kg	17.5 U	16.7 U	16.8 U	16.6 U	17.3 U	16.2 U
Chlorobenzene	µg/kg	12.6 U	12.0 U	12.1 U	11.9 U	12.5 U	11.7 U
Chlorobromomethane	µg/kg	19.9 U	18.9 U	19.1 U	18.8 U	19.7 U	18.4 U
Chloroethane	µg/kg	15.3 U	14.5 U	14.6 U	14.4 U	15.1 U	14.1 U
Chloroform (Trichloromethane)	µg/kg	18.3 U	17.4 U	17.5 U	17.3 U	18.1 U	16.9 U
Chloromethane (Methyl chloride)	µg/kg	14.4 U	13.7 U	13.8 U	13.7 U	14.3 U	13.4 U
cis-1,2-Dichloroethene	µg/kg	18.2 U	17.3 U	17.4 U	17.2 U	18.0 U	16.8 U
cis-1,3-Dichloropropene	µg/kg	8.7 U	8.3 U	8.3 U	8.2 U	8.6 U	8.0 U
Cymene (p-Isopropyltoluene)	µg/kg	11.3 U	10.7 U	10.8 U	10.7 U	11.2 U	10.4 U
Dibromochloromethane	µg/kg	11.2 U	10.6 U	10.7 U	10.6 U	11.1 U	10.3 U
Dibromomethane	µg/kg	14.7 U	14.0 U	14.1 U	13.9 U	14.5 U	13.6 U
Dichlorodifluoromethane (CFC-12)	µg/kg	20.9 U	19.9 U	20.0 U	19.8 U	20.7 U	19.3 U
Dichlorofluoromethane	µg/kg	17.1 U	16.3 U	16.4 U	16.2 U	16.9 U	15.8 U
Ethyl ether	µg/kg	17.0 U	16.1 U	16.2 U	16.0 U	16.8 U	15.7 U
Ethylbenzene	µg/kg	12.9 U	12.3 U	12.4 U	12.2 U	12.8 U	12.0 U
Hexachlorobutadiene	µg/kg	13.1 U	12.5 U	12.5 U	12.4 U	12.9 U	12.1 U
Isopropyl benzene	µg/kg	13.7 U	13.0 U	13.1 U	12.9 U	13.5 U	12.6 U
m&p-Xylenes	µg/kg	28.5 U	27.1 U	27.3 U	26.9 U	28.1 U	26.3 U
Methyl tert butyl ether (MTBE)	µg/kg	17.4 U	16.6 U	16.7 U	16.5 U	17.2 U	16.1 U
Methylene chloride	µg/kg	16.9 U	16.1 U	16.2 U	16.0 U	16.7 U	15.6 U
N-Butylbenzene	µg/kg	11.8 U	11.3 U	11.3 U	11.2 U	11.7 U	11.0 U

**Validated Analytical Results Summary - Soil
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Location ID:	GP1	GP1	GP10	GP10	GP11	GP11	
Sample Name:	S-171009-RF-01	S-171009-RF-02	S-171010-RF-16	S-171010-RF-17	S-171010-RF-18	S-171010-RF-19	
Sample Date:	10/09/2017	10/09/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017	
Depth:	8 ft	12 ft	8 ft	14 ft	8 ft	13.5 ft	
Parameters							
	Unit						
N-Propylbenzene	µg/kg	11.5 U	10.9 U	11.0 U	10.9 U	11.4 U	10.6 U
Naphthalene	µg/kg	11.2 U	10.6 U	10.7 U	10.6 U	11.0 U	10.3 U
o-Xylene	µg/kg	13.1 U	12.5 U	12.6 U	12.4 U	13.0 U	12.1 U
Styrene	µg/kg	14.4 U	13.7 U	13.8 U	13.6 U	14.2 U	13.3 U
tert-Butylbenzene	µg/kg	10.9 U	10.4 U	10.5 U	10.4 U	10.8 U	10.1 U
Tetrachloroethene	µg/kg	15.5 U	14.8 U	14.9 U	14.7 U	15.4 U	14.4 U
Tetrahydrofuran	µg/kg	16.2 U	15.4 U	15.5 U	15.4 U	16.0 U	15.0 U
Toluene	µg/kg	12.3 U	11.7 U	11.8 U	11.7 U	12.2 U	11.4 U
trans-1,2-Dichloroethene	µg/kg	18.4 U	17.5 U	17.7 U	17.4 U	18.2 U	17.0 U
trans-1,3-Dichloropropene	µg/kg	8.3 U	7.9 U	7.9 U	7.9 U	8.2 U	7.7 U
Trichloroethene	µg/kg	12.1 U	11.5 U	11.6 U	11.5 U	12.0 U	11.2 U
Trichlorofluoromethane (CFC-11)	µg/kg	20.3 U	19.3 U	19.4 U	19.2 U	20.1 U	18.8 U
Trifluorotrchloroethane (CFC-113)	µg/kg	22.4 U	21.3 U	21.5 U	21.2 U	22.2 U	20.7 U
Vinyl chloride	µg/kg	15.8 U	15.0 U	15.1 U	14.9 U	15.6 U	14.6 U
Xylenes (total)	µg/kg	41.6 U	39.6 U	39.8 U	39.3 U	41.1 U	38.4 U
General Chemistry							
Percent moisture	%	5.0	3.8	3.1	2.8	4.7	2.3

**Validated Analytical Results Summary - Soil
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Location ID:	GP12	GP13	GP13	GP14	GP3	GP4
Sample Name:	S-171010-RF-20	S-171010-RF-21	S-171010-RF-22	S-171009-RF-04	S-171009-RF-06	S-171009-RF-05
Sample Date:	10/10/2017	10/10/2017	10/10/2017	10/09/2017	10/09/2017	10/09/2017
Depth:	13.5 ft	6 ft	14 ft	14 ft	3 ft	8 ft

