



December 17, 2018

Reference No. 11139422

Ms. Carrie Stoltz
Wisconsin Department of Natural Resources
107 Sutliff Avenue
Rhineland, WI 54501

Dear Ms. Stoltz:

**Re: Site Investigation Results and Final Closure Request
Former Kabel Auto (BRRTS #03-44-580617)
Rhineland, WI**

GHD Services Inc. (GHD), on behalf of the City of Rhinelander, submits this letter requesting site closure, which summarizes investigative work completed at the above-referenced site.

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 2017 and noted the following findings:

- The adjacent Lindey Cleaners property 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, which included underground petroleum storage tanks, may have impacted soil and groundwater.
- Adjoining properties had documented underground petroleum storage tanks (USTs) that apparently were not investigated. These adjoining properties may have impacted the Kabel property.

In 2017, the City of Rhinelander acquired this property 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 chooses to sell the property and return it to the tax rolls, a potential purchaser might be discouraged because it is an "open" case in the WDNR system.
- 2) Results from the site investigation (as presented below in this letter) show the site has very minimal environmental contamination, and is likely eligible for 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 that was investigated in 2015. The investigation showed low-level dry cleaner and petroleum-related volatile organic compounds (VOCs) in soil and groundwater. The 2015 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:

- 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 for analysis of VOCs

3. Results

This section compiles the findings and results from the 2015 Lindey Cleaners Site Investigation, 2016 utility work on the Kabel Property, which encountered an underground storage tank, the 2017 Kabel Auto Phase I ESA, and 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. The closure activities identified no odors, staining, or free product. A soil sample collected from below the UST. The soil sample showed had no detectable concentrations of petroleum-based volatile organic compounds.

No other UST's were identified during the Phase I ESA or the demolition activities. The demolition activities in particular were quite invasive. Test pits excavated at various locations checked for possible unknown UST and piping; no other USTS or piping were found.

Thus, according to site personnel, available records, and the work completed during the demolition and site investigation, there are no USTs remaining on the Kabel property. No aboveground storage tanks



were identified on the property, except a heating oil tank located in the basement. The heating oil tank was removed during demolition with no indications of leakage.

3.2 Drilling Activities

GHD conducted drilling activities with a Geoprobe on October 9 and 10, 2017. Figure 2 shows the location of the borings completed. Selected figures extracted from the 2015 Lindey Cleaners Investigation are provided in Attachment A. Laboratory data tables for air, soil, and groundwater samples are provided in Attachment B. Soil boring logs are provided in Attachment C. Laboratory reports are provided in Attachment D.

Groundwater was encountered between 14 to 15 feet below ground surface (bgs). Based on the historical Lindey Cleaners data, which included surveyed monitoring wells, the shallow groundwater flows to the northeast. GHD collected soil samples during the Kabel investigation from the “worst case” areas (i.e. highest PID readings, visual staining) and always at the water table interface. Groundwater samples were collected at 14 to 16 feet bgs. Soil vapor samples were collected at approximately 8-feet bgs.

3.3 Soil Vapor Results

VOCs were detected in all five soil vapor sample results. However, no VOC results exceeded, or even approach, their respective WDNR Screening Levels. Table 1 summarizes the soil gas results.

3.4 Soil Results

None of the 22 soils samples detected VOCs. All 22 soil samples showed non-detect for all VOCs analyzed. The lone exception was a acetone in GP-10, at an estimated (J-flagged) concentration that was well below screening standard. Acetone is a common lab contaminant. Table 2 summarizes the soil results.

3.5 Groundwater Results

All eleven of the groundwater samples reported one or more VOCs. Table 3 shows the groundwater VOC detections.

- The majority of the VOC detections were at, or below, the method detection level (J-flagged results). Groundwater samples from all 11 borings reported one or more compound that exceeded its respective NR 140 Preventative Action Level (PAL):

PAL exceedances were noted for:

- Total trimethylbenzenes (TMBs) (3 samples)
- Chloromethane (7 samples)
- Methylene chloride (5 samples)
- Naphthalene (2 samples)
- Tetrachloroethylene (5 samples)



- Only 2 borings had detections that exceeded the NR 140 Enforcement Standard (ES):
 - Groundwater samples from GP-10 and GP-12 had Enforcement Standard (ES) exceedances for total TMBs. GP-10 and GP-12 are located in the alley, north (downgradient) of the property. Both borings are constrained from further downgradient exceedances as evidenced by downgradient borings GP-7, -8 and -9, which were all non-detect for total TMBs. Additional borings located adjacent and upgradient of GP-10 and GP-12 were either non-detect or have low levels of total TMBs.
 - Lindey Cleaners was well-documented as using a combination of chlorinated solvent-based and petroleum-based substances in his dry cleaning operations between 1922 and 2010. The primary VOC groundwater source area on the Lindey Cleaners is found on the northwest corner of the property (Lindey Boring B-100). In the Lindey source area, total TMBs were found over 8,800 (micrograms per liter ($\mu\text{g}/\text{L}$)). The TMB concentrations decreased sharply 50 feet away at Kabel, which had a maximum of 804 $\mu\text{g}/\text{L}$ for total TMBs.

4. Conclusions

Based on the historical data from the 2015 Lindey Cleaners investigation, the Kabel Auto Phase I, and Site Investigation, and information from the City's utility work, we conclude:

- There is no evidence of soil (22 samples) or soil gas (five samples) impacts on the Kabel Auto property that exceed a regulatory threshold.
- The presence of TMBs (two ES exceedances) in the groundwater north of the Kabel Auto property are very likely 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 for final site closure.

Please let us know if you have any questions.

GHD

A handwritten signature in black ink, appearing to read "Ryan Aamot".

Ryan Aamot

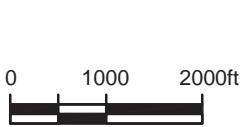
RA/sb/1

A handwritten signature in black ink, appearing to read "Brian Sandberg".

Brian Sandberg



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



FORMER KABEL AUTO
28 SOUTH STEVENS STREET
RHINELANDER, WISCONSIN

11139422-13
Dec 5, 2018

SITE LOCATION MAP

FIGURE 1

E. DAVENPORT STREET

COMMERCIAL / 2nd STORY APARTMENTS

LAW OFFICE

COMMERCIAL / 2nd STORY APARTMENTS

GP11

ALLEY

GP12

GP6

GP1

GP10

GP13

GP2

GP5

GP4

GP3

VACANT LOT
(FORMERLY LINDEY CLEANERS)

GREY WOLFE ART GALLERY /
2nd STORY APARTMENT

S. STEVENS STREET

FORMER KABEL AUTO
BUILDING FOOTPRINT
(DEMOLISHED 7/2017)

LEGEND

☒ BOREHOLE LOCATION WITH SOIL AND
WATER SAMPLES

▲ BOREHOLE LOCATION WITH SOIL, WATER,
AND SOIL GAS SAMPLES



GROUNDWATER FLOW DIRECTION
(FROM LINDEY CLEANERS SI)



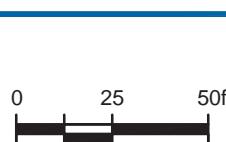
FORMER BASEMENT-FILLED WITH CONCRETE
DEBRIS DURING DEMOLITION



POTENTIAL UNDERGROUND LIFT



DRAIN



FORMER KABEL AUTO
28 SOUTH STEVENS STREET
RHINELANDER, WISCONSIN

BOREHOLE LOCATIONS

11139422-13

Dec 5, 2018

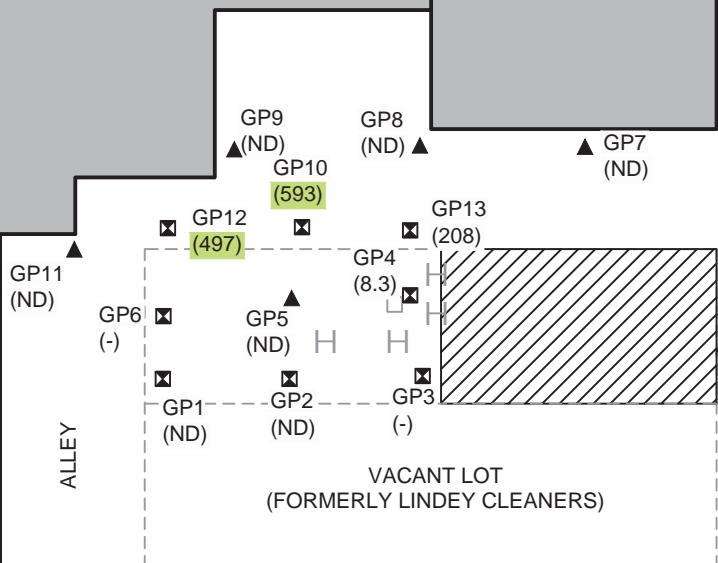
FIGURE 2

E. DAVENPORT STREET

COMMERCIAL / 2nd STORY APARTMENTS

LAW OFFICE

COMMERCIAL / 2nd STORY APARTMENTS

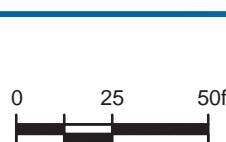


S. STEVENS STREET

FORMER KABEL AUTO
BUILDING FOOTPRINT
(DEMOLISHED 7/2017)

LEGEND

- ☒ BOREHOLE LOCATION WITH SOIL AND WATER SAMPLES
- ▲ BOREHOLE LOCATION WITH SOIL, WATER, AND SOIL GAS SAMPLES
- GROUNDWATER FLOW DIRECTION (FROM LINDEY CLEANERS SI)
- ▨ FORMER BASEMENT-FILLED WITH CONCRETE DEBRIS DURING DEMOLITION
- H POTENTIAL UNDERGROUND LIFT
- DRAIN
- (208) TOTAL TRIMETHYLBENZENE CONCENTRATIONS (ug/L)
- EXCEEDS ENFORCEMENT STANDARD (480 ug/L) FOR TOTAL TRIMETHYLBENZENE



FORMER KABEL AUTO
28 SOUTH STEVENS STREET
RHINELANDER, WISCONSIN

TOTAL TRIMETHYLBENZENE CONCENTRATIONS (ug/L)

