

12/11/2023

Mr. Steve Meer

The Sigma Group

1300 West Canal Street

Milwaukee WI 53233

Project Name: Werners Cleaners

Project #: 21985

Workorder #: 2311585A

Dear Mr. Steve Meer

The following report includes the data for the above referenced project for sample(s) received on 11/25/2023 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Passive S.E. WMS are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Jade White at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Jade White

Project Manager

WORK ORDER #: 2311585A

Work Order Summary

CLIENT:	Mr. Steve Meer The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	BILL TO:	Mr. Steve Meer The Sigma Group 1300 West Canal Street Milwaukee, WI 53233
PHONE:	414-643-4200	P.O. #	
FAX:	414-643-4210	PROJECT #	21985 Werners Cleaners
DATE RECEIVED:	11/25/2023	CONTACT:	Jade White
DATE COMPLETED:	12/11/2023		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
01A	06A_SSV_01D_20231120	Passive S.E. WMS
02A	Lab Blank	Passive S.E. WMS
03A	CCV	Passive S.E. WMS
04A	LCS	Passive S.E. WMS
04AA	LCSD	Passive S.E. WMS

CERTIFIED BY: 

 Technical Director

DATE: 12/11/23

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP – 209222, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP – T104704434-22-18, UT NELAP – CA009332022-14, VA NELAP - 12240, WA ELAP - C935
 Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-017
 Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

**LABORATORY NARRATIVE
WMS Passive SE by Mod EPA TO-17
The Sigma Group
Workorder# 2311585A**

One WMS-VP sample was received on November 25, 2023. The laboratory analyzed the charcoal sorbent bed of the passive sampler following modified method EPA TO-17. The VOCs were chemically extracted using carbon disulfide and an aliquot of the extract was injected into a GC/MS for identification and quantification of volatile organic compounds (VOCs).

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the sampling rate for each VOC. If sampling rates were calculated by the lab or the manufacturer, the concentration result has been flagged as an estimated value. Results are not corrected for desorption efficiency.

Please note that 1,1,2,2-Tetrachloroethane (1,1,2,2-PCA) can degrade into Trichloroethene (TCE) during storage on the charcoal-based sorbent used in the WMS device. Samples containing 1,1,2,2-PCA may yield reduced concentrations of 1,1,2,2-PCA and elevated concentrations of TCE.

The reference method used for this procedure is EPA TO-17, which describes the collection of VOCs in ambient air using sorbents and analysis by GC/MS. Because TO-17 describes active sample collection using a pump and thermal desorption as the preparation step, several modifications are required. Modifications to TO-17 are listed in the table below:

<i>Requirement</i>	<i>TO-17</i>	<i>ATL Modifications</i>
Sample Collection	Pump pulls measured air volume through sorbent tube	VOCs in air adsorbed onto sorbent bed passively through diffusion
Sample Preparation	Thermal extraction	Solvent extraction
Sorbent tube conditioning	Condition newly packed tubes prior to use	Charcoal-based sorbent is a single use media and conditioning is conducted by vendor.
Instrumentation	Thermal desorption introduction system	Liquid injection introduction system
Internal Standard	Gas-phase internal standard introduced on the tube or focusing trap during analysis	Liquid-phase internal standard introduced on the tube at the time of extraction
Media and sample storage	<4 deg C, 30 days	Media shelf life is determined by vendor; sample hold-time is 6 months for the RAD130 and WMS. Sample preservation requirements are storage in a cool, solvent-free refrigerator and optional use of ice during shipping.
Internal Standard Recovery	+/-40% of daily CCV area	-50% to +100% of daily CCV area

Receiving Notes

The Chain of Custody was missing method information. The laboratory proceeded with the analysis as

per the original contract or verbal agreement.

Sample collection date was incomplete on the Chain of Custody for sample 06A_SSV_01D_20231120. The year of collection was assumed to be 2023.

Analytical Notes

To calculate ug/m³ concentrations in the Lab Blank, a sampling duration of 15800 minutes was applied.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Definition of Data Qualifying Flags

Ten qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

C - Estimated concentration due to calculated sampling rate

CN - See case narrative explanation.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Air Toxics

**Summary of Detected Compounds
VOC BY PASSIVE SAMPLER - GC/MS**

Client Sample ID: 06A_SSV_01D_20231120

Lab ID#: 2311585A-01A

No Detections Were Found.



Air Toxics

Client Sample ID: 06A_SSV_01D_20231120

Lab ID#: 2311585A-01A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	18113028sim	Date of Collection: 11/20/23 10:10:00 A
Dil. Factor:	1.00	Date of Analysis: 11/30/23 07:45 PM
		Date of Extraction: 11/30/23

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Vinyl Chloride	0.20	130	Not Detected	Not Detected
trans-1,2-Dichloroethene	0.10	23	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.050	7.0	Not Detected	Not Detected
Trichloroethene	0.050	3.8	Not Detected	Not Detected
Tetrachloroethene	0.050	2.4	Not Detected	Not Detected

Temperature = 77.0F , duration time = 15800 minutes.

Container Type: WMS-VP

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2311585A-02A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	18113012sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/30/23 12:09 PM
		Date of Extraction:	11/30/23

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Vinyl Chloride	0.20	130	Not Detected	Not Detected
trans-1,2-Dichloroethene	0.10	23	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.050	7.0	Not Detected	Not Detected
Trichloroethene	0.050	3.8	Not Detected	Not Detected
Tetrachloroethene	0.050	2.4	Not Detected	Not Detected

Temperature = 77.0F , duration time = 15800 minutes.

Container Type: WMS-VP

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130



Client Sample ID: CCV

Lab ID#: 2311585A-03A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	18113009sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/30/23 10:48 AM
		Date of Extraction: NA

Compound	%Recovery
Vinyl Chloride	135
trans-1,2-Dichloroethene	112
cis-1,2-Dichloroethene	109
Trichloroethene	93
Tetrachloroethene	92

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130

Client Sample ID: LCS

Lab ID#: 2311585A-04A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	18113010sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/30/23 11:15 AM
		Date of Extraction:	11/30/23

Compound	%Recovery	Method Limits
Vinyl Chloride	184 Q	50-140
trans-1,2-Dichloroethene	122	70-130
cis-1,2-Dichloroethene	117	70-130
Trichloroethene	108	70-130
Tetrachloroethene	96	70-130

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130

Client Sample ID: LCSD

Lab ID#: 2311585A-04AA

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	18113011sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/30/23 11:42 AM
		Date of Extraction:	11/30/23

Compound	%Recovery	Method Limits
Vinyl Chloride	163 Q	50-140
trans-1,2-Dichloroethene	114	70-130
cis-1,2-Dichloroethene	108	70-130
Trichloroethene	103	70-130
Tetrachloroethene	96	70-130