Parameters**Unit****Volatile Organic Compounds**

Parameters	Unit	GP12	GP13	GP13	GP14	GP3	GP4
1,1,1,2-Tetrachloroethane	µg/kg	10.8 U	10.4 U	68.7 U	11.0 U	11.2 U	10.3 U
1,1,1-Trichloroethane	µg/kg	18.6 U	17.9 U	68.7 U	18.9 U	19.3 U	17.7 U
1,1,2,2-Tetrachloroethane	µg/kg	11.7 U	11.3 U	68.7 U	12.0 U	12.2 U	11.2 U
1,1,2-Trichloroethane	µg/kg	13.2 U	12.7 U	68.7 U	13.5 U	13.8 U	12.6 U
1,1-Dichloroethane	µg/kg	15.7 U	15.2 U	68.7 U	16.1 U	16.4 U	15.1 U
1,1-Dichloroethene	µg/kg	17.8 U	17.2 U	68.7 U	18.2 U	18.6 U	17.1 U
1,1-Dichloropropene	µg/kg	18.3 U	17.6 U	68.7 U	18.7 U	19.1 U	17.5 U
1,2,3-Trichlorobenzene	µg/kg	12.3 U	11.9 U	68.7 U	12.6 U	12.9 U	11.8 U
1,2,3-Trichloropropane	µg/kg	12.1 U	11.6 U	68.7 U	12.3 U	12.6 U	11.5 U
1,2,4-Trichlorobenzene	µg/kg	12.5 U	12.1 U	286 U	12.8 U	13.1 U	12.0 U
1,2,4-Trimethylbenzene	µg/kg	11.1 U	10.6 U	68.7 U	11.3 U	11.5 U	10.6 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	16.0 U	15.4 U	286 U	16.3 U	16.6 U	15.3 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	13.8 U	13.2 U	68.7 U	14.0 U	14.3 U	13.2 U
1,2-Dichlorobenzene	µg/kg	12.2 U	11.8 U	68.7 U	12.5 U	12.7 U	11.7 U
1,2-Dichloroethane	µg/kg	17.7 U	17.1 U	68.7 U	18.1 U	18.5 U	17.0 U
1,2-Dichloroethene (total)	µg/kg	36.3 U	34.9 U	137 U	37.0 U	37.8 U	34.7 U
1,2-Dichloropropane	µg/kg	11.0 U	10.6 U	68.7 U	11.2 U	11.4 U	10.5 U
1,3,5-Trimethylbenzene	µg/kg	11.4 U	11.0 U	68.7 U	11.6 U	11.9 U	10.9 U
1,3-Dichlorobenzene	µg/kg	12.3 U	11.9 U	68.7 U	12.6 U	12.9 U	11.8 U
1,3-Dichloropropane	µg/kg	11.1 U	10.6 U	68.7 U	11.3 U	11.5 U	10.6 U
1,4-Dichlorobenzene	µg/kg	11.7 U	11.3 U	68.7 U	11.9 U	12.2 U	11.2 U
2,2-Dichloropropane	µg/kg	18.2 U	17.5 U	68.7 U	18.6 U	19.0 U	17.4 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	16.0 U	15.4 U	286 U	16.3 U	16.6 U	15.3 U
2-Chlorotoluene	µg/kg	11.2 U	10.8 U	68.7 U	11.5 U	11.7 U	10.7 U
2-Phenylbutane (sec-Butylbenzene)	µg/kg	12.1 U	11.7 U	68.7 U	12.4 U	12.7 U	11.6 U
4-Chlorotoluene	µg/kg	13.0 U	12.6 U	68.7 U	13.3 U	13.6 U	12.5 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	11.2 U	10.8 U	286 U	11.4 U	11.7 U	10.7 U

**Validated Analytical Results Summary - Soil
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Location ID:	GP12	GP13	GP13	GP14	GP3	GP4
Sample Name:	S-171010-RF-20	S-171010-RF-21	S-171010-RF-22	S-171009-RF-04	S-171009-RF-06	S-171009-RF-05
Sample Date:	10/10/2017	10/10/2017	10/10/2017	10/09/2017	10/09/2017	10/09/2017
Depth:	13.5 ft	6 ft	14 ft	14 ft	3 ft	8 ft