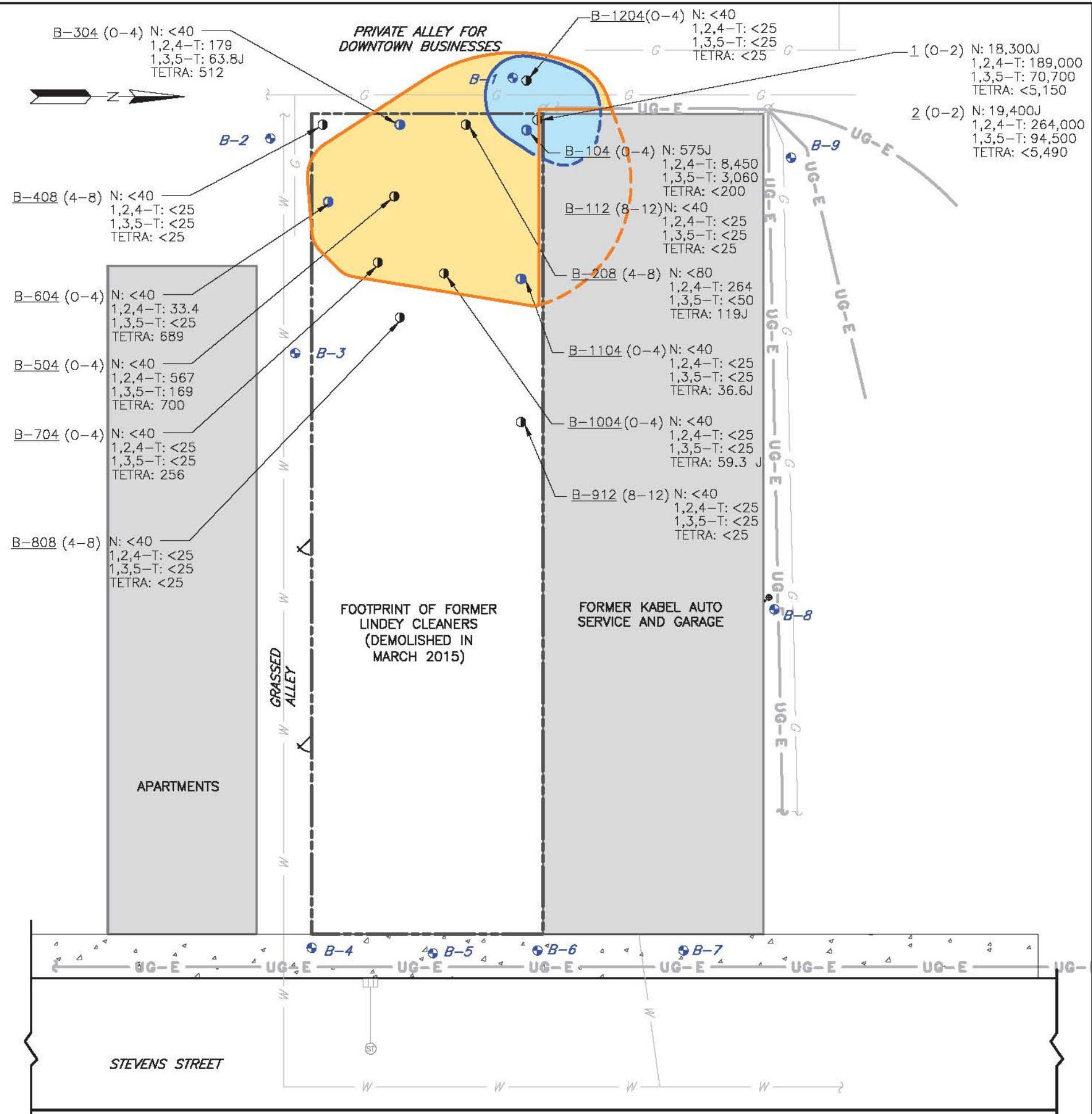
11139422-13

Dec 5, 2018

FIGURE 3

Attachment A

Selected Figures



LEGEND

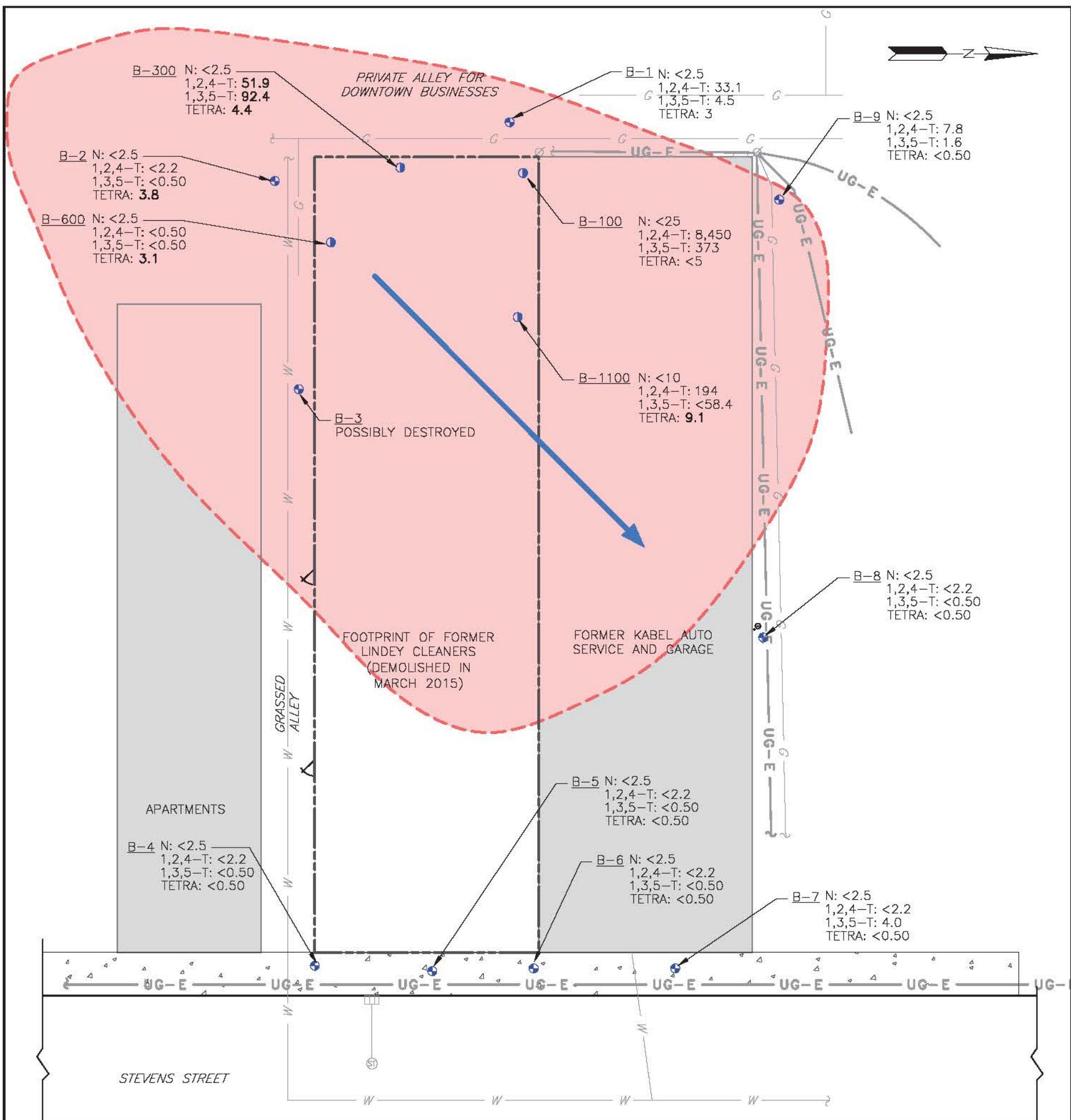
- | | |
|--|--|
| | EXISTING BUILDING |
| | FORMER LINDEY'S PROPERTY LINE |
| | UNDERGROUND ELECTRIC |
| | GAS LINE |
| | WATER LINE |
| | CATCH BASIN |
| | STORM SEWER MANHOLE |
| | UTILITY POLE |
| | CONCRETE SIDEWALK |
| | SOIL BORING CONVERTED TO 1" MONITORING WELL |
| | SOIL BORING LOCATION (APRIL 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=TETRACHLORETHENE
ALL IN ($\mu\text{g}/\text{kg}$) MICROGRAMS PER KILOGRAM

J=RESULTS BETWEEN THE LIMIT OF DETECTION AND THE LIMIT OF QUANITATION

0 10 20
SCALE IN FEET



LEGEND

1

EXISTING BUILDING

FORMER LINDEY'S PROPERTY LINE

—UG-E— UNDERGROUND ELECTRIC

— G — GAS LINE

— W — WATER LINE

□ CATCH BASIN

STORM SEWER

UTILITY POLE

CONCRETE SIDEWALK

B-9-2 SOIL BORING SURVEYED TO 1' INfiltrating Well
SOIL BORING WITH WATER SAMPLE COLLECTED (APRIL 9, 1985)

 ESTIMATED FLOW DIRECTION BASED ON
05/05/15 GROUNDWATER ELEVATIONS



EXTENT OF PAL EXCEEDENCES FOR
TETRACHLORETHYLENE (APPROXIMATE)

ABBREVIATIONS USED

ABBREVIATIONS

N=NAPHTHALENE

1,2,4-TRIMETHYLBENZENE

1,3,5-TRIMETHYLBENZENE TETRA-*TER*-METHYL-*SE*THYLENE

TETRA=TETRACHLORETHENE
ALL IN 6 (0) MICROGRAMS PER LITER

ALL IN ($\mu\text{g/l}$) MICROGRAMS PER LITER

BOLD=EXCEEDS ENFORCEMENT STANDARDS



Environmental and Geological
Scientists and Engineers

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

Page 1 of 2

Soil Gas Detects
October 2017
Former Kabel Auto
Rhineland, Wisconsin

Location	Sample Number	Date	WES*																		
			130,000	210	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	160	Benzene	: Bromomethane (Methyl bromide)	: Carbon disulfide	100	Carbon tetrachloride	37	Chloroform (Trichloromethane)	6,300	Chloromethane (Methyl chloride)	: Cyclohexane
			ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³	ug/m ³
GP5	G-171010-RA-01	10/10/2017	7.9	2.6 J	49.1	< 13.1	8.8 J	738	2.0	< 2.5	50.5	< 2.0	2.0	< 1.3	5.8	327	1760 J				
GP7	G-171010-RA-03	10/10/2017	< 2.2	1.5 J	5.9	< 8.1	< 8.1	105	2.4	< 1.5	< 1.2	0.70 J	< 0.96	< 0.81	10.3	52.3	25.9				
GP8	G-171010-RA-04	10/10/2017	< 3.6	2.9 J	42.8	7.8 J	10.8 J	105	3.6	< 2.6	8.2	< 2.1	< 1.6	< 1.4	< 2.3	27.5	37.3				
GP9	G-171010-RA-05	10/10/2017	< 3.8	2.9 J	28.9	< 14.1	18.1	77.9	4.8	1.8 J	9.3	< 2.2	< 1.7	7.0	1.5 J	516	43.1				
GP11	G-171010-RA-02	10/10/2017	13.6	2.2	18.1	< 7.5	4.2 J	72.0	4.3	< 1.4	4.0	< 1.2	1.6	1.4	1.2 J	162	93.6				