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130



Air Toxics

Passive Sorbent Chain of Custody

WO#

2311585

Case Seal #: _____

Company: The Sigma Group Inc Project #: 21985 P.O. #: _____
 Project Manager: Stephen Meier Project Name: Werners Cleaners
 Contact phone/email: 414 643 4124 smee@thesigmagroup.com Collected by: Chelsea Egnath

Lab I.D.	Sample Identification	Sampler ID	Date of Deployment (mm/dd/yy)	Time of Deployment (hr:min)	Date of Retrieval (mm/dd/yy)	Time of Retrieval (hr:min)	Sample Matrix (check one)				Reporting Units (circle)		Turn Around Time:
							Indoor/Outdoor Air	Soil Gas	Workplace Monitoring	Other ()	ppbv (µg/m ³)	ppmv (mg/m ³)	
01A	01eA-SSV-01D-20231120 AN-VP-23-020		11/9	1050	11/20	1010		X					<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush Specify _____
02A	01eA-IAB-01D-20231120 VBOU4		11/9	1140	11/20	1000	X						PCE, TCE, cis-1,2-DCE,
03A	01eA-IA1-01D-20231120 VBOU5		11/9	1050	11/20	1010	X						trans-1,2-DCE, vinyl chloride

Relinquished by: (signature) <u>Chelsea Egnath</u>	Date <u>11/21/2023</u>	Time <u>1000</u>	Received by: (signature) <u>Armin D. EATL</u>	Date <u>11/25/23</u>	Time <u>1030</u>	Notes to Lab:
Relinquished by: (signature)	Date	Time	Received by: (signature)	Date	Time	

Relinquishing signature on this document indicates that samples are shipped in compliance with all applicable local, State, Federal, and international laws, regulations, and ordinances of any kind. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Eurofins Air Toxics against any claim, demand, or action, of any kind, related to the collection, handling, of shipping of samples.

Lab Use Only					
Shipper Name: <u>FedEx UPS</u>	Custody Seals Intact? Yes No None	Sample Condition Upon Receipt: (circle) Good	SDR		
Air Bill #: <u>AD 11/25/23</u>	Temperature (°C)				

12/11/2023

Mr. Steve Meer

The Sigma Group

1300 West Canal Street

Milwaukee WI 53233

Project Name: Werners Cleaners

Project #: 21985

Workorder #: 2311585B

Dear Mr. Steve Meer

The following report includes the data for the above referenced project for sample(s) received on 11/25/2023 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Passive S.E. RAD130/SKC are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Jade White at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Jade White

Project Manager

WORK ORDER #: 2311585B

Work Order Summary

CLIENT: Mr. Steve Meer
The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

BILL TO: Mr. Steve Meer
The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

PHONE: 414-643-4200
FAX: 414-643-4210
DATE RECEIVED: 11/25/2023
DATE COMPLETED: 12/11/2023

P.O. #
PROJECT # 21985 Werners Cleaners
CONTACT: Jade White

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
02A	06A_IAB_01D_20231120	Passive S.E. RAD130/SKC
03A	06A_IA1_01D_20231120	Passive S.E. RAD130/SKC
04A	Lab Blank	Passive S.E. RAD130/SKC
05A	CCV	Passive S.E. RAD130/SKC
06A	LCS	Passive S.E. RAD130/SKC
06AA	LCSD	Passive S.E. RAD130/SKC

CERTIFIED BY:



Technical Director

DATE: 12/11/23

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP – 209222, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP – T104704434-22-18, UT NELAP – CA009332022-14, VA NELAP - 12240, WA ELAP - C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-017

Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000

**LABORATORY NARRATIVE
RAD130 Passive SE by Mod EPA TO-17
The Sigma Group
Workorder# 2311585B**

Two Radiello 130 (Solvent) samples were received on November 25, 2023. The laboratory analyzed the charcoal sorbent bed of the passive sampler following modified method EPA TO-17. The VOCs were chemically extracted using carbon disulfide and an aliquot of the extract was injected into a GC/MS for identification and quantification of volatile organic compounds (VOCs).

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the sampling rate for each VOC. If sampling rates were calculated by the lab or the manufacturer, the concentration result has been flagged as an estimated value. Results are not corrected for desorption efficiency.

The reference method used for this procedure is EPA TO-17, which describes the collection of VOCs in ambient air using sorbents and analysis by GC/MS. Because TO-17 describes active sample collection using a pump and thermal desorption as the preparation step, several modifications are required. Modifications to TO-17 are listed in the table below:

<i>Requirement</i>	<i>TO-17</i>	<i>ATL Modifications</i>
Sample Collection	Pump pulls measured air volume through sorbent tube	VOCs in air adsorbed onto sorbent bed passively through diffusion
Sample Preparation	Thermal extraction	Solvent extraction
Sorbent tube conditioning	Condition newly packed tubes prior to use	Charcoal-based sorbent is a single use media and conditioning is conducted by vendor.
Instrumentation	Thermal desorption introduction system	Liquid injection introduction system
Internal Standard	Gas-phase internal standard introduced on the tube or focusing trap during analysis	Liquid-phase internal standard introduced on the tube at the time of extraction
Media and sample storage	<4 deg C, 30 days	Media shelf life is determined by vendor; sample hold-time is 6 months for the RAD130 and WMS. Sample preservation requirements are storage in a cool, solvent-free refrigerator and optional use of ice during shipping.
Internal Standard Recovery	+/-40% of daily CCV area	-50% to +100% of daily CCV area

Receiving Notes

The Chain of Custody was missing method information. The laboratory proceeded with the analysis as per the original contract or verbal agreement.

Sample collection date was incomplete on the Chain of Custody for samples 06A_IAB_01D_20231120 and 06A_IA1_01D_20231120. The year of collection was assumed to be

2023.

Analytical Notes

The uptake rates were corrected based on average field temperatures if provided. In the absence of field temperatures, the uptake rates determined at 25 deg C were used.

If validated uptake rates were not available, rates were estimated using the chemical's diffusion coefficient in air and the geometric constant of the sampler. Chemicals that are poorly retained by the sorbent over the sampling duration may exhibit a low bias. All concentrations calculated using estimated rates are qualified with a "C" flag.

To calculate ug/m³ concentrations in the Lab Blank, a sampling duration of 15800 minutes was applied. The assumed temperature used for the uptake rate is listed on the data page. If the field temperatures were provided, the rate was adjusted in the same manner as the field samples.

Definition of Data Qualifying Flags

Ten qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

C - Estimated concentration due to calculated sampling rate

CN - See case narrative explanation.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds
VOCS BY PASSIVE SAMPLER - GC/MS**

Client Sample ID: 06A_IAB_01D_20231120

Lab ID#: 2311585B-02A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Tetrachloroethene	0.10	0.11	0.11	0.12

Client Sample ID: 06A_IA1_01D_20231120

Lab ID#: 2311585B-03A

No Detections Were Found.