Parameters	Unit	GP12	GP13	GP13	GP14	GP3	GP4
Acetone	µg/kg	32.7 U	31.5 U	286 U	33.4 U	34.1 U	31.3 U
Allyl chloride	µg/kg	18.0 U	17.3 U	286 U	18.3 U	18.7 U	17.2 U
Benzene	µg/kg	16.1 U	15.5 U	68.7 U	16.5 U	16.8 U	15.4 U
Bromobenzene	µg/kg	12.7 U	12.2 U	68.7 U	12.9 U	13.2 U	12.1 U
Bromodichloromethane	µg/kg	11.4 U	11.0 U	68.7 U	11.6 U	11.9 U	10.9 U
Bromoform	µg/kg	14.3 UJ	13.8 UJ	68.7 U	14.6 U	14.9 U	13.7 U
Bromomethane (Methyl bromide)	µg/kg	26.1 U	25.1 U	286 U	26.6 U	27.2 U	25.0 U
Carbon tetrachloride	µg/kg	17.4 U	16.7 U	68.7 U	17.7 U	18.1 U	16.6 U
Chlorobenzene	µg/kg	12.5 U	12.0 U	68.7 U	12.7 U	13.0 U	11.9 U
Chlorobromomethane	µg/kg	19.7 U	19.0 U	68.7 U	20.1 U	20.5 U	18.8 U
Chloroethane	µg/kg	15.1 U	14.6 U	286 U	15.4 U	15.7 U	14.5 U
Chloroform (Trichloromethane)	µg/kg	18.2 U	17.5 U	286 U	18.5 U	18.9 U	17.4 U
Chloromethane (Methyl chloride)	µg/kg	14.3 U	13.8 U	68.7 U	14.6 U	14.9 U	13.7 U
cis-1,2-Dichloroethene	µg/kg	18.0 U	17.3 U	68.7 U	18.3 U	18.7 U	17.2 U
cis-1,3-Dichloropropene	µg/kg	8.6 U	8.3 U	68.7 U	8.8 U	9.0 U	8.2 U
Cymene (p-Isopropyltoluene)	µg/kg	11.2 U	10.8 U	68.7 U	11.4 U	11.7 U	10.7 U
Dibromochloromethane	µg/kg	11.1 U	10.7 U	68.7 U	11.3 U	11.5 U	10.6 U
Dibromomethane	µg/kg	14.6 U	14.0 U	68.7 U	14.8 U	15.2 U	13.9 U
Dichlorodifluoromethane (CFC-12)	µg/kg	20.7 U	19.9 U	68.7 U	21.1 U	21.6 U	19.8 U
Dichlorofluoromethane	µg/kg	16.9 U	16.3 U	68.7 U	17.3 U	17.6 U	16.2 U
Ethyl ether	µg/kg	16.8 U	16.2 U	68.7 U	17.1 U	17.5 U	16.1 U
Ethylbenzene	µg/kg	12.8 U	12.3 U	68.7 U	13.1 U	13.4 U	12.3 U
Hexachlorobutadiene	µg/kg	13.0 U	12.5 U	68.7 U	13.2 U	13.5 U	12.4 U
Isopropyl benzene	µg/kg	13.6 U	13.1 U	68.7 U	13.8 U	14.1 U	13.0 U
m&p-Xylenes	µg/kg	28.2 U	27.2 U	137 U	28.8 U	29.4 U	27.0 U
Methyl tert butyl ether (MTBE)	µg/kg	17.3 U	16.6 U	68.7 U	17.6 U	18.0 U	16.5 U
Methylene chloride	µg/kg	16.8 U	16.1 U	68.7 U	17.1 U	17.5 U	16.0 U
N-Butylbenzene	µg/kg	11.7 U	11.3 U	68.7 U	12.0 U	12.2 U	11.2 U

**Validated Analytical Results Summary - Soil
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Location ID:	GP12	GP13	GP13	GP14	GP3	GP4	
Sample Name:	S-171010-RF-20	S-171010-RF-21	S-171010-RF-22	S-171009-RF-04	S-171009-RF-06	S-171009-RF-05	
Sample Date:	10/10/2017	10/10/2017	10/10/2017	10/09/2017	10/09/2017	10/09/2017	
Depth:	13.5 ft	6 ft	14 ft	14 ft	3 ft	8 ft	
Parameters	Unit						
N-Propylbenzene	µg/kg	11.4 U	11.0 U	68.7 U	11.6 U	11.9 U	10.9 U
Naphthalene	µg/kg	11.1 U	10.7 U	286 U	11.3 U	11.5 U	10.6 U
o-Xylene	µg/kg	13.0 U	12.5 U	68.7 U	13.3 U	13.5 U	12.4 U
Styrene	µg/kg	14.2 U	13.7 U	68.7 U	14.5 U	14.8 U	13.6 U
tert-Butylbenzene	µg/kg	10.8 U	10.4 U	68.7 U	11.1 U	11.3 U	10.4 U
Tetrachloroethene	µg/kg	15.4 U	14.8 U	68.7 U	15.7 U	16.0 U	14.7 U
Tetrahydrofuran	µg/kg	16.1 U	15.5 U	286 U	16.4 U	16.7 U	15.4 U
Toluene	µg/kg	12.2 U	11.8 U	68.7 U	12.5 U	12.7 U	11.7 U
trans-1,2-Dichloroethene	µg/kg	18.3 U	17.6 U	68.7 U	18.6 U	19.0 U	17.5 U
trans-1,3-Dichloropropene	µg/kg	8.2 U	7.9 U	68.7 U	8.4 U	8.6 U	7.9 U
Trichloroethene	µg/kg	12.0 U	11.6 U	68.7 U	12.2 U	12.5 U	11.5 U
Trichlorofluoromethane (CFC-11)	µg/kg	20.1 U	19.3 U	68.7 U	20.5 U	20.9 U	19.2 U
Trifluorotrchloroethane (CFC-113)	µg/kg	22.2 U	21.4 U	68.7 U	22.7 U	23.1 U	21.2 U
Vinyl chloride	µg/kg	15.6 U	15.0 U	68.7 U	15.9 U	16.3 U	14.9 U
Xylenes (total)	µg/kg	41.2 U	39.7 U	206 U	42.0 U	42.9 U	39.4 U
General Chemistry							
Percent moisture	%	5.1	6.0	6.0	4.7	7.2	5.3

**Validated Analytical Results Summary - Soil
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Location ID:	GP5	GP6	GP6	GP6	GP7	GP7
Sample Name:	S-171009-RF-08	S-171009-RF-03	S-171009-RF-07	S-171009-RF-09	S-171010-RF-10	S-171010-RF-11
Sample Date:	10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/10/2017	10/10/2017
Depth:	14 ft	6 ft	6 ft	0-4 ft	6 ft	13 ft