Attachment B

Table 1

Page 2 of 2

Soil Gas Detects
October 2017
Former Kabel Auto
Rhineland, Wisconsin

Location	Sample Number	Date	WES*																	
			370	Ethylbenzene	- Hexane	- Isopropyl alcohol	3,300	m&p-Xylenes	25,000	Methylene chloride	- N-Heptane	3,300	o-Xylene	- Propylene (propene)	900	Tetrachloroethene	- Tetrahydrofuran	190,000	Toluene	53
			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	ug/m3	ug/m3
GP5	G-171010-RA-01	10/10/2017	2.8 J	27.2	< 7.8	7.8	292	< 2.6	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	< 1.7	< 1.3	< 1.2	41.7	< 1.1	2.8	< 3.1	< 1.4		
GP8	G-171010-RA-04	10/10/2017	3.1	9.8	11.5	11.0	64.5	< 2.7	4.0	55.8	< 2.8	3.5	< 2.0	18.4	< 1.8	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	< 2.8	5.0	6.9	< 2.9	8.9	< 2.0	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	< 1.6	2.5	1.3	13.3	< 0.99	6.7	37.6	2.7		

Note:

J - Estimated concentration

* - Parameters entered into EPA's VISL calculator

Attachment B
Table 2

Page 1 of 1

Soil Detects
October 2017
Former Kabel Auto
Rhinelander, 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

Page 1 of 2

Groundwater Detects
October 2017
Former Kabel Auto
Rhinelander, Wisconsin

Location	Sample Number	Date	WES		1,2,4-Trimethylbenzene		1,3,5-Trimethylbenzene		4,2-Butanone (Methyl ethyl ketone) (MEK)		: 2-Phenylbutane (sec-Butylbenzene)		9,000 Acetone		30 Chloromethane (Methyl chloride)		: Cymene (p-Isopropyltoluene)		700 Ethylbenzene		: Isopropyl benzene		50 Methylene chloride	
			480*	ug/L	480*	ug/L	4,000	ug/L	4,000	ug/L	9,000	ug/L	9,000	ug/L	30	ug/L	700	ug/L	700	ug/L	50	ug/L	50	ug/L
GP1	W-171009-RF-01	10/9/2017	< 1.0	< 1.0	< 5.0	0.75 J	11.1 J	< 10	0.65 J	0.14 J	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0
GP2	W-171009-RF-02	10/9/2017	< 1.0	< 1.0	< 5.0	< 1.0	9.1 J	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0
GP4	W-171009-RF-03	10/9/2017	2.7	5.6	< 5.0	< 1.0	11.1 J	< 10	2.3	0.31 J	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0
GP5	W-171009-RF-04	10/9/2017	< 1.0	< 1.0	< 5.0	< 1.0	< 20.0	< 10	0.63 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0
GP7	W-171010-RF-06	10/10/2017	< 1.0	< 1.0	< 5.0	< 1.0	< 20.0	4.4 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0
GP8	W-171010-RF-07	10/10/2017	< 1.0	< 1.0	< 5.0	< 1.0	< 20.0	9.8 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.4 J	1.4 J
GP9	W-171010-RF-08	10/10/2017	< 1.0	< 1.0	< 5.0	1.1	11.6 J	7.2 J	0.51 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.8 J	1.8 J
GP10	W-171010-RF-09	10/10/2017	425 J	168 J	10.4 J	31.1 J	< 20.0	4.7 J	85.9 J	2.9 J	9.1 J	2.9 J	9.1 J	2.9 J	< 4.0	< 4.0	9.1 J	1.5 J	9.1 J	1.5 J	9.1 J	1.5 J	9.1 J	1.5 J
GP11	W-171010-RF-10	10/10/2017	< 1.0	< 1.0	< 5.0	< 1.0	< 20.0	7.2 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.2 J	1.2 J
GP12	W-171010-RF-11	10/10/2017	379	118	< 5.0	40.2	12.4 J	6.5 J	43.7	2.5	17.5	2.5	17.5	2.5	< 4.0	< 4.0	17.5	1.5 J	17.5	1.5 J	17.5	1.5 J	17.5	1.5 J
GP13	W-171010-RF-12	10/10/2017	159	48.9	< 5.0	5.4	< 20.0	2.9 J	17.8	1.0	1.7	1.0	1.7	1.0	< 4.0	< 4.0	1.7	< 4.0	1.7	< 4.0	1.7	< 4.0	1.7	< 4.0

Attachment B
Table 3

Page 2 of 2

Groundwater Detects
October 2017
Former Kabel Auto
Rhinelander, Wisconsin

Location	Sample Number	Date	WES		100 Naphthalene	: N-Butylbenzene	: N-Propylbenzene	: tert-Butylbenzene	5 Tetrachloroethene	800 Toluene	5 Trichloroethene	2,000 Xylenes (total)
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
GP1	W-171009-RF-01	10/9/2017	< 4.0	< 1.0	< 1.0	< 1.0	2.7	< 1.0	< 0.40	< 3.0		
GP2	W-171009-RF-02	10/9/2017	< 4.0	< 1.0	< 1.0	< 1.0	1.5	< 1.0	0.28 J	< 3.0		
GP4	W-171009-RF-03	10/9/2017	0.80 J	< 1.0	0.24 J	0.43 J	0.52 J	< 1.0	0.39 J	< 3.0		
GP5	W-171009-RF-04	10/9/2017	< 4.0	< 1.0	< 1.0	< 1.0	1.1	< 1.0	0.28 J	< 3.0		
GP7	W-171010-RF-06	10/10/2017	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.40	< 3.0		
GP8	W-171010-RF-07	10/10/2017	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.40	< 3.0		
GP9	W-171010-RF-08	10/10/2017	< 4.0	< 1.0	< 1.0	0.21 J	< 1.0	0.25 J	< 0.40	< 3.0		
GP10	W-171010-RF-09	10/10/2017	35.9 J	< 1.0	27.3 J	< 1.0	0.60 J	0.90 J	< 0.40	9.5 J		
GP11	W-171010-RF-10	10/10/2017	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	0.21 J	< 0.40	< 3.0		
GP12	W-171010-RF-11	10/10/2017	34.4	16.1	40.6	7.8	< 1.0	0.38 J	< 0.40	< 3.0		
GP13	W-171010-RF-12	10/10/2017	13.8	< 1.0	5.1	1.7	< 1.0	0.38 J	< 0.40	< 3.0		

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)

Page 1 of 1

PROJECT NAME: Former Kabel Auto

HOLE DESIGNATION: GP 01

PROJECT NUMBER: 11139422

DATE COMPLETED: October 9, 2017

CLIENT: City of Rhinelander

DRILLING METHOD: Geoprobe

LOCATION: Rhinelander, Wisconsin

FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE			
				NUMBER	INTERVAL	REC (ft)	'N' VALUE
2	FILL-silty sand with gravel, dark brown, moist	4.00		1		1.4	0
4	SP-SAND, trace silt, trace gravel, fine grained, light brown, moist to saturated	8.00		2		0.0	NA
6							
8	-occasional 1-inch seams of sandy silt from 8' to 16' below ground surface	13.00	▽	3		3.2	0
10							
12							
14	-saturated						
16	END OF BOREHOLE @ 16.0ft BGS	16.00		4		4.0	0
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.						
24							
26							
28							
30							
32							
34							
<p>NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE</p> <p>WATER FOUND ▽</p> <p>CHEMICAL ANALYSIS</p>							



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: Former Kabel Auto

HOLE DESIGNATION: GP 02

PROJECT NUMBER: 11139422

DATE COMPLETED: October 9, 2017

CLIENT: City of Rhinelander

DRILLING METHOD: Geoprobe

LOCATION: Rhinelander, Wisconsin

FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE			
				NUMBER	INTERVAL	REC (ft)	'N' VALUE
2	FILL, silty sand, dark brown, moist to wet	5.50		1	2.0		0
4		7.50		2	2.3		0
6	SP-SAND, trace silt, fine grained, light brown to brown, moist			3	3.3		0
8	-light grayish brown			4	2.5		0
10							
12							
14							
16	-saturated	15.00	▽				
18	END OF BOREHOLE @ 16.0ft BGS	16.00					
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 14' below ground surface.						
24							
26							
28							
30							
32							
34							
<p>NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE</p> <p>WATER FOUND ▽</p> <p>CHEMICAL ANALYSIS</p>							



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: Former Kabel Auto

HOLE DESIGNATION: GP 03

PROJECT NUMBER: 11139422

DATE COMPLETED: October 9, 2017

CLIENT: City of Rhinelander

DRILLING METHOD: Geoprobe

LOCATION: Rhinelander, Wisconsin

FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE			
				NUMBER	INTERVAL	REC (ft)	'N' VALUE
2	SP/SM-SAND, silty, trace gravel, fine to medium grained, dark brown, moist			1		1.0	0
4				2		0.6	0
6							
7.00	END OF BOREHOLE @ 7.0ft BGS		Bentonite Pellets 2-inch diameter borehole				
8	The first borehole met refusal at 7' below ground surface (bgs). The second borehole met refusal at 6' bgs.						
10	A soil sample was collected for chemical analysis at 3' below ground surface.						
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							

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

CHEMICAL ANALYSIS



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: Former Kabel Auto

HOLE DESIGNATION: GP 04

PROJECT NUMBER: 11139422

DATE COMPLETED: October 9, 2017

CLIENT: City of Rhinelander

DRILLING METHOD: Geoprobe

LOCATION: Rhinelander, Wisconsin

FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Soil Gas Probe	SAMPLE			
				NUMBER	INTERVAL	REC (ft)	N' VALUE
2	SM-SAND, silty, with gravel, fine to medium grained, dark brown, moist	4.00	2-inch diameter borehole	1	0.5		0
4	SP-SAND, trace silt, fine grained, dark brown to light grayish brown, moist	4.00	Bentonite Pellets	2	0.8		0
6				3	2.0		0
8				4	0.3		0
10							
12	Minimal recovery	12.00					
14							
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



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: Former Kabel Auto

HOLE DESIGNATION: GP 05

PROJECT NUMBER: 11139422

DATE COMPLETED: October 9, 2017

CLIENT: City of Rhinelander

DRILLING METHOD: Geoprobe

LOCATION: Rhinelander, Wisconsin

FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE			
				NUMBER	INTERVAL	REC (ft)	'N' VALUE
2	SM-SAND, silty, trace gravel, fine to medium grained, dark brown, moist	4.00		1	0.7		0
4	SP-SAND, trace silt, fine grained, dark brown to light grayish brown, moist -dark reddish brown	5.00		2	2.7		0
6		8.50		3	3.5		0
8	-brown to light grayish brown			4	3.0		0
10							
12							
14							
16	-saturated	15.00	▽				
18	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.	16.00					
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