Air Toxics

Client Sample ID: 06A_IAB_01D_20231120

Lab ID#: 2311585B-02A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	18120522sim	Date of Collection:	11/20/23 10:00:00 A
Dil. Factor:	1.00	Date of Analysis:	12/5/23 05:22 PM
		Date of Extraction:	12/5/23

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.092	Not Detected	Not Detected
Tetrachloroethene	0.10	0.11	0.11	0.12
cis-1,2-Dichloroethene	0.10	0.10	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.21	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 15740 minutes.

Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130



Air Toxics

Client Sample ID: 06A_IA1_01D_20231120

Lab ID#: 2311585B-03A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	18120523sim	Date of Collection:	11/20/23 10:10:00 A
Dil. Factor:	1.00	Date of Analysis:	12/5/23 05:50 PM
		Date of Extraction:	12/5/23

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.092	Not Detected	Not Detected
Tetrachloroethene	0.10	0.11	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.10	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.21	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 15800 minutes.

Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

Client Sample ID: Lab Blank

Lab ID#: 2311585B-04A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	18120506sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	12/5/23 09:54 AM
		Date of Extraction:	12/5/23

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.092	Not Detected	Not Detected
Tetrachloroethene	0.10	0.11	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.10	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.21	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 77.0F , duration time = 15800 minutes.

Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

Client Sample ID: CCV

Lab ID#: 2311585B-05A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	18120502sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	12/5/23 08:02 AM
		Date of Extraction:	NA

Compound	%Recovery
Trichloroethene	106
Tetrachloroethene	104
cis-1,2-Dichloroethene	113
trans-1,2-Dichloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130

Client Sample ID: LCS

Lab ID#: 2311585B-06A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	18120504sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	12/5/23 08:57 AM
		Date of Extraction:	12/5/23

Compound	%Recovery	Method Limits
Trichloroethene	108	70-130
Tetrachloroethene	103	70-130
cis-1,2-Dichloroethene	105	70-130
trans-1,2-Dichloroethene	107	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130

Client Sample ID: LCSD

Lab ID#: 2311585B-06AA

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	18120505sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/5/23 09:27 AM
		Date of Extraction: 12/5/23

Compound	%Recovery	Method Limits
Trichloroethene	101	70-130
Tetrachloroethene	103	70-130
cis-1,2-Dichloroethene	100	70-130
trans-1,2-Dichloroethene	108	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130



Air Toxics

Passive Sorbent Chain of Custody

Case Seal #:

WO#

2311585

Company: The Signatropic Project #: 21985

Project Manager: Stephen Heer Project Name: Werners Cleaners

Contact phone/email: 414 443 4124 / smee@justsignatropic.com Collected by: Nelson Engardt

Sample Matrix (check one)

Reporting Units (circle)

Turn Around Time:

Lab I.D.	Sample Identification	Sampler ID	Date of Deployment (mm/dd/yy)	Time of Deployment (hr:min)	Date of Retrieval (mm/dd/yy)	Time of Retrieval (hr:min)	Sample Matrix (check one)				Reporting Units (circle)			Turn Around Time:					
							Indoor/Outdoor Air	Soil Gas	Workplace Monitoring	Other ()	ppbv	µg/m ³	ppmv		mg/m ³	µg	ng		
01A	01A-SSV-01B-20231120	AN-VP-23-020	11/9	1050	11/20	1010	X												
02A	02A-IA6-01B-20231120	VB0104	11/9	1140	11/20	1000	X												
03A	03A-IA1-01B-20231120	VB0105	11/9	1050	11/20	1010	X												

Relinquished by: (signature)	Date	Time	Received by: (signature)	Date	Time	Notes to Lab:
<i>Nelson Engardt</i>	11/21/2023	1000	Armin D. SART	11/25/23	1030	

Relinquishing signature on this document indicates that samples are shipped in compliance with all applicable local, State, Federal, and international laws, regulations, and ordinances of any kind. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Eurofins Air Toxics against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples.

Lab Use Only

Shipper Name: *Fox VPS* Custody Seals Intact? Yes No None Sample Condition Upon Receipt: Good SDR

Air Bill #: *AD 11/25/23* Temperature (°C)

12/11/2023

Mr. Steve Meer

The Sigma Group

1300 West Canal Street

Milwaukee WI 53233

Project Name: Werners Cleaners

Project #: 21985

Workorder #: 2311596

Dear Mr. Steve Meer

The following report includes the data for the above referenced project for sample(s) received on 11/25/2023 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Passive S.E. WMS are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Jade White at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Jade White

Project Manager

WORK ORDER #: 2311596

Work Order Summary

CLIENT: Mr. Steve Meer
The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

BILL TO: Mr. Steve Meer
The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

PHONE: 414-643-4200
FAX: 414-643-4210
DATE RECEIVED: 11/25/2023
DATE COMPLETED: 12/11/2023

P.O. #
PROJECT # 21985 Werners Cleaners
CONTACT: Jade White

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
01A	06R_SSG_03D_20231120	Passive S.E. WMS
02A	06R_SSG_05D_20231120	Passive S.E. WMS
02B	06R_SSG_05D_20231120	Passive S.E. WMS
03A	06R_SSG_06D_20231120	Passive S.E. WMS
04A	Lab Blank	Passive S.E. WMS
05A	CCV	Passive S.E. WMS
05B	CCV	Passive S.E. WMS
06A	LCS	Passive S.E. WMS
06AA	LCSD	Passive S.E. WMS

CERTIFIED BY:



Technical Director

DATE: 12/11/23

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP – 209222, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP – T104704434-22-18, UT NELAP – CA009332022-14, VA NELAP - 12240, WA ELAP - C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-017

Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000

LABORATORY NARRATIVE
WMS Passive SE by Mod EPA TO-17
The Sigma Group
Workorder# 2311596

Three WMS-SE samples were received on November 25, 2023. The laboratory analyzed the charcoal sorbent bed of the passive sampler following modified method EPA TO-17. The VOCs were chemically extracted using carbon disulfide and an aliquot of the extract was injected into a GC/MS for identification and quantification of volatile organic compounds (VOCs).

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the sampling rate for each VOC. If sampling rates were calculated by the lab or the manufacturer, the concentration result has been flagged as an estimated value. Results are not corrected for desorption efficiency.

Please note that 1,1,2,2-Tetrachloroethane (1,1,2,2-PCA) can degrade into Trichloroethene (TCE) during storage on the charcoal-based sorbent used in the WMS device. Samples containing 1,1,2,2-PCA may yield reduced concentrations of 1,1,2,2-PCA and elevated concentrations of TCE.