Parameters	Unit						
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	µg/kg	10.2 U	10.3 U	10.8 U	10.3 U	10.2 U	10.3 U
1,1,1-Trichloroethane	µg/kg	17.6 U	17.8 U	18.7 U	17.7 U	17.6 U	17.8 U
1,1,2,2-Tetrachloroethane	µg/kg	11.2 U	11.2 U	11.8 U	11.2 U	11.1 U	11.3 U
1,1,2-Trichloroethane	µg/kg	12.6 U	12.7 U	13.3 U	12.6 U	12.5 U	12.7 U
1,1-Dichloroethane	µg/kg	15.0 U	15.1 U	15.8 U	15.0 U	14.9 U	15.1 U
1,1-Dichloroethene	µg/kg	17.0 U	17.1 U	18.0 U	17.0 U	16.9 U	17.2 U
1,1-Dichloropropene	µg/kg	17.4 U	17.5 U	18.4 U	17.5 U	17.3 U	17.6 U
1,2,3-Trichlorobenzene	µg/kg	11.7 U	11.8 U	12.4 U	11.8 U	11.7 U	11.9 U
1,2,3-Trichloropropane	µg/kg	11.5 U	11.6 U	12.1 U	11.5 U	11.4 U	11.6 U
1,2,4-Trichlorobenzene	µg/kg	11.9 U	12.0 U	12.6 U	12.0 U	11.9 U	12.1 U
1,2,4-Trimethylbenzene	µg/kg	10.5 U	10.6 U	11.1 U	10.5 U	10.5 U	10.6 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	15.2 U	15.3 U	16.1 U	15.3 U	15.1 U	15.4 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	13.1 U	13.2 U	13.9 U	13.1 U	13.0 U	13.2 U
1,2-Dichlorobenzene	µg/kg	11.6 U	11.7 U	12.3 U	11.7 U	11.6 U	11.8 U
1,2-Dichloroethane	µg/kg	16.9 U	17.0 U	17.9 U	16.9 U	16.8 U	17.1 U
1,2-Dichloroethene (total)	µg/kg	34.5 U	34.8 U	36.5 U	34.6 U	34.3 U	34.9 U
1,2-Dichloropropane	µg/kg	10.4 U	10.5 U	11.0 U	10.5 U	10.4 U	10.5 U
1,3,5-Trimethylbenzene	µg/kg	10.9 U	10.9 U	11.5 U	10.9 U	10.8 U	11.0 U
1,3-Dichlorobenzene	µg/kg	11.7 U	11.8 U	12.4 U	11.8 U	11.7 U	11.9 U
1,3-Dichloropropane	µg/kg	10.5 U	10.6 U	11.1 U	10.5 U	10.5 U	10.6 U
1,4-Dichlorobenzene	µg/kg	11.1 U	11.2 U	11.8 U	11.2 U	11.1 U	11.2 U
2,2-Dichloropropane	µg/kg	17.3 U	17.5 U	18.3 U	17.4 U	17.3 U	17.5 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	15.2 U	15.3 U	16.1 U	15.3 U	15.1 U	15.4 U
2-Chlorotoluene	µg/kg	10.7 U	10.8 U	11.3 U	10.7 U	10.6 U	10.8 U
2-Phenylbutane (sec-Butylbenzene)	µg/kg	11.6 U	11.6 U	12.2 U	11.6 U	11.5 U	11.7 U
4-Chlorotoluene	µg/kg	12.4 U	12.5 U	13.1 U	12.5 U	12.4 U	12.5 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	10.7 U	10.7 U	11.3 U	10.7 U	10.6 U	10.8 U

**Validated Analytical Results Summary - Soil
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Location ID:	GP5	GP6	GP6	GP6	GP7	GP7
Sample Name:	S-171009-RF-08	S-171009-RF-03	S-171009-RF-07	S-171009-RF-09	S-171010-RF-10	S-171010-RF-11
Sample Date:	10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/10/2017	10/10/2017
Depth:	14 ft	6 ft	6 ft	0-4 ft	6 ft	13 ft

Parameters	Unit						
Acetone	µg/kg	31.1 U	31.4 U	33.0 U	31.3 U	31.0 U	31.5 U
Allyl chloride	µg/kg	17.1 U	17.2 U	18.1 U	17.1 U	17.0 U	17.3 U
Benzene	µg/kg	15.4 U	15.5 U	16.2 U	15.4 U	15.3 U	15.5 U
Bromobenzene	µg/kg	12.1 U	12.2 U	12.8 U	12.1 U	12.0 U	12.2 U
Bromodichloromethane	µg/kg	10.8 U	10.9 U	11.5 U	10.9 U	10.8 U	11.0 U
Bromoform	µg/kg	13.6 U	13.7 U	14.4 U	13.7 U	13.6 U	13.8 U
Bromomethane (Methyl bromide)	µg/kg	24.8 U	25.0 U	26.3 U	24.9 U	24.7 U	25.1 U
Carbon tetrachloride	µg/kg	16.5 U	16.6 U	17.5 U	16.6 U	16.4 U	16.7 U
Chlorobenzene	µg/kg	11.9 U	12.0 U	12.6 U	11.9 U	11.8 U	12.0 U
Chlorobromomethane	µg/kg	18.8 U	18.9 U	19.8 U	18.8 U	18.7 U	19.0 U
Chloroethane	µg/kg	14.4 U	14.5 U	15.2 U	14.4 U	14.3 U	14.5 U
Chloroform (Trichloromethane)	µg/kg	17.3 U	17.4 U	18.3 U	17.3 U	17.2 U	17.5 U
Chloromethane (Methyl chloride)	µg/kg	13.6 U	13.7 U	14.4 U	13.7 U	13.6 U	13.8 U
cis-1,2-Dichloroethene	µg/kg	17.1 U	17.2 U	18.1 U	17.2 U	17.0 U	17.3 U
cis-1,3-Dichloropropene	µg/kg	8.2 U	8.3 U	8.7 U	8.2 U	8.2 U	8.3 U
Cymene (p-Isopropyltoluene)	µg/kg	10.6 U	10.7 U	11.3 U	10.7 U	10.6 U	10.8 U
Dibromochloromethane	µg/kg	10.5 U	10.6 U	11.2 U	10.6 U	10.5 U	10.7 U
Dibromomethane	µg/kg	13.8 U	13.9 U	14.6 U	13.9 U	13.8 U	14.0 U
Dichlorodifluoromethane (CFC-12)	µg/kg	19.7 U	19.8 U	20.8 U	19.8 U	19.6 U	19.9 U
Dichlorofluoromethane	µg/kg	16.1 U	16.2 U	17.1 U	16.2 U	16.1 U	16.3 U
Ethyl ether	µg/kg	16.0 U	16.1 U	16.9 U	16.0 U	15.9 U	16.2 U
Ethylbenzene	µg/kg	12.2 U	12.3 U	12.9 U	12.2 U	12.1 U	12.3 U
Hexachlorobutadiene	µg/kg	12.3 U	12.4 U	13.1 U	12.4 U	12.3 U	12.5 U
Isopropyl benzene	µg/kg	12.9 U	13.0 U	13.6 U	12.9 U	12.8 U	13.0 U
m&p-Xylenes	µg/kg	26.8 U	27.0 U	28.4 U	26.9 U	26.7 U	27.1 U
Methyl tert butyl ether (MTBE)	µg/kg	16.4 U	16.6 U	17.4 U	16.5 U	16.4 U	16.6 U
Methylene chloride	µg/kg	15.9 U	16.1 U	16.9 U	16.0 U	15.9 U	16.1 U
N-Butylbenzene	µg/kg	11.2 U	11.2 U	11.8 U	11.2 U	11.1 U	11.3 U