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: Former Kabel Auto

HOLE DESIGNATION: GP 06

PROJECT NUMBER: 11139422

DATE COMPLETED: October 9, 2017

CLIENT: City of Rhinelander

DRILLING METHOD: Geoprobe

LOCATION: Rhinelander, Wisconsin

FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE			
				NUMBER	INTERVAL	REC (ft)	'N' VALUE
2	SM-SAND, with silt, with gravel, fine to medium grained, dark brown, moist	6.00	Bentonite Pellets 2-inch diameter borehole	1	0.4	0	NA
6	END OF BOREHOLE @ 6.0ft BGS	6.00		2	0.2		
8	The first borehole met refusal at 4' below ground surface (bgs). The second borehole met refusal at 6' bgs.						
10	A soil sample was collected for chemical analysis at 3' below ground surface.						
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							

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

CHEMICAL ANALYSIS



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: Former Kabel Auto

HOLE DESIGNATION: GP 07

PROJECT NUMBER: 11139422

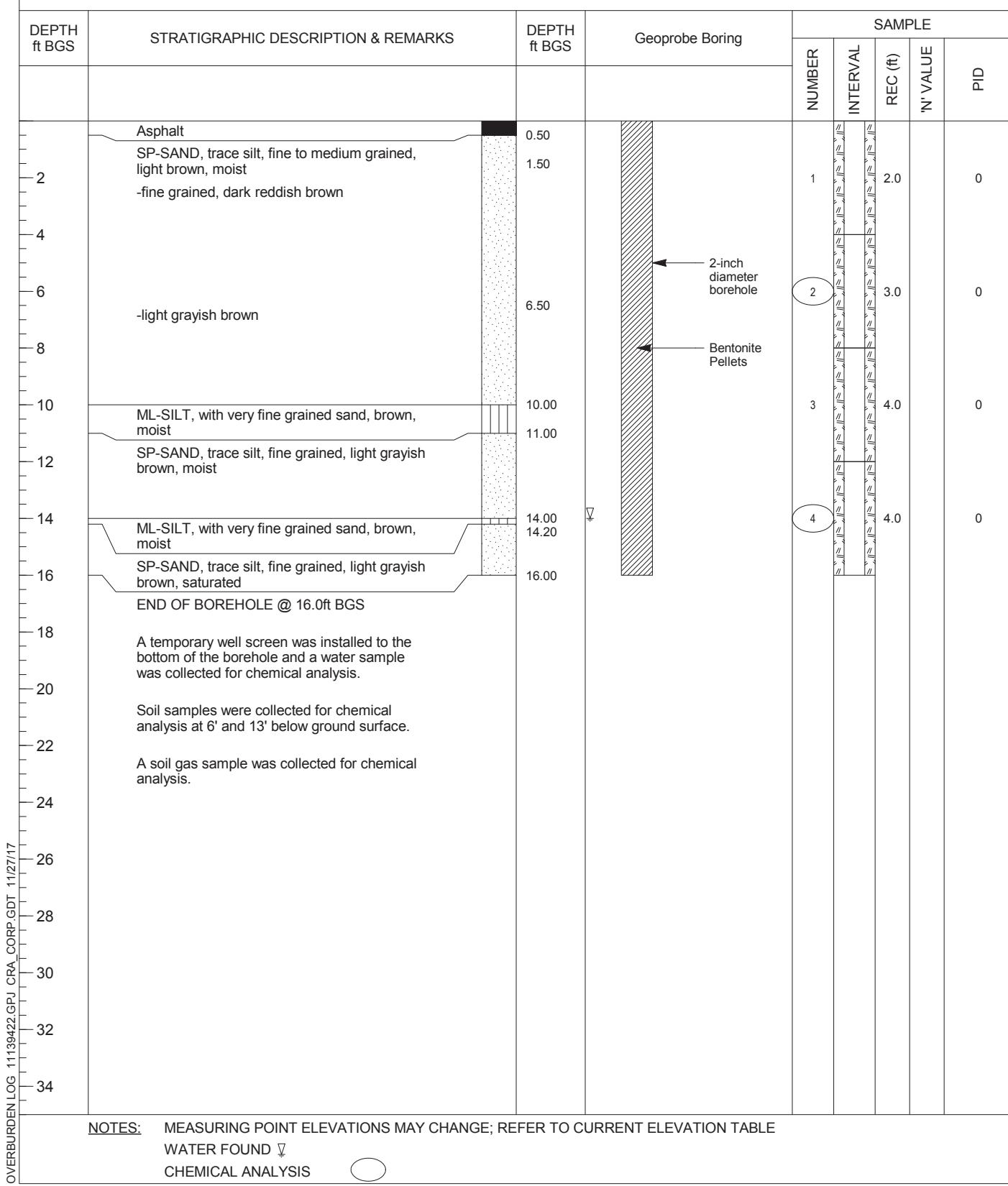
DATE COMPLETED: October 10, 2017

CLIENT: City of Rhinelander

DRILLING METHOD: Geoprobe

LOCATION: Rhinelander, Wisconsin

FIELD PERSONNEL: R. Field





STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: Former Kabel Auto

HOLE DESIGNATION: GP 08

PROJECT NUMBER: 11139422

DATE COMPLETED: October 10, 2017

CLIENT: City of Rhinelander

DRILLING METHOD: Geoprobe

LOCATION: Rhinelander, Wisconsin

FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE			
				NUMBER	INTERVAL	REC (ft)	'N' VALUE
2	Asphalt FILL-fine to medium grained sand, with silt, with gravel, dark brown to black, moist SP-SAND, trace silt, fine grained, dark reddish brown, moist	0.50 1.50		1		1.8	0
4				2		1.8	0
6	-light brown	6.00					
8							
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



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: Former Kabel Auto

HOLE DESIGNATION: GP 09

PROJECT NUMBER: 11139422

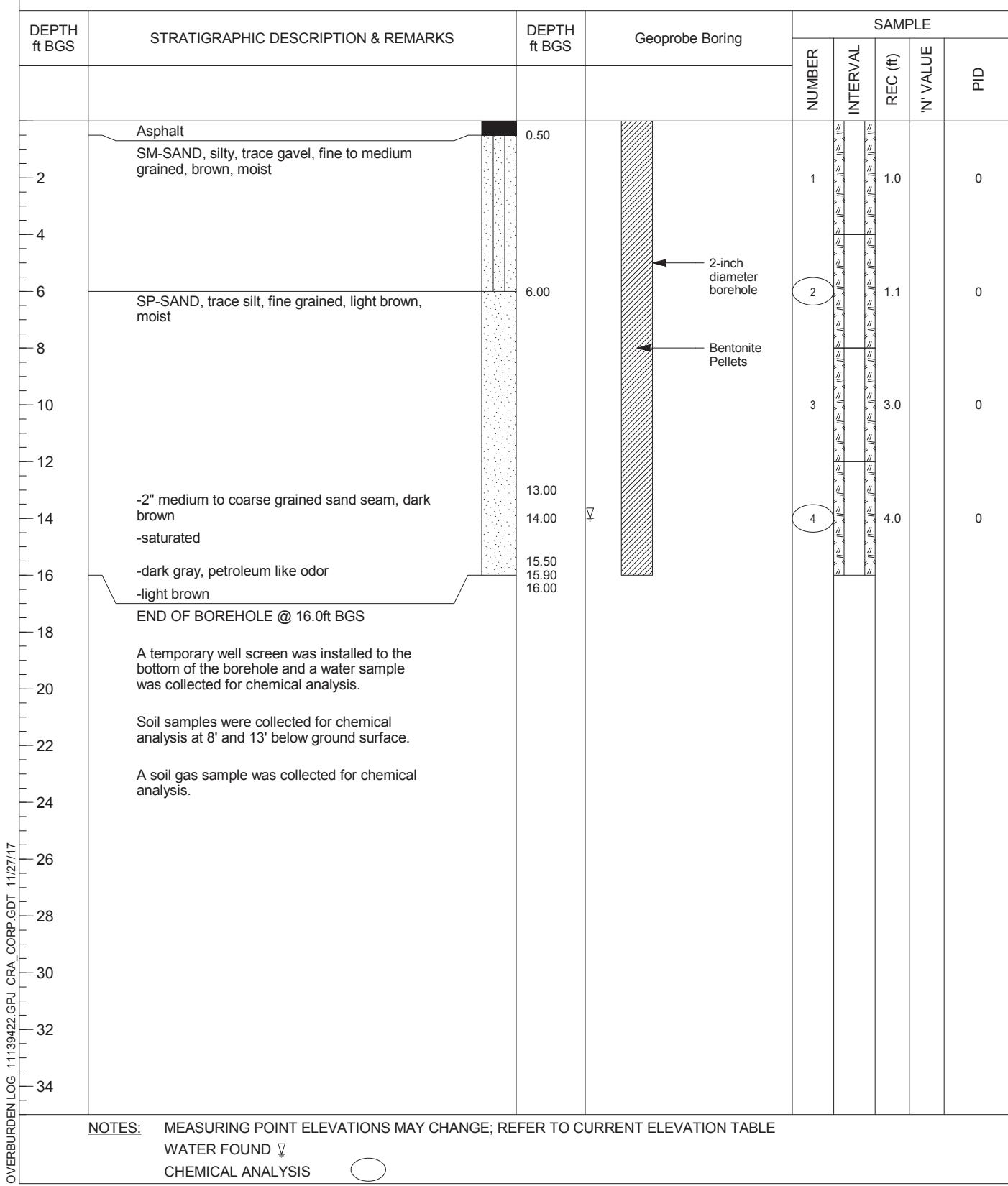
DATE COMPLETED: October 10, 2017

CLIENT: City of Rhinelander

DRILLING METHOD: Geoprobe

LOCATION: Rhinelander, Wisconsin

FIELD PERSONNEL: R. Field





STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: Former Kabel Auto

HOLE DESIGNATION: GP 10

PROJECT NUMBER: 11139422

DATE COMPLETED: October 10, 2017

CLIENT: City of Rhinelander

DRILLING METHOD: Geoprobe

LOCATION: Rhinelander, Wisconsin

FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE			
				NUMBER	INTERVAL	REC (ft)	'N' VALUE
2	Asphalt SM-SAND, with silt, with gravel, fine to medium grained, dark brown, moist	0.50		1		2.1	23.3
4		4.50		2		2.7	22.4
6	SP-SAND, trace silt, fine grained, reddish brown, moist -tan to light brown	5.00					
8							
10	-3" silty sand seam, dark brown, mottling, moist to wet	10.00					
12							
14	-2" seam with trace gravel, dark brown -saturated	14.00					
16	END OF BOREHOLE @ 16.0ft BGS	15.00	▽	3		3.6	31.3
18	A temporary well screen was installed to the bottom of the borehole and a water sample was collected for chemical analysis.	16.00		4		2.8	31.2
20	Soil samples were collected for chemical analysis at 8' 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