The reference method used for this procedure is EPA TO-17, which describes the collection of VOCs in ambient air using sorbents and analysis by GC/MS. Because TO-17 describes active sample collection using a pump and thermal desorption as the preparation step, several modifications are required. Modifications to TO-17 are listed in the table below:

<i>Requirement</i>	<i>TO-17</i>	<i>ATL Modifications</i>
Sample Collection	Pump pulls measured air volume through sorbent tube	VOCs in air adsorbed onto sorbent bed passively through diffusion
Sample Preparation	Thermal extraction	Solvent extraction
Sorbent tube conditioning	Condition newly packed tubes prior to use	Charcoal-based sorbent is a single use media and conditioning is conducted by vendor.
Instrumentation	Thermal desorption introduction system	Liquid injection introduction system
Internal Standard	Gas-phase internal standard introduced on the tube or focusing trap during analysis	Liquid-phase internal standard introduced on the tube at the time of extraction
Media and sample storage	<4 deg C, 30 days	Media shelf life is determined by vendor; sample hold-time is 6 months for the RAD130 and WMS. Sample preservation requirements are storage in a cool, solvent-free refrigerator and optional use of ice during shipping.
Internal Standard Recovery	+/-40% of daily CCV area	-50% to +100% of daily CCV area

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for samples

06R_SSG_03D_20231120, 06R_SSG_05D_20231120 and 06R_SSG_06D_20231120. The year of collection was assumed to be 2023.

Analytical Notes

To calculate ug/m³ concentrations in the Lab Blank, a sampling duration of 15753 minutes was applied.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Definition of Data Qualifying Flags

Ten qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

C - Estimated concentration due to calculated sampling rate

CN - See case narrative explanation.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds VOC BY PASSIVE SAMPLER - GC/MS

Client Sample ID: 06R_SSG_03D_20231120

Lab ID#: 2311596-01A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
cis-1,2-Dichloroethene	0.050	1.7	2.7	90
Chloroform	0.050	1.7	0.57	19
Heptane	0.050	1.5	0.058	1.7
Trichloroethene	0.050	1.2	1.8	45
Toluene	0.050	1.0	0.41	8.4
Tetrachloroethene	0.050	0.81	61	990
m,p-Xylene	0.050	0.77	0.099	1.5
1,2,4-Trimethylbenzene	0.050	0.45	0.16	1.5
1,4-Dichlorobenzene	0.050	0.43	1.1	9.3

Client Sample ID: 06R_SSG_05D_20231120

Lab ID#: 2311596-02A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
trans-1,2-Dichloroethene	0.10	4.0	0.27	11
cis-1,2-Dichloroethene	0.050	1.7	0.96	32
Chloroform	0.050	1.7	0.48	16
1,1,1-Trichloroethane	0.050	2.1	0.072	3.1
Carbon Tetrachloride	0.050	1.8	0.092	3.3
Trichloroethene	0.050	1.2	14	350
Toluene	0.050	1.0	0.38	7.8
Ethyl Benzene	0.050	0.76	0.17	2.6
m,p-Xylene	0.050	0.78	0.71	11
o-Xylene	0.050	0.71	0.29	4.1
Propylbenzene	0.050	0.56	0.14	1.6
1,3,5-Trimethylbenzene	0.050	0.51	0.36	3.7
1,2,4-Trimethylbenzene	0.050	0.46	1.1	10
1,4-Dichlorobenzene	0.050	0.43	0.28	2.4

Client Sample ID: 06R_SSG_05D_20231120

Lab ID#: 2311596-02B

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
----------	-----------------	--------------------	-------------	----------------

**Summary of Detected Compounds
VOCS BY PASSIVE SAMPLER - GC/MS**

Client Sample ID: 06R_SSG_05D_20231120

Lab ID#: 2311596-02B

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Tetrachloroethene	0.50	8.2	2000	33000

Client Sample ID: 06R_SSG_06D_20231120

Lab ID#: 2311596-03A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
cis-1,2-Dichloroethene	0.050	1.7	2.2	74
Chloroform	0.050	1.7	0.19	6.4
Heptane	0.050	1.5	0.052	1.6
Trichloroethene	0.050	1.2	2.0	50
Toluene	0.050	1.0	0.48	9.9
Tetrachloroethene	0.050	0.82	14	230
Ethyl Benzene	0.050	0.76	0.17	2.6
m,p-Xylene	0.050	0.78	0.65	10
o-Xylene	0.050	0.71	0.25	3.6
Propylbenzene	0.050	0.56	0.10	1.2
1,3,5-Trimethylbenzene	0.050	0.51	0.25	2.5
1,2,4-Trimethylbenzene	0.050	0.46	0.75	6.8



Air Toxics

Client Sample ID: 06R_SSG_03D_20231120

Lab ID#: 2311596-01A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120612sim	Date of Collection: 11/20/23 7:47:00 AM
Dil. Factor:	1.00	Date of Analysis: 12/6/23 01:15 PM
		Date of Extraction: 12/6/23

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Chloromethane	0.20	10	Not Detected	Not Detected
Vinyl Chloride	0.20	10	Not Detected	Not Detected
1,1-Dichloroethene	0.20	9.1	Not Detected	Not Detected
Methyl tert-butyl ether	0.050	2.0	Not Detected	Not Detected
trans-1,2-Dichloroethene	0.10	4.0	Not Detected	Not Detected
Hexane	0.20	8.5	Not Detected	Not Detected
1,1-Dichloroethane	0.050	2.0	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	4.2	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.050	1.7	2.7	90
Chloroform	0.050	1.7	0.57	19
Cyclohexane	0.050	1.6	Not Detected	Not Detected
1,1,1-Trichloroethane	0.050	2.1	Not Detected	Not Detected
Carbon Tetrachloride	0.050	1.8	Not Detected	Not Detected
Benzene	0.20	5.8	Not Detected	Not Detected
1,2-Dichloroethane	0.050	1.4	Not Detected	Not Detected
Heptane	0.050	1.5	0.058	1.7
Trichloroethene	0.050	1.2	1.8	45
4-Methyl-2-pentanone	0.10	2.5	Not Detected	Not Detected
Toluene	0.050	1.0	0.41	8.4
1,1,2-Trichloroethane	0.050	1.2	Not Detected	Not Detected
Tetrachloroethene	0.050	0.81	61	990
Chlorobenzene	0.050	0.88	Not Detected	Not Detected
Ethyl Benzene	0.050	0.76	Not Detected	Not Detected
m,p-Xylene	0.050	0.77	0.099	1.5
o-Xylene	0.050	0.70	Not Detected	Not Detected
Styrene	0.050	0.70	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.050	0.70	Not Detected	Not Detected
Propylbenzene	0.050	0.56	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.050	0.50	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.050	0.45	0.16	1.5
1,3-Dichlorobenzene	0.050	0.43	Not Detected	Not Detected
1,4-Dichlorobenzene	0.050	0.43	1.1	9.3
1,2-Dichlorobenzene	0.050	0.39	Not Detected	Not Detected
Naphthalene	0.050	0.72	Not Detected	Not Detected

Temperature = 77.0F , duration time = 15753 minutes.