**Validated Analytical Results Summary - Soil
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Location ID:	GP5	GP6	GP6	GP6	GP7	GP7
Sample Name:	S-171009-RF-08	S-171009-RF-03	S-171009-RF-07	S-171009-RF-09	S-171010-RF-10	S-171010-RF-11
Sample Date:	10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/10/2017	10/10/2017
Depth:	14 ft	6 ft	6 ft	0-4 ft	6 ft	13 ft

Parameters	Unit						
N-Propylbenzene	µg/kg	10.8 U	10.9 U	11.5 U	10.9 U	10.8 U	11.0 U
Naphthalene	µg/kg	10.5 U	10.6 U	11.1 U	10.6 U	10.5 U	10.6 U
o-Xylene	µg/kg	12.4 U	12.5 U	13.1 U	12.4 U	12.3 U	12.5 U
Styrene	µg/kg	13.5 U	13.6 U	14.3 U	13.6 U	13.5 U	13.7 U
tert-Butylbenzene	µg/kg	10.3 U	10.4 U	10.9 U	10.4 U	10.3 U	10.4 U
Tetrachloroethene	µg/kg	14.6 U	14.7 U	15.5 U	14.7 U	14.6 U	14.8 U
Tetrahydrofuran	µg/kg	15.3 U	15.4 U	16.2 U	15.4 U	15.2 U	15.5 U
Toluene	µg/kg	11.6 U	11.7 U	12.3 U	11.7 U	11.6 U	11.8 U
trans-1,2-Dichloroethene	µg/kg	17.4 U	17.5 U	18.4 U	17.4 U	17.3 U	17.6 U
trans-1,3-Dichloropropene	µg/kg	7.8 U	7.9 U	8.3 U	7.9 U	7.8 U	7.9 U
Trichloroethene	µg/kg	11.4 U	11.5 U	12.1 U	11.5 U	11.4 U	11.5 U
Trichlorofluoromethane (CFC-11)	µg/kg	19.1 U	19.3 U	20.2 U	19.2 U	19.0 U	19.3 U
Trifluorotrchloroethane (CFC-113)	µg/kg	21.1 U	21.3 U	22.4 U	21.2 U	21.1 U	21.4 U
Vinyl chloride	µg/kg	14.9 U	15.0 U	15.7 U	14.9 U	14.8 U	15.0 U
Xylenes (total)	µg/kg	39.2 U	39.5 U	41.5 U	39.3 U	39.0 U	39.6 U
General Chemistry							
Percent moisture	%	4.5	6.3	8.2	4.9	3.6	5.2

**Validated Analytical Results Summary - Soil
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhinelander, Wisconsin
October 2017**

Location ID:	GP8	GP8	GP9	GP9
Sample Name:	S-171010-RF-12	S-171010-RF-13	S-171010-RF-14	S-171010-RF-15
Sample Date:	10/10/2017	10/10/2017	10/10/2017	10/10/2017
Depth:	6 ft	13 ft	8 ft	13 ft

Parameters	Unit				
Volatile Organic Compounds					
1,1,1,2-Tetrachloroethane	µg/kg	10.8 U	10.6 U	10.4 U	10.8 U
1,1,1-Trichloroethane	µg/kg	18.7 U	18.3 U	18.0 U	18.6 U
1,1,2,2-Tetrachloroethane	µg/kg	11.8 U	11.5 U	11.4 U	11.7 U
1,1,2-Trichloroethane	µg/kg	13.3 U	13.0 U	12.8 U	13.2 U
1,1-Dichloroethane	µg/kg	15.9 U	15.5 U	15.3 U	15.7 U
1,1-Dichloroethene	µg/kg	18.0 U	17.6 U	17.3 U	17.8 U
1,1-Dichloropropene	µg/kg	18.5 U	18.0 U	17.7 U	18.3 U
1,2,3-Trichlorobenzene	µg/kg	12.4 U	12.2 U	12.0 U	12.3 U
1,2,3-Trichloropropane	µg/kg	12.2 U	11.9 U	11.7 U	12.1 U
1,2,4-Trichlorobenzene	µg/kg	12.6 U	12.3 U	12.2 U	12.5 U
1,2,4-Trimethylbenzene	µg/kg	11.1 U	10.9 U	10.7 U	11.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	16.1 U	15.7 U	15.5 U	16.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	13.9 U	13.5 U	13.3 U	13.8 U
1,2-Dichlorobenzene	µg/kg	12.3 U	12.0 U	11.9 U	12.2 U
1,2-Dichloroethane	µg/kg	17.9 U	17.5 U	17.2 U	17.7 U
1,2-Dichloroethene (total)	µg/kg	36.6 U	35.7 U	35.2 U	36.3 U
1,2-Dichloropropane	µg/kg	11.1 U	10.8 U	10.6 U	11.0 U
1,3,5-Trimethylbenzene	µg/kg	11.5 U	11.2 U	11.1 U	11.4 U
1,3-Dichlorobenzene	µg/kg	12.4 U	12.2 U	12.0 U	12.3 U
1,3-Dichloropropane	µg/kg	11.1 U	10.9 U	10.7 U	11.0 U
1,4-Dichlorobenzene	µg/kg	11.8 U	11.5 U	11.3 U	11.7 U
2,2-Dichloropropane	µg/kg	18.4 U	17.9 U	17.7 U	18.2 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	16.1 U	15.7 U	15.5 U	16.0 U
2-Chlorotoluene	µg/kg	11.3 U	11.1 U	10.9 U	11.2 U
2-Phenylbutane (sec-Butylbenzene)	µg/kg	12.2 U	12.0 U	11.8 U	12.1 U
4-Chlorotoluene	µg/kg	13.1 U	12.8 U	12.6 U	13.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	11.3 U	11.0 U	10.9 U	11.2 U