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: Former Kabel Auto

HOLE DESIGNATION: GP 11

PROJECT NUMBER: 11139422

DATE COMPLETED: October 10, 2017

CLIENT: City of Rhinelander

DRILLING METHOD: Geoprobe

LOCATION: Rhinelander, Wisconsin

FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE			
				NUMBER	INTERVAL	REC (ft)	'N' VALUE
2	Asphalt The soil was removed using a vac truck due to utilities.	0.50					
4		5.00					
6	SP-SAND, trace to with silt, fine grained, dark brown to reddish brown, moist	8.00					
8	-4" gravel seam -tan to brown	9.00					
10							
12							
14	-saturated	14.50					
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 8' and 13.5' 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

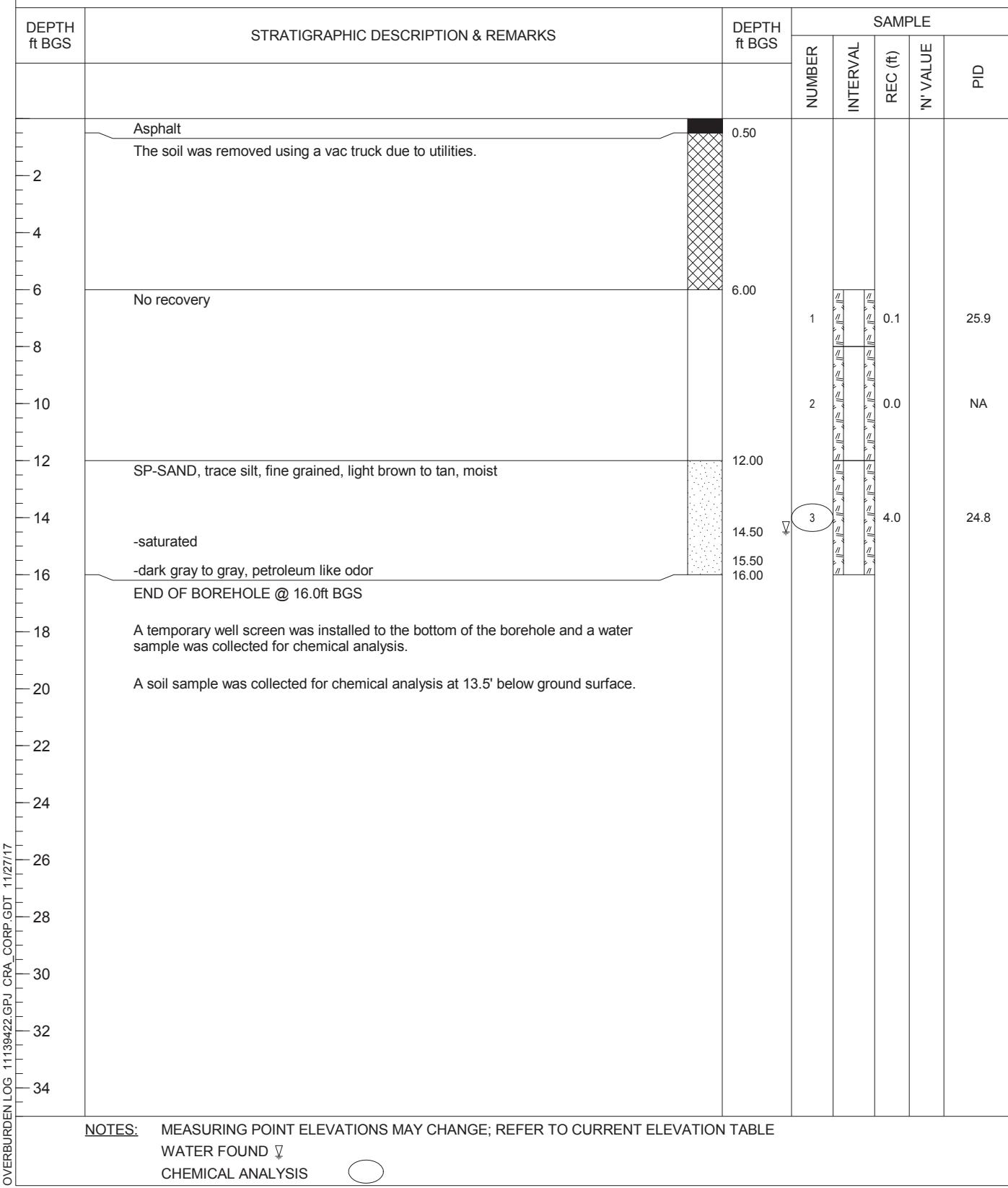


STRATIGRAPHIC LOG (OVERBURDEN)

Page 1 of 1

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





STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: Former Kabel Auto

HOLE DESIGNATION: GP 13

PROJECT NUMBER: 11139422

DATE COMPLETED: October 10, 2017

CLIENT: City of Rhinelander

DRILLING METHOD: Geoprobe

LOCATION: Rhinelander, Wisconsin

FIELD PERSONNEL: R. Field

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Geoprobe Boring	SAMPLE			
				NUMBER	INTERVAL	REC (ft)	'N' VALUE
2	Asphalt SM-SAND, with silt, with gravel, fine to medium grained, dark brown to black, moist SP-SAND, trace silt, very fine to fine grained, reddish brown, moist	0.50 1.00		1		1.5	23.3
4		6.00		2		3.0	24.1
6	-light brown, with silt	8.80		3		3.8	22.1
8	-2" dark gray fine to medium sand with gravel seam	13.00		4		3.8	27.1
10		14.00	▽				
12		15.20					
14	-dark gray fine to medium sand with trace gravel seam -saturated	16.00					
16	-grayish, with petroleum like odor END OF BOREHOLE @ 16.0ft BGS						
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

Attachment D

Lab 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

This report shall not be reproduced, except in full,
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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 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679002	S-171009-RF-02	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679003	S-171009-RF-03	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679004	S-171009-RF-04	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679005	S-171009-RF-05	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679006	S-171009-RF-06	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679007	S-171009-RF-07	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679008	S-171009-RF-08	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679009	S-171009-RF-09	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679010	S-171010-RF-10	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679011	S-171010-RF-11	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679012	S-171010-RF-12	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679013	S-171010-RF-13	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679014	S-171010-RF-14	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679015	S-171010-RF-15	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679016	S-171010-RF-16	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679017	S-171010-RF-17	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679018	S-171010-RF-18	ASTM D2974 EPA 8260	JDL HNW	1 73	PASI-M PASI-G
10406679019	S-171010-RF-19	ASTM D2974	JDL	1	PASI-M

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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
		EPA 8260	HNW	73	PASI-G
10406679020	S-171010-RF-20	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679021	S-171010-RF-21	ASTM D2974	JDL	1	PASI-M
		EPA 8260	HNW	73	PASI-G
10406679022	S-171010-RF-22	ASTM D2974	JDL	1	PASI-M
		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	Client Sample ID	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
Method							
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	Client Sample ID						
Method	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						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
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		

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SUMMARY OF DETECTION

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

Lab Sample ID	Client Sample ID						
Method	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		

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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
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-Dichloropropene	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	

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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

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
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-Dichloropropene	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

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
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-Dichloropropene	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	

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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
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-Dichloropropene	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

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
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-Dichloropropene	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

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
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-Dichloropropene	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	

REPORT OF LABORATORY ANALYSIS

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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
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-Dichloropropene	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

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
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-Dichloropropene	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	

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
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-Dichloropropene	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

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
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-Dichloropropene	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

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
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-Dichloropropene	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	

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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	

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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
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-Dichloropropene	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	

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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	

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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-Dichloropropene	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

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
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-Dichloropropene	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

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
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-Dichloropropene	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

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
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-Dichloropropene	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	

REPORT OF LABORATORY ANALYSIS

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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

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
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-Dichloropropene	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

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
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-Dichloropropene	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	

REPORT OF LABORATORY ANALYSIS

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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	

REPORT OF LABORATORY ANALYSIS

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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
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-Dichloropropene	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	

REPORT OF LABORATORY ANALYSIS

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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	

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
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-Dichloropropene	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	

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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

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
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-Dichloropropene	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	

REPORT OF LABORATORY ANALYSIS

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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
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	
Bromoform	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	74-97-5	
Bromochloromethane	68.7 U	ug/kg	68.7	28.6	1	10/23/17 08:00	10/23/17 15:39	75-27-4	
Bromodichloromethane	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	

REPORT OF LABORATORY ANALYSIS

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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	
Tetrachloroethylene	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	
Trichloroethylene	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	

REPORT OF LABORATORY ANALYSIS

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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	
Tetrachloroethylene	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	
Trichloroethylene	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	
Tetrachloroethylene	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	
Trichloroethylene	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	
Tetrachloroethylene	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	
Trichloroethylene	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	
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	
Tetrachloroethylene	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	
Trichloroethylene	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	
Tetrachloroethylene	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	
Trichloroethylene	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	

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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	

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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	
Tetrachloroethylene	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	
Trichloroethylene	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	
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	
Tetrachloroethylene	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	
Trichloroethylene	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	
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	

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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	
Tetrachloroethylene	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	0.21U	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	
Trichloroethylene	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	
Tetrachloroethylene	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	
Trichloroethylene	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	

REPORT OF LABORATORY ANALYSIS

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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	
Tetrachloroethylene	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	
Trichloroethylene	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	
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	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11139422 FORMER KABEL AUTO

Pace Project No.: 10406679

QC Batch:	501975	Analysis Method:	ASTM D2974
QC Batch Method:	ASTM D2974	Analysis Description:	Dry Weight / %M by ASTM D2974
Associated Lab Samples:	10406679001, 10406679002, 10406679003, 10406679004, 10406679005, 10406679006, 10406679007, 10406679008, 10406679009, 10406679010, 10406679011, 10406679012, 10406679013, 10406679014, 10406679015, 10406679016, 10406679017, 10406679018, 10406679019		

SAMPLE DUPLICATE: 2728042

Parameter	Units	60254746002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.4	20.0	8	30	

SAMPLE DUPLICATE: 2728043

Parameter	Units	10406679019 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	2.3	2.2	2	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.