Container Type: WMS-SE

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130



Air Toxics

Client Sample ID: 06R_SSG_03D_20231120

Lab ID#: 2311596-01A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120612sim	Date of Collection: 11/20/23 7:47:00 AM
Dil. Factor:	1.00	Date of Analysis: 12/6/23 01:15 PM
		Date of Extraction: 12/6/23



Air Toxics

Client Sample ID: 06R_SSG_05D_20231120

Lab ID#: 2311596-02A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120613sim	Date of Collection: 11/20/23 7:56:00 AM
Dil. Factor:	1.00	Date of Analysis: 12/6/23 01:42 PM
		Date of Extraction: 12/6/23

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Chloromethane	0.20	11	Not Detected	Not Detected
Vinyl Chloride	0.20	11	Not Detected	Not Detected
1,1-Dichloroethene	0.20	9.2	Not Detected	Not Detected
Methyl tert-butyl ether	0.050	2.0	Not Detected	Not Detected
trans-1,2-Dichloroethene	0.10	4.0	0.27	11
Hexane	0.20	8.5	Not Detected	Not Detected
1,1-Dichloroethane	0.050	2.0	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	4.3	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.050	1.7	0.96	32
Chloroform	0.050	1.7	0.48	16
Cyclohexane	0.050	1.6	Not Detected	Not Detected
1,1,1-Trichloroethane	0.050	2.1	0.072	3.1
Carbon Tetrachloride	0.050	1.8	0.092	3.3
Benzene	0.20	5.8	Not Detected	Not Detected
1,2-Dichloroethane	0.050	1.4	Not Detected	Not Detected
Heptane	0.050	1.5	Not Detected	Not Detected
Trichloroethene	0.050	1.2	14	350
4-Methyl-2-pentanone	0.10	2.6	Not Detected	Not Detected
Toluene	0.050	1.0	0.38	7.8
1,1,2-Trichloroethane	0.050	1.2	Not Detected	Not Detected
Chlorobenzene	0.050	0.89	Not Detected	Not Detected
Ethyl Benzene	0.050	0.76	0.17	2.6
m,p-Xylene	0.050	0.78	0.71	11
o-Xylene	0.050	0.71	0.29	4.1
Styrene	0.050	0.71	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.050	0.71	Not Detected	Not Detected
Propylbenzene	0.050	0.56	0.14	1.6
1,3,5-Trimethylbenzene	0.050	0.51	0.36	3.7
1,2,4-Trimethylbenzene	0.050	0.46	1.1	10
1,3-Dichlorobenzene	0.050	0.44	Not Detected	Not Detected
1,4-Dichlorobenzene	0.050	0.43	0.28	2.4
1,2-Dichlorobenzene	0.050	0.39	Not Detected	Not Detected
Naphthalene	0.050	0.73	Not Detected	Not Detected

Temperature = 77.0F , duration time = 15596 minutes.

Container Type: WMS-SE

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130



Air Toxics

Client Sample ID: 06R_SSG_05D_20231120

Lab ID#: 2311596-02B

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	18120707sim	Date of Collection:	11/20/23 7:56:00 AM
Dil. Factor:	10.0	Date of Analysis:	12/7/23 10:39 AM
		Date of Extraction:	12/6/23

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Tetrachloroethene	0.50	8.2	2000	33000

Temperature = 77.0F , duration time = 15596 minutes.

Container Type: WMS-SE

Surrogates	%Recovery	Method Limits
Toluene-d8	115	70-130

Client Sample ID: 06R_SSG_06D_20231120

Lab ID#: 2311596-03A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120614sim	Date of Collection:	11/20/23 8:12:00 AM
Dil. Factor:	1.00	Date of Analysis:	12/6/23 02:10 PM
		Date of Extraction:	12/6/23

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Chloromethane	0.20	11	Not Detected	Not Detected
Vinyl Chloride	0.20	11	Not Detected	Not Detected
1,1-Dichloroethene	0.20	9.2	Not Detected	Not Detected
Methyl tert-butyl ether	0.050	2.0	Not Detected	Not Detected
trans-1,2-Dichloroethene	0.10	4.0	Not Detected	Not Detected
Hexane	0.20	8.6	Not Detected	Not Detected
1,1-Dichloroethane	0.050	2.0	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	4.3	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.050	1.7	2.2	74
Chloroform	0.050	1.7	0.19	6.4
Cyclohexane	0.050	1.6	Not Detected	Not Detected
1,1,1-Trichloroethane	0.050	2.1	Not Detected	Not Detected
Carbon Tetrachloride	0.050	1.8	Not Detected	Not Detected
Benzene	0.20	5.8	Not Detected	Not Detected
1,2-Dichloroethane	0.050	1.4	Not Detected	Not Detected
Heptane	0.050	1.5	0.052	1.6
Trichloroethene	0.050	1.2	2.0	50
4-Methyl-2-pentanone	0.10	2.6	Not Detected	Not Detected
Toluene	0.050	1.0	0.48	9.9
1,1,2-Trichloroethane	0.050	1.2	Not Detected	Not Detected
Tetrachloroethene	0.050	0.82	14	230
Chlorobenzene	0.050	0.89	Not Detected	Not Detected
Ethyl Benzene	0.050	0.76	0.17	2.6
m,p-Xylene	0.050	0.78	0.65	10
o-Xylene	0.050	0.71	0.25	3.6
Styrene	0.050	0.71	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.050	0.71	Not Detected	Not Detected
Propylbenzene	0.050	0.56	0.10	1.2
1,3,5-Trimethylbenzene	0.050	0.51	0.25	2.5
1,2,4-Trimethylbenzene	0.050	0.46	0.75	6.8
1,3-Dichlorobenzene	0.050	0.44	Not Detected	Not Detected
1,4-Dichlorobenzene	0.050	0.43	Not Detected	Not Detected
1,2-Dichlorobenzene	0.050	0.39	Not Detected	Not Detected
Naphthalene	0.050	0.73	Not Detected	Not Detected

Temperature = 77.0F , duration time = 15582 minutes.