**Validated Analytical Results Summary - Soil
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Location ID:	GP8	GP8	GP9	GP9
Sample Name:	S-171010-RF-12	S-171010-RF-13	S-171010-RF-14	S-171010-RF-15
Sample Date:	10/10/2017	10/10/2017	10/10/2017	10/10/2017
Depth:	6 ft	13 ft	8 ft	13 ft

Parameters	Unit				
Acetone	µg/kg	33.0 U	32.2 U	31.7 U	32.7 U
Allyl chloride	µg/kg	18.1 U	17.7 U	17.4 U	17.9 U
Benzene	µg/kg	16.3 U	15.9 U	15.6 U	16.1 U
Bromobenzene	µg/kg	12.8 U	12.5 U	12.3 U	12.7 U
Bromodichloromethane	µg/kg	11.5 U	11.2 U	11.1 U	11.4 U
Bromoform	µg/kg	14.4 U	14.1 U	13.9 U	14.3 U
Bromomethane (Methyl bromide)	µg/kg	26.3 U	25.7 U	25.3 U	26.1 U
Carbon tetrachloride	µg/kg	17.5 U	17.1 U	16.8 U	17.4 U
Chlorobenzene	µg/kg	12.6 U	12.3 U	12.1 U	12.5 U
Chlorobromomethane	µg/kg	19.9 U	19.4 U	19.1 U	19.7 U
Chloroethane	µg/kg	15.2 U	14.9 U	14.7 U	15.1 U
Chloroform (Trichloromethane)	µg/kg	18.3 U	17.9 U	17.6 U	18.2 U
Chloromethane (Methyl chloride)	µg/kg	14.4 U	14.1 U	13.9 U	14.3 U
cis-1,2-Dichloroethene	µg/kg	18.1 U	17.7 U	17.4 U	18.0 U
cis-1,3-Dichloropropene	µg/kg	8.7 U	8.5 U	8.4 U	8.6 U
Cymene (p-Isopropyltoluene)	µg/kg	11.3 U	11.0 U	10.9 U	11.2 U
Dibromochloromethane	µg/kg	11.2 U	10.9 U	10.7 U	11.1 U
Dibromomethane	µg/kg	14.7 U	14.3 U	14.1 U	14.5 U
Dichlorodifluoromethane (CFC-12)	µg/kg	20.9 U	20.4 U	20.1 U	20.7 U
Dichlorofluoromethane	µg/kg	17.1 U	16.7 U	16.4 U	16.9 U
Ethyl ether	µg/kg	16.9 U	16.5 U	16.3 U	16.8 U
Ethylbenzene	µg/kg	12.9 U	12.6 U	12.4 U	12.8 U
Hexachlorobutadiene	µg/kg	13.1 U	12.8 U	12.6 U	13.0 U
Isopropyl benzene	µg/kg	13.7 U	13.3 U	13.1 U	13.6 U
m&p-Xylenes	µg/kg	28.4 U	27.8 U	27.3 U	28.2 U
Methyl tert butyl ether (MTBE)	µg/kg	17.4 U	17.0 U	16.8 U	17.3 U
Methylene chloride	µg/kg	16.9 U	16.5 U	16.2 U	16.8 U
N-Butylbenzene	µg/kg	11.8 U	11.6 U	11.4 U	11.7 U

**Validated Analytical Results Summary - Soil
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhinelander, Wisconsin
October 2017**

Location ID:	GP8	GP8	GP9	GP9
Sample Name:	S-171010-RF-12	S-171010-RF-13	S-171010-RF-14	S-171010-RF-15
Sample Date:	10/10/2017	10/10/2017	10/10/2017	10/10/2017
Depth:	6 ft	13 ft	8 ft	13 ft

Parameters	Unit				
N-Propylbenzene	µg/kg	11.5 U	11.2 U	11.1 U	11.4 U
Naphthalene	µg/kg	11.2 U	10.9 U	10.7 U	11.1 U
o-Xylene	µg/kg	13.1 U	12.8 U	12.6 U	13.0 U
Styrene	µg/kg	14.4 U	14.0 U	13.8 U	14.2 U
tert-Butylbenzene	µg/kg	10.9 U	10.7 U	10.5 U	10.8 U
Tetrachloroethene	µg/kg	15.5 U	15.1 U	14.9 U	15.4 U
Tetrahydrofuran	µg/kg	16.2 U	15.8 U	15.6 U	16.1 U
Toluene	µg/kg	12.3 U	12.0 U	11.9 U	12.2 U
trans-1,2-Dichloroethene	µg/kg	18.4 U	18.0 U	17.7 U	18.3 U
trans-1,3-Dichloropropene	µg/kg	8.3 U	8.1 U	8.0 U	8.2 U
Trichloroethene	µg/kg	12.1 U	11.8 U	11.6 U	12.0 U
Trichlorofluoromethane (CFC-11)	µg/kg	20.3 U	19.8 U	19.5 U	20.1 U
Trifluorotrchloroethane (CFC-113)	µg/kg	22.4 U	21.9 U	21.5 U	22.2 U
Vinyl chloride	µg/kg	15.7 U	15.4 U	15.1 U	15.6 U
Xylenes (total)	µg/kg	41.5 U	40.6 U	39.9 U	41.2 U
General Chemistry					
Percent moisture	%	4.4	5.4	4.3	4.9

Note:

- U - Not detected at the associated reporting limit
- J - Estimated concentration
- UJ - Estimated reporting limit