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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	

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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:	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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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	Reporting	Analyzed	Qualifiers
		Result	Limit		
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	LCS	LCSD	LCS	LCSD	% Rec	Limits	RPD	Max RPD	Qualifiers
		Conc.	Result	Result	% Rec	% Rec					
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

Parameter	Units	Spike	LCS	LCSD	LCS	LCSD	% Rec	RPD	Max	Qualifiers
		Conc.	Result	Result	% Rec	% Rec	Limits		RPD	
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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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

Parameter	Units	Spike	LCS	LCSD	LCS	LCSD	% Rec	RPD	Max	Qualifiers
		Conc.	Result	Result	% Rec	% Rec	Limits		RPD	
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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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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REPORT OF LABORATORY ANALYSIS

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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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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
Tetrachloroethene	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 Spike		MSD Spike		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max	
		10407062005	Result	Conc.	Conc.						RPD	RPD
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	2736800		2736801							
		10407062005		MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec	Max
		Result	Conc.	Conc.	Result	Result	Result	% Rec	% Rec	Limits	RPD
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
Bromo(chloromethane)	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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REPORT OF LABORATORY ANALYSIS

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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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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
Tetrachloroethene	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 Spike		MSD Spike		MS		MSD		% Rec		Max RPD	RPD Qual
		10406941037	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits			
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	2740128		2740129						% Rec	Limits	RPD	Max
		10406941037	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % 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	
Bromo(chloromethane)	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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REPORT OF LABORATORY ANALYSIS

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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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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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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
Tetrachloroethene	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 Spike		MSD Spike		MS		MSD		% Rec		Max RPD	RPD Qual
		10407496023	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits			
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	2741303		2741304									
		MS Spike		MSD Spike		MS		MSD		% Rec		Max	
		10407496023	Result	Conc.	Conc.	Result	MSD	Result	% Rec	MSD	% Rec	RPD	RPD
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		
Bromo(chloromethane)	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				

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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QUALIFIERS

Project: 11139422 FORMER KABEL AUTO

Pace 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

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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
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: 11139422			Laboratory Name: PACE			Lab Location: MINNEAPOLIS, MN			SSOW ID:							
Project Name: Former KABE AUTO			Lab Contact:			Lab Quote No:			Cooler No:							
Project Location: RHINELANDER, WI			SAMPLE TYPE			CONTAINER QUANTITY & PRESERVATION			ANALYSIS REQUESTED (See Back of COC for Definitions)			Carrier: PACE				
Chemistry Contact: GRANT ANDERSON												Airbill No:				
Sampler(s): R. Field, R. Amot												Date Shipped: 10/11/17				
ITEM SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line) (mm/dia/yy)			DATE			TIME			Matrix Code (see back of COC)			MS/MSD Request				
1	S-171009-RF-01		10/9/17	14:30	SO G	1		2		3 X		COMMENTS/ SPECIAL INSTRUCTIONS:				
2		-02		14:35		1		2		3 X		NOTE: 002				
3		-03		15:00		1		2		3 X		SOIL VOC 003				
4		-04		15:05		1		2		3 X		SAMPLE 004				
5		-05		15:25		1		2		3 X		TIMES, 605				
6		-06		15:45		1		2		3 X		006				
7		-07		16:15		1		2		3 X		007				
8		-08		16:20		1		2		3 X		008				
9		-09		16:50		1		2		3 X		009				
10	S-171010-RF-10		10/10/17	50	805G	1		2		3 X		010				
11		-11		8:35		1		2		3 X		011				
12		-12		9:00		1		2		3 X		012				
13		-13		9:45		1		2		3 X		013				
14		-14		9:55		1		2		3 X		014				
15		-15		9:55		1		2		3 X		015				
TAT Required in business days (use separate COCs for different TATs):						Total Number of Containers: 45			Notes/ Special Requirements: Temp 02°							
<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:																
RELINQUISHED BY			COMPANY		DATE		TIME		RECEIVED BY		COMPANY		DATE		TIME	
1.	Rumford	GHD	10/11/17		10:00		1.		J. G. PACE		PAC		10/11/17		10:00	
2.	Page 111	PAGE	10/11/17		10:20		Mark		PAGE		PAGE		10/11/17		10:20	
3.																

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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)

Project No/Phase/Task Code:			Laboratory Name:			Lab Location:			SSOW ID:		
11139422			PACE			MINNEAPOLIS, MN					
Project Name:			Lab Contact:			Lab Quote No:			Cooler No:		
Former KAFER Auto											
Project Location:			SAMPLE TYPE			CONTAINER QUANTITY & PRESERVATION			ANALYSIS REQUESTED		
Rhineland, WI			Moisture Control			(See Back of COC for Definitions)			Carrier:		
Chemistry Contact:									PACE		
GRANT ANDERSON									Airbill No:		
Sampler(s):											
F. Field, R. Amor											
SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line).			DATE (mm/dd/yy)			TIME (hh:mm)			MSAMSD Request		
1	S-171010-RF-14		10/10/17	10:35	SO	G	1	2	3	X	016
2		-17		10:40			1	2	3	X	NOTE: 017
3		-18		11:15			1	2	3	X	SOIL VOC 018
4		-19		11:10			1	2	3	X	SAMPLE 019
5		-20		11:40			1	2	3	X	TIME 020
6		-21		12:10			1	2	3	X	021
7		-22		12:05			1	2	3	X	022
8											
9	G-171010-RA-01		10/10/17	1025	GS				1	X	
10		-02		1119					1	X	
11		-03		1205					1	X	
12		-04		1207					1	X	
13		-05		1309					1	X	
14											
15											
TAT Required in business days (use separate COCs for different TATs):						Total Number of Containers:			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:						5					
All Samples in Cooler must be on COC											

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
1. R. Amor	GHD	10/11/17	10:00	1. J. G. Mager	PACE	10/11/17	10:00
2. F. Field	PACE	10/11/17	10:20	2. Grant	PACE	10/11/17	10:20
3.				3.			

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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-02508

PAGE 1 OF 3

(See Reverse Side for Instructions)

Project No/Phase/Task Code: <i>Kabel Auto</i>		Laboratory Name: <i>Pace</i>		Lab Location: <i>Mpls</i>		SSOW ID:
Project Name: <i>11139422</i>		Lab Contact: <i>Tina Soltani</i>		Lab Quote No:		Cooler No:
Project Location: <i>Rivinlander, WI</i>		SAMPLE TYPE		CONTAINER QUANTITY & PRESERVATION		Carrier: <i>Pace</i>
Chemistry Contact: <i>Grant Anderson</i>		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, 1x25-g Other:	ANALYSIS REQUESTED (See Back of COC for Definitions)
Sampler(s): <i>R. Field / R. Aamot</i>						MS/MSD Request
SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)		DATE (mm/dd/yy)	TIME (hh:mm)	Total Containers/Sample	COMMENTS/ SPECIAL INSTRUCTIONS:	
1	W-171009-RF-01	10/9/17		3	3X	023
2		-02		3		024
3		-03		3		025
4		-04		3		026
5	W-171010-RF-06	10/10/17		3		027
6		-07		3		028
7		-08		3		029
8		-09		3		030
9		-10		3		031
10		-11		3		032
11		-12		3		033
12	Trip Blank	10/10/17		1	VOCs	034
13						
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: **37** Notes/ Special Requirements:

All Samples in Cooler must be on COC

Temp = 0.2°C

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
1. <i>Paragon</i> Page 113	GHD	10/11/17	10:00	1. <i>G. G.</i>	PACE	10/11/17	1000
2. <i>AGM/PLC</i>	PACE	10/11/17	1020	2. <i>J. M.</i>	PACE	10/11/17	1020
3. <i>AGM/PLC</i>				3. <i>J. M.</i>			

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Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10A (20110804)



**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-02508

PAGE 3 OF 3

(See Reverse Side for Instructions)

Page 14

Project No/Phase/Task Code: <i>Kabel Auto</i>			Laboratory Name: <i>Pace</i>			Lab Location: <i>Nipps</i>			SSOW ID:		
Project Name: <i>111396122</i>			Lab Contact: <i>Tina Soltani</i>			Lab Quote No:			Cooler No:		
Project Location: <i>Blindlawn, WI</i>			SAMPLE TYPE			CONTAINER QUANTITY & PRESERVATION			ANALYSIS REQUESTED (See Back of COC for Definitions)		
Chemistry Contact: <i>Grant Anderson</i>			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 3x5g, 1x25g
Sampler(s): <i>R Field / R. Aamot</i>										Other:	Total Containers/Sample
Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)		DATE (mm/dd/yy)	TIME (hh:mm)							
1	10-171009-RF-01 GP1		10/9/17	1330		3					X VOCs
2	10-171010-RF-02 GP2			1415		3					
3	10-171010-RF-03 GP4			1500		3					
4	10-171010-RF-04 GP5			1600		3					
5	10-171010-RF-06 GP7		10/10/17	815		3					
6	10-171010-RF-07 GP8			850		3					
7	10-171010-RF-08 GP9			900		3					
8	10-171010-RF-09 GP10			930		3					
9	10-171010-RF-10 GP11			1030		3					
10	10-171010-RF-11 GP12			1100		3					
11	10-171010-RF-12 GP13			1130		3					
12	Trip Blank		10/11/17								
13											
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: 37

Notes/ Special Requirements:

All Samples in Cooler must be on COC

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
1. <i>Patricia French</i>	SHD	10/11/17	10:00	1.			
2.				2.			
3.				3.			