Container Type: WMS-SE

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130



Air Toxics

Client Sample ID: 06R_SSG_06D_20231120

Lab ID#: 2311596-03A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120614sim	Date of Collection: 11/20/23 8:12:00 AM
Dil. Factor:	1.00	Date of Analysis: 12/6/23 02:10 PM
		Date of Extraction: 12/6/23

Client Sample ID: Lab Blank

Lab ID#: 2311596-04A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120610sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/6/23 11:59 AM
		Date of Extraction: 12/6/23

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Chloromethane	0.20	10	Not Detected	Not Detected
Vinyl Chloride	0.20	10	Not Detected	Not Detected
1,1-Dichloroethene	0.20	9.1	Not Detected	Not Detected
Methyl tert-butyl ether	0.050	2.0	Not Detected	Not Detected
trans-1,2-Dichloroethene	0.10	4.0	Not Detected	Not Detected
Hexane	0.20	8.5	Not Detected	Not Detected
1,1-Dichloroethane	0.050	2.0	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	4.2	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.050	1.7	Not Detected	Not Detected
Chloroform	0.050	1.7	Not Detected	Not Detected
Cyclohexane	0.050	1.6	Not Detected	Not Detected
1,1,1-Trichloroethane	0.050	2.1	Not Detected	Not Detected
Carbon Tetrachloride	0.050	1.8	Not Detected	Not Detected
Benzene	0.20	5.8	Not Detected	Not Detected
1,2-Dichloroethane	0.050	1.4	Not Detected	Not Detected
Heptane	0.050	1.5	Not Detected	Not Detected
Trichloroethene	0.050	1.2	Not Detected	Not Detected
4-Methyl-2-pentanone	0.10	2.5	Not Detected	Not Detected
Toluene	0.050	1.0	Not Detected	Not Detected
1,1,2-Trichloroethane	0.050	1.2	Not Detected	Not Detected
Tetrachloroethene	0.050	0.81	Not Detected	Not Detected
Chlorobenzene	0.050	0.88	Not Detected	Not Detected
Ethyl Benzene	0.050	0.76	Not Detected	Not Detected
m,p-Xylene	0.050	0.77	Not Detected	Not Detected
o-Xylene	0.050	0.70	Not Detected	Not Detected
Styrene	0.050	0.70	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.050	0.70	Not Detected	Not Detected
Propylbenzene	0.050	0.56	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.050	0.50	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.050	0.45	Not Detected	Not Detected
1,3-Dichlorobenzene	0.050	0.43	Not Detected	Not Detected
1,4-Dichlorobenzene	0.050	0.43	Not Detected	Not Detected
1,2-Dichlorobenzene	0.050	0.39	Not Detected	Not Detected
Naphthalene	0.050	0.72	Not Detected	Not Detected

Temperature = 77.0F , duration time = 15753 minutes.

Container Type: WMS-SE

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2311596-04A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120610sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/6/23 11:59 AM
		Date of Extraction: 12/6/23

Client Sample ID: CCV

Lab ID#: 2311596-05A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120607sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/6/23 10:36 AM
		Date of Extraction: NA

Compound	%Recovery
Chloromethane	110
Vinyl Chloride	140
1,1-Dichloroethene	123
Methyl tert-butyl ether	111
trans-1,2-Dichloroethene	116
Hexane	107
1,1-Dichloroethane	111
2-Butanone (Methyl Ethyl Ketone)	114
cis-1,2-Dichloroethene	114
Chloroform	108
Cyclohexane	101
1,1,1-Trichloroethane	102
Carbon Tetrachloride	104
Benzene	103
1,2-Dichloroethane	96
Heptane	99
Trichloroethene	110
4-Methyl-2-pentanone	100
Toluene	102
1,1,2-Trichloroethane	104
Tetrachloroethene	110
Chlorobenzene	105
Ethyl Benzene	104
m,p-Xylene	104
o-Xylene	104
Styrene	104
1,1,2,2-Tetrachloroethane	100
Propylbenzene	101
1,3,5-Trimethylbenzene	103
1,2,4-Trimethylbenzene	103
1,3-Dichlorobenzene	106
1,4-Dichlorobenzene	109
1,2-Dichlorobenzene	108
Naphthalene	111

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130

Client Sample ID: CCV

Lab ID#: 2311596-05B

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	18120702sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/7/23 08:20 AM
		Date of Extraction: NA

Compound	%Recovery
Tetrachloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

Client Sample ID: LCS

Lab ID#: 2311596-06A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120608sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	12/6/23 11:03 AM
		Date of Extraction:	12/6/23

Compound	%Recovery	Method Limits
Chloromethane	150 Q	50-140
Vinyl Chloride	116	50-140
1,1-Dichloroethene	109	70-130
Methyl tert-butyl ether	105	70-130
trans-1,2-Dichloroethene	106	70-130
Hexane	108	70-130
1,1-Dichloroethane	102	70-130
2-Butanone (Methyl Ethyl Ketone)	98	70-130
cis-1,2-Dichloroethene	104	70-130
Chloroform	101	70-130
Cyclohexane	110	70-130
1,1,1-Trichloroethane	103	70-130
Carbon Tetrachloride	105	70-130
Benzene	101	70-130
1,2-Dichloroethane	93	70-130
Heptane	108	70-130
Trichloroethene	114	70-130
4-Methyl-2-pentanone	104	70-130
Toluene	101	70-130
1,1,2-Trichloroethane	104	70-130
Tetrachloroethene	110	70-130
Chlorobenzene	100	70-130
Ethyl Benzene	108	70-130
m,p-Xylene	104	70-130
o-Xylene	99	70-130
Styrene	78	20-100
1,1,2,2-Tetrachloroethane	93	60-130
Propylbenzene	107	70-130
1,3,5-Trimethylbenzene	103	70-130
1,2,4-Trimethylbenzene	94	70-130
1,3-Dichlorobenzene	92	60-130
1,4-Dichlorobenzene	88	60-130
1,2-Dichlorobenzene	85	60-130
Naphthalene	25	5-80

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130

Client Sample ID: LCSD

Lab ID#: 2311596-06AA

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120609sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	12/6/23 11:31 AM
		Date of Extraction:	12/6/23

Compound	%Recovery	Method Limits
Chloromethane	122	50-140
Vinyl Chloride	92	50-140
1,1-Dichloroethene	95	70-130
Methyl tert-butyl ether	96	70-130
trans-1,2-Dichloroethene	96	70-130
Hexane	101	70-130
1,1-Dichloroethane	92	70-130
2-Butanone (Methyl Ethyl Ketone)	90	70-130
cis-1,2-Dichloroethene	96	70-130
Chloroform	94	70-130
Cyclohexane	107	70-130
1,1,1-Trichloroethane	98	70-130
Carbon Tetrachloride	102	70-130
Benzene	97	70-130
1,2-Dichloroethane	88	70-130
Heptane	106	70-130
Trichloroethene	112	70-130
4-Methyl-2-pentanone	102	70-130
Toluene	102	70-130
1,1,2-Trichloroethane	103	70-130
Tetrachloroethene	110	70-130
Chlorobenzene	102	70-130
Ethyl Benzene	109	70-130
m,p-Xylene	104	70-130
o-Xylene	100	70-130
Styrene	80	20-100
1,1,2,2-Tetrachloroethane	94	60-130
Propylbenzene	109	70-130
1,3,5-Trimethylbenzene	106	70-130
1,2,4-Trimethylbenzene	97	70-130
1,3-Dichlorobenzene	94	60-130
1,4-Dichlorobenzene	89	60-130
1,2-Dichlorobenzene	86	60-130
Naphthalene	25	5-80

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130



Air Toxics

Passive Sorbent Chain of Custody

Case Seal #:

WO#

2311596

Page 1 of 1

Company: The Sigma Group Inc Project #: 21985 P.O. #:

Project Manager: Stephen Wheeler Project Name: Wenters Cleaners

Contact phone/email: 414 443 4124 smear@sigmagroup.com Collected by: Chelsea Frymuth

Lab I.D.	Sample Identification	Sampler ID	Date of Deployment (mm/dd/yy)	Time of Deployment (hr:min)	Date of Retrieval (mm/dd/yy)	Time of Retrieval (hr:min)	Sample Matrix (check one)				Reporting Units (circle)		Turn Around Time:
							Indoor/Outdoor Air	Soil Gas	Workplace Monitoring	Other	ppbv	µg/m³	

01A	00E-SS6-03D-20231120	AN-R-23-531	11/9	914	11/20	747	X					µg/m³					
02A	00E-SS6-05D-20231120	AN-R-23-538	11/9	1200	11/20	756	X					µg/m³					
03A	00E-SS6-06D-20231120	AN-R-23-537	11/9	1230	11/20	812	X					µg/m³					

Relinquished by: (signature)	Date	Time	Received by: (signature)	Date	Time	Notes to Lab:
<u>Chelsea Frymuth</u>	11/14/2023	1000	<u>ARRIVING P. SATO</u>	11/25/23	10:30	
Relinquished by: (signature)	Date	Time	Received by: (signature)	Date	Time	Notes to Lab:

Relinquishing signature on this document indicates that samples are shipped in compliance with all applicable local, State, Federal, and International laws, regulations, and ordinances of any kind. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Eurofins Air Toxics against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples.

Lab Use Only

Shipper Name: Fox DPS Custody Seals Intact? **Yes** **No** None Sample Condition Upon Receipt: Good SDR

Air Bill #: AD 11/25/23 Temperature (°C)

12/11/2023

Mr. Steve Meer

The Sigma Group

1300 West Canal Street

Milwaukee WI 53233

Project Name: Werners Cleaners

Project #: 21985

Workorder #: 2311590

Dear Mr. Steve Meer

The following report includes the data for the above referenced project for sample(s) received on 11/25/2023 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Passive S.E. WMS are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Jade White at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Jade White

Project Manager

WORK ORDER #: 2311590

Work Order Summary

CLIENT: Mr. Steve Meer
The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

BILL TO: Mr. Steve Meer
The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

PHONE: 414-643-4200
FAX: 414-643-4210
DATE RECEIVED: 11/25/2023
DATE COMPLETED: 12/11/2023

P.O. #
PROJECT # 21985 Werners Cleaners
CONTACT: Jade White

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
01A	06R_SG_17D_20231120	Passive S.E. WMS
02A	06R_SG_31D_20231120	Passive S.E. WMS
03A	06R_SG_35D_20231120	Passive S.E. WMS
04A	Lab Blank	Passive S.E. WMS
05A	CCV	Passive S.E. WMS
06A	LCS	Passive S.E. WMS
06AA	LCSD	Passive S.E. WMS

CERTIFIED BY:



Technical Director

DATE: 12/11/23

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP – 209222, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP – T104704434-22-18, UT NELAP – CA009332022-14, VA NELAP - 12240, WA ELAP - C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-017

Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000

LABORATORY NARRATIVE
WMS Passive SE by Mod EPA TO-17
The Sigma Group
Workorder# 2311590

Three WMS-LU samples were received on November 25, 2023. The laboratory analyzed the charcoal sorbent bed of the passive sampler following modified method EPA TO-17. The VOCs were chemically extracted using carbon disulfide and an aliquot of the extract was injected into a GC/MS for identification and quantification of volatile organic compounds (VOCs).

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the sampling rate for each VOC. If sampling rates were calculated by the lab or the manufacturer, the concentration result has been flagged as an estimated value. Results are not corrected for desorption efficiency.

Please note that 1,1,2,2-Tetrachloroethane (1,1,2,2-PCA) can degrade into Trichloroethene (TCE) during storage on the charcoal-based sorbent used in the WMS device. Samples containing 1,1,2,2-PCA may yield reduced concentrations of 1,1,2,2-PCA and elevated concentrations of TCE.

The reference method used for this procedure is EPA TO-17, which describes the collection of VOCs in ambient air using sorbents and analysis by GC/MS. Because TO-17 describes active sample collection using a pump and thermal desorption as the preparation step, several modifications are required. Modifications to TO-17 are listed in the table below:

<i>Requirement</i>	<i>TO-17</i>	<i>ATL Modifications</i>
Sample Collection	Pump pulls measured air volume through sorbent tube	VOCs in air adsorbed onto sorbent bed passively through diffusion
Sample Preparation	Thermal extraction	Solvent extraction
Sorbent tube conditioning	Condition newly packed tubes prior to use	Charcoal-based sorbent is a single use media and conditioning is conducted by vendor.
Instrumentation	Thermal desorption introduction system	Liquid injection introduction system
Internal Standard	Gas-phase internal standard introduced on the tube or focusing trap during analysis	Liquid-phase internal standard introduced on the tube at the time of extraction
Media and sample storage	<4 deg C, 30 days	Media shelf life is determined by vendor; sample hold-time is 6 months for the RAD130 and WMS. Sample preservation requirements are storage in a cool, solvent-free refrigerator and optional use of ice during shipping.
Internal Standard Recovery	+/-40% of daily CCV area	-50% to +100% of daily CCV area

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for samples

06R_SG_17D_20231120, 06R_SG_31D_20231120 and 06R_SG_35D_20231120. The year of collection was assumed to be 2023.

Analytical Notes

To calculate ug/m³ concentrations in the Lab Blank, a sampling duration of 14450 minutes was applied.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Definition of Data Qualifying Flags

Ten qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

C - Estimated concentration due to calculated sampling rate

CN - See case narrative explanation.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds
VOC BY PASSIVE SAMPLER - GC/MS**

Client Sample ID: 06R_SG_17D_20231120

Lab ID#: 2311590-01A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Tetrachloroethene	0.050	2.7	0.49	26

Client Sample ID: 06R_SG_31D_20231120

Lab ID#: 2311590-02A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Toluene	0.050	3.5	0.41	28

Client Sample ID: 06R_SG_35D_20231120

Lab ID#: 2311590-03A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Heptane	0.050	5.0	0.081	8.0
Toluene	0.050	3.5	0.10	7.1



Air Toxics

Client Sample ID: 06R_SG_17D_20231120

Lab ID#: 2311590-01A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120615sim	Date of Collection:	11/20/23 9:32:00 AM
Dil. Factor:	1.00	Date of Analysis:	12/6/23 02:37 PM
		Date of Extraction:	12/6/23