Table 2C

**Validated Analytical Results Summary - Soil Gas
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Location ID:	GP11	GP5	GP7	GP8	GP9	
Sample Name:	G-171010-RA-02	G-171010-RA-01	G-171010-RA-03	G-171010-RA-04	G-171010-RA-05	
Sample Date:	10/10/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017	
Parameters	Unit					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/m3	13.6	7.9	2.2 U	3.6 U	3.8 U
1,1,2,2-Tetrachloroethane	µg/m3	1.3 U	2.2 U	1.4 U	2.3 U	2.4 U
1,1,2-Trichloroethane	µg/m3	0.99 U	1.7 U	1.1 U	1.8 U	1.9 U
1,1-Dichloroethane	µg/m3	1.5 U	2.6 U	1.6 U	2.7 U	2.8 U
1,1-Dichloroethene	µg/m3	1.5 U	2.5 U	1.6 U	2.6 U	2.7 U
1,2,4-Trichlorobenzene	µg/m3	6.8 U	11.8 U	7.3 U	12.3 U	12.8 U
1,2,4-Trimethylbenzene	µg/m3	2.2	2.6 J	1.5 J	2.9 J	2.9 J
1,2-Dibromoethane (Ethylene dibromide)	µg/m3	2.8 U	4.9 U	3.0 U	5.1 U	5.3 U
1,2-Dichlorobenzene	µg/m3	2.2 U	3.8 U	2.4 U	4.0 U	4.1 U
1,2-Dichloroethane	µg/m3	0.74 U	1.3 U	0.80 U	1.3 U	1.4 U
1,2-Dichloropropane	µg/m3	1.7 U	3.0 U	1.8 U	3.1 U	3.2 U
1,2-Dichlorotetrafluoroethane (CFC 114)	µg/m3	2.6 U	4.5 U	2.8 U	4.6 U	4.8 U
1,3,5-Trimethylbenzene	µg/m3	1.8 U	3.1 U	1.9 U	3.3 U	3.4 U
1,3-Butadiene	µg/m3	0.81 U	1.4 U	0.87 U	1.5 U	1.5 U
1,3-Dichlorobenzene	µg/m3	2.2 U	3.8 U	2.4 U	4.0 U	4.1 U
1,4-Dichlorobenzene	µg/m3	2.2 U	3.8 U	2.4 U	4.0 U	4.1 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/m3	18.1	49.1	5.9	42.8	28.9
2-Hexanone	µg/m3	7.5 U	13.1 U	8.1 U	7.8 J	14.1 U
4-Ethyl toluene	µg/m3	1.8 U	3.1 U	1.9 U	3.3 U	3.4 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/m3	4.2 J	8.8 J	8.1 U	10.8 J	18.1
Acetone	µg/m3	72.0	738	105	105	77.9
Benzene	µg/m3	4.3	2.0	2.4	3.6	4.8
Benzyl chloride	µg/m3	1.9 U	3.3 U	2.0 U	3.4 U	3.6 U
Bromodichloromethane	µg/m3	2.4 U	4.3 U	2.6 U	4.4 U	4.6 U
Bromoform	µg/m3	3.8 U	6.6 U	4.1 U	6.8 U	7.1 U
Bromomethane (Methyl bromide)	µg/m3	1.4 U	2.5 U	1.5 U	2.6 U	1.8 J
Carbon disulfide	µg/m3	4.0	50.5	1.2 U	8.2	9.3
Carbon tetrachloride	µg/m3	1.2 U	2.0 U	0.70 J	2.1 U	2.2 U
Chlorobenzene	µg/m3	1.7 U	3.0 U	1.8 U	3.1 U	3.2 U
Chloroethane	µg/m3	0.97 U	1.7 U	1.0 U	1.8 U	1.8 U
Chloroform (Trichloromethane)	µg/m3	1.6	2.0	0.96 U	1.6 U	1.7 U
Chloromethane (Methyl chloride)	µg/m3	1.4	1.3 U	0.81 U	1.4 U	7.0
cis-1,2-Dichloroethene	µg/m3	1.5 U	2.5 U	1.6 U	2.6 U	2.7 U
cis-1,3-Dichloropropene	µg/m3	1.7 U	2.9 U	1.8 U	3.0 U	3.1 U

Table 2C

Validated Analytical Results Summary - Soil Gas
 Groundwater, Soil, and Soil Gas Sampling Event
 Kabel Auto Site
 Rhinelander, Wisconsin
 October 2017