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

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10A (20110804)



Document Name:
Sample Condition Upon Receipt Form
Document No.:
F-MN-L-213-rev.21

Document Revised: 30Aug2017
Page 1 of 2
Issuing Authority:
Pace Minnesota Quality Office

Sample Condition
Upon Receipt

Client Name:

former babel Atc

Project #:

WO# : 10406679

Courier: FedEx UPS USPS Client

Commercial

Pace

SpeeDee

Other: _____

Tracking Number: _____



10406679

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 Used: 151401163
 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 16/11/17*

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	12. No date, tank, sample id on all soil samples, label was on bubble bag - no time or car or label on all water vials	
-Includes Date/Time/ID/Analysis Matrix:	<i>SL 1 WT</i>		
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 #	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed:		Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input 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): <i>09/17-3</i>			

CLIENT NOTIFICATION/RESOLUTION

Person Contacted: Grant Anderson

Field Data Required? Yes No

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: *Jina Blair*

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



Workorder: 10406679

Workorder Name: 11139422 FORMER KABEL AUTO

Owner Received Date: 10/11/2017 Results Requested By: 10/25/2017

Report To		Subcontract To		Requested Analysis												
Tina Soltani Pace Analytical Minnesota 1700 Elm Street Suite 200 Minneapolis, MN 55414 Phone (612)607-6384		Pace Analytical Green Bay 1241 Bellevue Street Suite 9 Green Bay, WI 54302 Phone (920)469-2436														
Preserved Containers																
Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	MeOH	Unpreserved									LAB USE ONLY
1	S-171009-RF-01	PS	10/9/2017 14:30	10406679001	Solid	2	2				X					2-40mlv F 2-40mlv E
2	S-171009-RF-02	PS	10/9/2017 14:35	10406679002	Solid	2	2				X					
3	S-171009-RF-03	PS	10/9/2017 15:00	10406679003	Solid	2	2				X					
4	S-171009-RF-04	PS	10/9/2017 15:05	10406679004	Solid	2	2				X					
5	S-171009-RF-05	PS	10/9/2017 15:25	10406679005	Solid	2	2				X					
6	S-171009-RF-06	PS	10/9/2017 15:45	10406679006	Solid	2	2				X					
7	S-171009-RF-07	PS	10/9/2017 16:15	10406679007	Solid	2	2				X					
8	S-171009-RF-08	PS	10/9/2017 16:20	10406679008	Solid	2	2				X					
9	S-171009-RF-09	PS	10/9/2017 16:50	10406679009	Solid	2	2				X					
10	S-171010-RF-10	PS	10/10/2017 08:05	10406679010	Solid	2	2				X					
11	S-171010-RF-11	PS	10/10/2017 08:35	10406679011	Solid	2	2				X					
12	S-171010-RF-12	PS	10/10/2017 09:00	10406679012	Solid	2	2				X					
13	S-171010-RF-13	PS	10/10/2017 09:05	10406679013	Solid	2	2				X					
14	S-171010-RF-14	PS	10/10/2017 09:25	10406679014	Solid	2	2				X					
15	S-171010-RF-15	PS	10/10/2017 09:35	10406679015	Solid	2	2				X					
16	S-171010-RF-16	PS	10/10/2017 10:35	10406679016	Solid	2	2				X					
17	S-171010-RF-17	PS	10/10/2017 10:40	10406679017	Solid	2	2				X					
18	S-171010-RF-18	PS	10/10/2017 11:15	10406679018	Solid	2	2				X					
19	S-171010-RF-19	PS	10/10/2017 11:10	10406679019	Solid	2	2				X					

10/13/17
BBOKsy

Chain of Custody

40158651
Page 1 of 118

Workorder: 10406679 Workorder Name: 11139422 FORMER KABEL AUTO Owner Received Date: 10/11/2017 Results Requested By: 10/25/2017

****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

Pace Analytical™

Project #:

WO# : 40158651

Client Name: Pace Mn

Courier: FedEx UPS Client Pace Other: Waltco
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

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C.

Comments:

Person examining contents:

Date: 10/13/17

Initials: BD

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 type="checkbox"/> N/A	4. <u>IRWO BA 10/13/17</u> <small>an 10/13/17</small>		
Samples Arrived within Hold Time: - VOA Samples frozen upon receipt	<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> <small>BA 10/13/17</small>		
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: -Pace Containers Used: -Pace IR Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.		
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: -Includes date/time/ID/Analysis Matrix:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>S</u>		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH +ZnAct		
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO ₃ , H ₂ SO ₄ ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	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

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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					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
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						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
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	Client Sample ID						
Method	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		

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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	

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							
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	

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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	

REPORT OF LABORATORY ANALYSIS

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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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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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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/m ³	1.5	1.5	1	25	
Naphthalene	ug/m ³	ND	3.8 U		25	
o-Xylene	ug/m ³	ND	0.66J		25	
Propylene	ug/m ³	ND	0.50 U		25	
Styrene	ug/m ³	ND	1.3 U		25	
Tetrachloroethene	ug/m ³	11.2	11.2	1	25	
Tetrahydrofuran	ug/m ³	ND	0.86 U		25	
Toluene	ug/m ³	4.1	4.1	1	25	
trans-1,2-Dichloroethene	ug/m ³	ND	1.2 U		25	
trans-1,3-Dichloropropene	ug/m ³	ND	1.3 U		25	
Trichloroethene	ug/m ³	ND	0.71J		25	
Trichlorofluoromethane	ug/m ³	ND	1.6 U		25	
Vinyl acetate	ug/m ³	ND	1.0 U		25	
Vinyl chloride	ug/m ³	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

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St. Paul, Minnesota 55112 United States
Phone: (651) 639-0913 Fax: (651) 639-0923

CO NO. SP- 01571
PAGE 2 OF 3

(See Reverse Side for Instructions)

10406861

Project No/Phase/Task Code: 11139422			Laboratory Name: PACE						Lab Location: MINNEAPOLIS, MN			SSOW ID:						
Project Name: Former KAFER AUTO			Lab Contact:						Lab Quote No:			Cooler No:						
Project Location: RHINELANDER, WI			SAMPLE TYPE						CONTAINER QUANTITY & PRESERVATION			ANALYSIS REQUESTED (See Back of COC for Definitions)	Carrier: PACE					
Chemistry Contact: GRANT ANDERSON													Airbill No:					
Sampler(s): R. Field, R. Ament													Date Shipped: 10/11/17					
Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)		DATE (mm/dd/yy)	TIME (hh:mm)	Matrix Code (see back of COC)	Grab (g) or Comp (C)	ADDITIONAL COMPONENT	Hydrochloric Acid (HCl)	Nitric Acid (HNO ₃)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water [Soil VOC] (VOC)	Encores 3x5g, 1x25g	Other:	Total Containers/Sample	MSDS Request	COMMENTS/ SPECIAL INSTRUCTIONS:	
	1	S-171010-SF-16															10/10/17	16:35
2				16:40									2	3 X	SOIL VOC 018			
3				11:15				1					2	3 X	SAMPLE 019			
4				11:10				1					2	3 X	TIME 020			
5				11:40				1					2	3 X	021			
6				12:10				1					2	3 X	022			
7				12:05				1					2	3 X				
8																		
9	G-171010-RA-01	10/10/17	1025	GS									1	X	001			
10				11:19									1	X	002			
11				12:05									1	X	003			
12				12:07									1	X	004			
13				12:09									1	X	005			
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: **36**

Notes/ Special Requirements:

All Samples in Cooler must be on COC

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
1. <i>Ron Judd</i> Page 25 of 26	GHD	10/11/17	10:00	1. <i>J. G. MAYER</i>	PAGE	10/11/17	10:00
2. <i>J. G. MAYER</i>	PACE	10/11/17	10:20	2. <i>Robert P. Ament</i>	PACE	10/11/17	10:20
3. <i>Robert P. Ament</i>	PACE			3. <i>Robert P. Ament</i>	PACE	10/11/17	18:55

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

Distribution: WHITE - Fully Executed Copy (CRA) YELLOW - Receiving Laboratory Copy PINK - Shipper GOLDENROD - Sampling Crew

CRA Form: COC-10A (20110804)

10-11-17 @ 18:55

air cans received separate on 10-11-17 @ 18:55
at 10-12-17



Document Name:
Air Sample Condition Upon Receipt
Document No.:
F-MN-A-106-rev.12

Document Revised: 30Aug2 O17
Page 1 of 1
Issuing Authority:
Pace Minnesota Quality Office

Air Sample Condition
Upon Receipt

Client Name:

CRA

Project #:

WO# : 10406861

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



10406861

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
Temp should be above freezing to 6°C Correction Factor: Date & Initials of Person Examining Contents: MJS 10/12/17 G87A9155100842

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: <input checked="" type="checkbox"/> Air Can <input type="checkbox"/> Airbag <input type="checkbox"/> Filter TDT Passive				11. Individually Certified Cans Y <input checked="" type="checkbox"/> N <input type="checkbox"/> (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:

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

Table 2A

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

Table 2A

Page 2 of 4

**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						
Chlorobromomethane	µg/L	1.0 U					
Chloroethane	µg/L	1.0 U					
Chloroform (Trichloromethane)	µg/L	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
cis-1,2-Dichloroethene	µg/L	1.0 U					
cis-1,3-Dichloropropene	µg/L	4.0 U					
Cymene (p-Isopropyltoluene)	µg/L	0.65 J	85.9 J	1.0 U	43.7	17.8	1.0 U
Dibromochloromethane	µg/L	1.0 U					
Dibromomethane	µg/L	4.0 U					
Dichlorodifluoromethane (CFC-12)	µg/L	4.0 U					
Dichlorofluoromethane	µg/L	1.0 U					
Ethyl ether	µg/L	4.0 U					
Ethylbenzene	µg/L	0.14 J	2.9 J	1.0 U	2.5	1.0	1.0 U
Hexachlorobutadiene	µg/L	1.0 U					
Isopropyl benzene	µg/L	1.0 U	9.1 J	1.0 U	17.5	1.7	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	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
N-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	16.1	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
Naphthalene	µg/L	4.0 U	35.9 J	4.0 U	34.4	13.8	4.0 U
Styrene	µg/L	1.0 U					
tert-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	7.8	1.7	1.0 U
Tetrachloroethene	µg/L	2.7	0.60 J	1.0 U	1.0 U	1.0 U	0.52 J
Tetrahydrofuran	µg/L	10.0 U					
Toluene	µg/L	1.0 U	0.90 J	0.21 J	0.38 J	0.38 J	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U					
trans-1,3-Dichloropropene	µg/L	4.0 U					
Trichloroethene	µg/L	0.40 U	0.39 J				
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U					
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U					
Vinyl chloride	µg/L	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

Table 2A

**Validated Analytical Results Summary - Groundwater
Groundwater, Soil, and Soil Gas Sampling Event
Kabel Auto Site
Rhineland, 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	GP5	GP7	GP8	GP9
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
Rhineland, 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	GP5	GP7	GP8	GP9
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
Trifluorotrichloroethane (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

Table 2B

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**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
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Volatile Organic Compounds

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

Table 2B

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**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	GP1	GP1	GP10	GP10	GP11	GP11
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

Table 2B

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**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
Naphthalene	µg/kg	11.2 U	10.6 U	10.7 U	10.6 U	11.0 U
o-Xylene	µg/kg	13.1 U	12.5 U	12.6 U	12.4 U	13.0 U
Styrene	µg/kg	14.4 U	13.7 U	13.8 U	13.6 U	14.2 U
tert-Butylbenzene	µg/kg	10.9 U	10.4 U	10.5 U	10.4 U	10.8 U
Tetrachloroethene	µg/kg	15.5 U	14.8 U	14.9 U	14.7 U	15.4 U
Tetrahydrofuran	µg/kg	16.2 U	15.4 U	15.5 U	15.4 U	16.0 U
Toluene	µg/kg	12.3 U	11.7 U	11.8 U	11.7 U	12.2 U
trans-1,2-Dichloroethene	µg/kg	18.4 U	17.5 U	17.7 U	17.4 U	18.2 U
trans-1,3-Dichloropropene	µg/kg	8.3 U	7.9 U	7.9 U	7.9 U	8.2 U
Trichloroethene	µg/kg	12.1 U	11.5 U	11.6 U	11.5 U	12.0 U
Trichlorofluoromethane (CFC-11)	µg/kg	20.3 U	19.3 U	19.4 U	19.2 U	20.1 U
Trifluorotrichloroethane (CFC-113)	µg/kg	22.4 U	21.3 U	21.5 U	21.2 U	22.2 U
Vinyl chloride	µg/kg	15.8 U	15.0 U	15.1 U	14.9 U	15.6 U
Xylenes (total)	µg/kg	41.6 U	39.6 U	39.8 U	39.3 U	41.1 U
General Chemistry						
Percent moisture	%	5.0	3.8	3.1	2.8	4.7
						2.3