	Location ID:	GP11	GP5	GP7	GP8	GP9
	Sample Name:	G-171010-RA-02	G-171010-RA-01	G-171010-RA-03	G-171010-RA-04	G-171010-RA-05
	Sample Date:	10/10/2017	10/10/2017	10/10/2017	10/10/2017	10/10/2017
Parameters	Unit					
Cyclohexane	µg/m3	1.2 J	5.8	10.3	2.3 U	1.5 J
Dibromochloromethane	µg/m3	3.1 U	5.4 U	3.4 U	5.6 U	5.9 U
Dichlorodifluoromethane (CFC-12)	µg/m3	162	327	52.3	27.5	516
Ethanol	µg/m3	93.6	1760 J	25.9	37.3	43.1
Ethyl acetate	µg/m3	1.3 U	2.3 U	1.4 U	2.4 U	2.5 U
Ethylbenzene	µg/m3	2.1	2.8 J	1.3 J	3.1	4.3
Hexachlorobutadiene	µg/m3	3.9 U	6.8 U	4.2 U	7.1 U	7.3 U
Hexane	µg/m3	4.6	27.2	56.6	9.8	5.6
Isopropyl alcohol	µg/m3	10.9	7.8 U	14.5	11.5	12.4
m&p-Xylenes	µg/m3	7.3	7.8	4.8	11.0	15.0
Methyl tert butyl ether (MTBE)	µg/m3	6.6 U	11.5 U	7.1 U	11.9 U	12.4 U
Methylene chloride	µg/m3	22.1	292	1010	64.5	50.5
N-Heptane	µg/m3	4.0	2.6 U	3.6	2.7 U	2.8 U
Naphthalene	µg/m3	4.8 U	8.4 U	5.2 U	8.7 U	9.0 U
o-Xylene	µg/m3	3.0	2.5 J	1.7	4.0	5.0
Propylene (propene)	µg/m3	63.1	22.5	6.5	55.8	6.9
Styrene	µg/m3	1.6 U	2.4 J	1.7 U	2.8 U	2.9 U
Tetrachloroethene	µg/m3	2.5	215	1.3 U	3.5	8.9
Tetrahydrofuran	µg/m3	1.3	1.1 J	1.2 U	2.0 U	2.0 U
Toluene	µg/m3	13.3	39.7	41.7	18.4	21.6
trans-1,2-Dichloroethene	µg/m3	1.5 U	2.5 U	1.6 U	2.6 U	2.7 U
trans-1,3-Dichloropropene	µg/m3	1.7 U	2.9 U	1.8 U	3.0 U	3.1 U
Trichloroethene	µg/m3	0.99 U	1.2 J	1.1 U	1.8 U	1.3 J
Trichlorofluoromethane (CFC-11)	µg/m3	6.7	246	2.8	11.1	12.0
Trifluorotrchloroethane (CFC-113)	µg/m3	37.6	34.0	3.1 U	2.7 J	17.1
Vinyl acetate	µg/m3	2.7	8.6	1.4 U	6.5	3.4
Vinyl chloride	µg/m3	0.47 U	0.82 U	0.50 U	0.85 U	0.88 U

Note:

- U - Not detected at the associated reporting limit
- J - Estimated concentration

Table 3

**Analytical Methods and Holding Time Criteria
Groundwater, Soil, Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Parameter	Method	Matrix	Holding Time	
			Collection to Extraction (Days)	Collection or Extraction to Analysis (Days)
Volatile Organic Compounds (VOC)	SW-846 8260B	Water or Soil	-	14
Volatile Organic Compounds (VOC)	TO-15	Air	-	30

Notes:

Method References:

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986,
with subsequent revisions

TO-15 - "Compendium of Methods for the Determination of Toxic Organic Compounds in Air", EPA-625/R-96/010b, January 1999.

Table 4

**Qualified Sample Results Due to Analyte Concentrations in the Method Blanks
Groundwater, Soil, Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Parameter	Analyte	Analysis Batch	Blank Result *	Sample ID	Original Result	Qualified Result	Units
VOCs	Chloromethane	503189	1.9	W-171009-RF-01	6.2 J	10.0 U	ug/L
				W-171009-RF-02	4.4 J	10.0 U	ug/L
				W-171009-RF-03	6.3 J	10.0 U	ug/L
				W-171009-RF-04	5.1 J	10.0 U	ug/L
VOCs	Toluene	503189	0.37	W-171009-RF-03	0.40 J	1.0 U	ug/L
				W-171009-RF-04	0.18 J	1.0 U	ug/L

Notes:

- * - Blank result adjusted for sample factors where applicable
- U - Not detected at the associated reporting limit
- J - Estimated concentration

Table 5

**Qualified Sample Data Due to Outlying of Surrogate Recoveries
Groundwater, Soil, Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Parameter	Sample ID	Surrogate	Surrogate % Recovery	Control Limits % Recovery	Analyte	Qualified Result	Units
VOCs	W-171010-RF-09	p-Bromofluorobenzene	180	75-125	1,2,4-Trimethylbenzene	425 J	ug/L
					1,3,5-Trimethylbenzene	168 J	ug/L
					2-Butanone (Methyl ethyl ketone) (MEK)	10.4 J	ug/L
					2-Phenylbutane (sec-Butylbenzene)	31.1 J	ug/L
					Chloromethane (Methyl chloride)	4.7 J	ug/L
					Cymene (p-Isopropyltoluene)	85.9 J	ug/L
					Ethylbenzene	2.9 J	ug/L
					Isopropyl benzene	9.1 J	ug/L
					Methylene chloride	1.5 J	ug/L
					N-Propylbenzene	27.3 J	ug/L
					Naphthalene	35.9 J	ug/L
					Tetrachloroethene	0.60 J	ug/L
					Toluene	0.90 J	ug/L
Xylenes (total)	9.5 J	ug/L					

Notes:

J - Estimated concentration

Table 6

**Qualified Sample Results Due to Outlying LCS/LCSD Results
Groundwater, Soil, Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Parameter	Analyte	LCS Batch	LCS % Recovery	LCSD % Recovery	RPD (percent)	Control Limits		Associated Sample ID	Qualified Result	Units
						% Recovery	RPD			
VOCs	Bromoform	271321	21	66	104	70-132	21	S-171010-RF-17	13.7 UJ	ug/kg
								S-171010-RF-18	14.3 UJ	ug/kg
								S-171010-RF-19	13.3 UJ	ug/kg
								S-171010-RF-20	14.3 UJ	ug/kg
								S-171010-RF-21	13.8 UJ	ug/kg
VOCs	Acetone	503189	171	-	-	75-133	-	W-171009-RF-01	11.1 J	ug/L
								W-171009-RF-02	9.1 J	ug/L
								W-171009-RF-03	11.1 J	ug/L
VOCs	Acetone	503803	152	-	-	75-133	-	W-171010-RF-08	11.6 J	ug/L
								W-171010-RF-11	12.4 J	ug/L

Notes:

- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- RPD - Relative Percent Difference
- J - Estimated concentration
- UJ - Not detected; associated reporting limit is estimated

Table 7

**Qualified Sample Data Due to Exceedance of Calibration Range
Groundwater, Soil, Soil Gas Sampling Event
Kabel Auto Site
Rhineland, Wisconsin
October 2017**

Parameter	Sample ID	Analyte	Qualified Result	Units
VOCs	G-171010-RA-01	Ethanol	1760 J	ug/m3

Notes:

J - Estimated concentration

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