Table 2B

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**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	
1,1,1,2-Tetrachloroethane	µg/kg
1,1,1-Trichloroethane	µg/kg
1,1,2,2-Tetrachloroethane	µg/kg
1,1,2-Trichloroethane	µg/kg
1,1-Dichloroethane	µg/kg
1,1-Dichloroethene	µg/kg
1,1-Dichloropropene	µg/kg
1,2,3-Trichlorobenzene	µg/kg
1,2,3-Trichloropropane	µg/kg
1,2,4-Trichlorobenzene	µg/kg
1,2,4-Trimethylbenzene	µg/kg
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg
1,2-Dibromoethane (Ethylene dibromide)	µg/kg
1,2-Dichlorobenzene	µg/kg
1,2-Dichloroethane	µg/kg
1,2-Dichloroethene (total)	µg/kg
1,2-Dichloropropane	µg/kg
1,3,5-Trimethylbenzene	µg/kg
1,3-Dichlorobenzene	µg/kg
1,3-Dichloropropane	µg/kg
1,4-Dichlorobenzene	µg/kg
2,2-Dichloropropane	µg/kg
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg
2-Chlorotoluene	µg/kg
2-Phenylbutane (sec-Butylbenzene)	µg/kg
4-Chlorotoluene	µg/kg
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg

10.8 U	10.4 U	68.7 U	11.0 U	11.2 U	10.3 U
18.6 U	17.9 U	68.7 U	18.9 U	19.3 U	17.7 U
11.7 U	11.3 U	68.7 U	12.0 U	12.2 U	11.2 U
13.2 U	12.7 U	68.7 U	13.5 U	13.8 U	12.6 U
15.7 U	15.2 U	68.7 U	16.1 U	16.4 U	15.1 U
17.8 U	17.2 U	68.7 U	18.2 U	18.6 U	17.1 U
18.3 U	17.6 U	68.7 U	18.7 U	19.1 U	17.5 U
12.3 U	11.9 U	68.7 U	12.6 U	12.9 U	11.8 U
12.1 U	11.6 U	68.7 U	12.3 U	12.6 U	11.5 U
12.5 U	12.1 U	286 U	12.8 U	13.1 U	12.0 U
11.1 U	10.6 U	68.7 U	11.3 U	11.5 U	10.6 U
16.0 U	15.4 U	286 U	16.3 U	16.6 U	15.3 U
13.8 U	13.2 U	68.7 U	14.0 U	14.3 U	13.2 U
12.2 U	11.8 U	68.7 U	12.5 U	12.7 U	11.7 U
17.7 U	17.1 U	68.7 U	18.1 U	18.5 U	17.0 U
36.3 U	34.9 U	137 U	37.0 U	37.8 U	34.7 U
11.0 U	10.6 U	68.7 U	11.2 U	11.4 U	10.5 U
11.4 U	11.0 U	68.7 U	11.6 U	11.9 U	10.9 U
12.3 U	11.9 U	68.7 U	12.6 U	12.9 U	11.8 U
11.1 U	10.6 U	68.7 U	11.3 U	11.5 U	10.6 U
11.7 U	11.3 U	68.7 U	11.9 U	12.2 U	11.2 U
18.2 U	17.5 U	68.7 U	18.6 U	19.0 U	17.4 U
16.0 U	15.4 U	286 U	16.3 U	16.6 U	15.3 U
11.2 U	10.8 U	68.7 U	11.5 U	11.7 U	10.7 U
12.1 U	11.7 U	68.7 U	12.4 U	12.7 U	11.6 U
13.0 U	12.6 U	68.7 U	13.3 U	13.6 U	12.5 U
11.2 U	10.8 U	286 U	11.4 U	11.7 U	10.7 U

Table 2B

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**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

Table 2B

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**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
Naphthalene	µg/kg	11.1 U	10.7 U	286 U	11.3 U	11.5 U
o-Xylene	µg/kg	13.0 U	12.5 U	68.7 U	13.3 U	13.5 U
Styrene	µg/kg	14.2 U	13.7 U	68.7 U	14.5 U	14.8 U
tert-Butylbenzene	µg/kg	10.8 U	10.4 U	68.7 U	11.1 U	11.3 U
Tetrachloroethene	µg/kg	15.4 U	14.8 U	68.7 U	15.7 U	16.0 U
Tetrahydrofuran	µg/kg	16.1 U	15.5 U	286 U	16.4 U	16.7 U
Toluene	µg/kg	12.2 U	11.8 U	68.7 U	12.5 U	12.7 U
trans-1,2-Dichloroethene	µg/kg	18.3 U	17.6 U	68.7 U	18.6 U	19.0 U
trans-1,3-Dichloropropene	µg/kg	8.2 U	7.9 U	68.7 U	8.4 U	8.6 U
Trichloroethene	µg/kg	12.0 U	11.6 U	68.7 U	12.2 U	12.5 U
Trichlorofluoromethane (CFC-11)	µg/kg	20.1 U	19.3 U	68.7 U	20.5 U	20.9 U
Trifluorotrichloroethane (CFC-113)	µg/kg	22.2 U	21.4 U	68.7 U	22.7 U	23.1 U
Vinyl chloride	µg/kg	15.6 U	15.0 U	68.7 U	15.9 U	16.3 U
Xylenes (total)	µg/kg	41.2 U	39.7 U	206 U	42.0 U	42.9 U
General Chemistry						
Percent moisture	%	5.1	6.0	6.0	4.7	7.2
						5.3

Table 2B

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**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
1,1,1-Trichloroethane	µg/kg
1,1,2,2-Tetrachloroethane	µg/kg
1,1,2-Trichloroethane	µg/kg
1,1-Dichloroethane	µg/kg
1,1-Dichloroethene	µg/kg
1,1-Dichloropropene	µg/kg
1,2,3-Trichlorobenzene	µg/kg
1,2,3-Trichloropropane	µg/kg
1,2,4-Trichlorobenzene	µg/kg
1,2,4-Trimethylbenzene	µg/kg
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg
1,2-Dibromoethane (Ethylene dibromide)	µg/kg
1,2-Dichlorobenzene	µg/kg
1,2-Dichloroethane	µg/kg
1,2-Dichloroethene (total)	µg/kg
1,2-Dichloropropane	µg/kg
1,3,5-Trimethylbenzene	µg/kg
1,3-Dichlorobenzene	µg/kg
1,3-Dichloropropane	µg/kg
1,4-Dichlorobenzene	µg/kg
2,2-Dichloropropane	µg/kg
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg
2-Chlorotoluene	µg/kg
2-Phenylbutane (sec-Butylbenzene)	µg/kg
4-Chlorotoluene	µg/kg
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg

10.2 U	10.3 U	10.8 U	10.3 U	10.2 U	10.3 U
17.6 U	17.8 U	18.7 U	17.7 U	17.6 U	17.8 U
11.2 U	11.2 U	11.8 U	11.2 U	11.1 U	11.3 U
12.6 U	12.7 U	13.3 U	12.6 U	12.5 U	12.7 U
15.0 U	15.1 U	15.8 U	15.0 U	14.9 U	15.1 U
17.0 U	17.1 U	18.0 U	17.0 U	16.9 U	17.2 U
17.4 U	17.5 U	18.4 U	17.5 U	17.3 U	17.6 U
11.7 U	11.8 U	12.4 U	11.8 U	11.7 U	11.9 U
11.5 U	11.6 U	12.1 U	11.5 U	11.4 U	11.6 U
11.9 U	12.0 U	12.6 U	12.0 U	11.9 U	12.1 U
10.5 U	10.6 U	11.1 U	10.5 U	10.5 U	10.6 U
15.2 U	15.3 U	16.1 U	15.3 U	15.1 U	15.4 U
13.1 U	13.2 U	13.9 U	13.1 U	13.0 U	13.2 U
11.6 U	11.7 U	12.3 U	11.7 U	11.6 U	11.8 U
16.9 U	17.0 U	17.9 U	16.9 U	16.8 U	17.1 U
34.5 U	34.8 U	36.5 U	34.6 U	34.3 U	34.9 U
10.4 U	10.5 U	11.0 U	10.5 U	10.4 U	10.5 U
10.9 U	10.9 U	11.5 U	10.9 U	10.8 U	11.0 U
11.7 U	11.8 U	12.4 U	11.8 U	11.7 U	11.9 U
10.5 U	10.6 U	11.1 U	10.5 U	10.5 U	10.6 U
11.1 U	11.2 U	11.8 U	11.2 U	11.1 U	11.2 U
17.3 U	17.5 U	18.3 U	17.4 U	17.3 U	17.5 U
15.2 U	15.3 U	16.1 U	15.3 U	15.1 U	15.4 U
10.7 U	10.8 U	11.3 U	10.7 U	10.6 U	10.8 U
11.6 U	11.6 U	12.2 U	11.6 U	11.5 U	11.7 U
12.4 U	12.5 U	13.1 U	12.5 U	12.4 U	12.5 U
10.7 U	10.7 U	11.3 U	10.7 U	10.6 U	10.8 U

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**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	GP5	GP6	GP6	GP6	GP7	GP7
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

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

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**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	GP8	GP8	GP9	GP9
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

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**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	GP8	GP8	GP9	GP9
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

Table 2B

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**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	GP8	GP8	GP9	GP9
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
Trifluorotrichloroethane (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
JJ - Estimated reporting limit

Table 2C

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**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	GP11	GP5	GP7	GP8	GP9
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-Dichlortetrafluoroethane (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

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**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	GP11	GP5	GP7	GP8	GP9
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
Trifluorotrichloroethane (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	Collection to Extraction	Holding Time
			(Days)	Collection or Extraction to Analysis
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
Rhinelander, 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	Control Limits		Analyte	Qualified Result	Units
			% Recovery	% Recovery				
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
						Tetrachloroethylene	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	LCSD	RPD (percent)	Control Limits		Associated Sample ID	Qualified Result	Units
			% Recovery	% Recovery		% 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