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Chloromethane	0.20	35	Not Detected	Not Detected
Vinyl Chloride	0.20	34	Not Detected	Not Detected
1,1-Dichloroethene	0.20	30	Not Detected	Not Detected
Methyl tert-butyl ether	0.050	6.5	Not Detected	Not Detected
trans-1,2-Dichloroethene	0.10	13	Not Detected	Not Detected
Hexane	0.20	28	Not Detected	Not Detected
1,1-Dichloroethane	0.050	6.6	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	14	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.050	5.4	Not Detected	Not Detected
Chloroform	0.050	5.3	Not Detected	Not Detected
Cyclohexane	0.050	5.2	Not Detected	Not Detected
1,1,1-Trichloroethane	0.050	6.9	Not Detected	Not Detected
Carbon Tetrachloride	0.050	5.9	Not Detected	Not Detected
Benzene	0.20	19	Not Detected	Not Detected
1,2-Dichloroethane	0.050	4.6	Not Detected	Not Detected
Heptane	0.050	4.9	Not Detected	Not Detected
Trichloroethene	0.050	3.9	Not Detected	Not Detected
4-Methyl-2-pentanone	0.10	8.2	Not Detected	Not Detected
Toluene	0.050	3.5	Not Detected	Not Detected
1,1,2-Trichloroethane	0.050	4.0	Not Detected	Not Detected
Tetrachloroethene	0.050	2.7	0.49	26
Chlorobenzene	0.050	2.9	Not Detected	Not Detected
Ethyl Benzene	0.050	2.5	Not Detected	Not Detected
m,p-Xylene	0.050	2.5	Not Detected	Not Detected
o-Xylene	0.050	2.3	Not Detected	Not Detected
Styrene	0.050	2.3	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.050	2.3	Not Detected	Not Detected
Propylbenzene	0.050	1.8	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.050	1.6	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.050	1.5	Not Detected	Not Detected
1,3-Dichlorobenzene	0.050	1.4	Not Detected	Not Detected
1,4-Dichlorobenzene	0.050	1.4	Not Detected	Not Detected
1,2-Dichlorobenzene	0.050	1.3	Not Detected	Not Detected
Naphthalene	0.050	2.3	Not Detected	Not Detected

Temperature = 77.0F , duration time = 14450 minutes.

Container Type: WMS-LU

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130



Air Toxics

Client Sample ID: 06R_SG_17D_20231120

Lab ID#: 2311590-01A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120615sim	Date of Collection: 11/20/23 9:32:00 AM
Dil. Factor:	1.00	Date of Analysis: 12/6/23 02:37 PM
		Date of Extraction: 12/6/23



Air Toxics

Client Sample ID: 06R_SG_31D_20231120

Lab ID#: 2311590-02A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120616sim	Date of Collection:	11/20/23 8:50:00 AM
Dil. Factor:	1.00	Date of Analysis:	12/6/23 03:05 PM
		Date of Extraction:	12/6/23

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Chloromethane	0.20	35	Not Detected	Not Detected
Vinyl Chloride	0.20	34	Not Detected	Not Detected
1,1-Dichloroethene	0.20	30	Not Detected	Not Detected
Methyl tert-butyl ether	0.050	6.6	Not Detected	Not Detected
trans-1,2-Dichloroethene	0.10	13	Not Detected	Not Detected
Hexane	0.20	28	Not Detected	Not Detected
1,1-Dichloroethane	0.050	6.7	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	14	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.050	5.4	Not Detected	Not Detected
Chloroform	0.050	5.3	Not Detected	Not Detected
Cyclohexane	0.050	5.3	Not Detected	Not Detected
1,1,1-Trichloroethane	0.050	7.0	Not Detected	Not Detected
Carbon Tetrachloride	0.050	5.9	Not Detected	Not Detected
Benzene	0.20	19	Not Detected	Not Detected
1,2-Dichloroethane	0.050	4.6	Not Detected	Not Detected
Heptane	0.050	5.0	Not Detected	Not Detected
Trichloroethene	0.050	4.0	Not Detected	Not Detected
4-Methyl-2-pentanone	0.10	8.3	Not Detected	Not Detected
Toluene	0.050	3.5	0.41	28
1,1,2-Trichloroethane	0.050	4.0	Not Detected	Not Detected
Tetrachloroethene	0.050	2.7	Not Detected	Not Detected
Chlorobenzene	0.050	2.9	Not Detected	Not Detected
Ethyl Benzene	0.050	2.5	Not Detected	Not Detected
m,p-Xylene	0.050	2.5	Not Detected	Not Detected
o-Xylene	0.050	2.3	Not Detected	Not Detected
Styrene	0.050	2.3	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.050	2.3	Not Detected	Not Detected
Propylbenzene	0.050	1.8	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.050	1.6	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.050	1.5	Not Detected	Not Detected
1,3-Dichlorobenzene	0.050	1.4	Not Detected	Not Detected
1,4-Dichlorobenzene	0.050	1.4	Not Detected	Not Detected
1,2-Dichlorobenzene	0.050	1.3	Not Detected	Not Detected
Naphthalene	0.050	2.3	Not Detected	Not Detected

Temperature = 77.0F , duration time = 14380 minutes.

Container Type: WMS-LU

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130



Air Toxics

Client Sample ID: 06R_SG_31D_20231120

Lab ID#: 2311590-02A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120616sim	Date of Collection: 11/20/23 8:50:00 AM
Dil. Factor:	1.00	Date of Analysis: 12/6/23 03:05 PM
		Date of Extraction: 12/6/23



Air Toxics

Client Sample ID: 06R_SG_35D_20231120

Lab ID#: 2311590-03A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120617sim	Date of Collection:	11/20/23 10:55:00 A
Dil. Factor:	1.00	Date of Analysis:	12/6/23 03:32 PM
		Date of Extraction:	12/6/23

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Chloromethane	0.20	35	Not Detected	Not Detected
Vinyl Chloride	0.20	34	Not Detected	Not Detected
1,1-Dichloroethene	0.20	30	Not Detected	Not Detected
Methyl tert-butyl ether	0.050	6.6	Not Detected	Not Detected
trans-1,2-Dichloroethene	0.10	13	Not Detected	Not Detected
Hexane	0.20	28	Not Detected	Not Detected
1,1-Dichloroethane	0.050	6.7	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	14	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.050	5.4	Not Detected	Not Detected
Chloroform	0.050	5.4	Not Detected	Not Detected
Cyclohexane	0.050	5.3	Not Detected	Not Detected
1,1,1-Trichloroethane	0.050	7.0	Not Detected	Not Detected
Carbon Tetrachloride	0.050	5.9	Not Detected	Not Detected
Benzene	0.20	19	Not Detected	Not Detected
1,2-Dichloroethane	0.050	4.6	Not Detected	Not Detected
Heptane	0.050	5.0	0.081	8.0
Trichloroethene	0.050	4.0	Not Detected	Not Detected
4-Methyl-2-pentanone	0.10	8.3	Not Detected	Not Detected
Toluene	0.050	3.5	0.10	7.1
1,1,2-Trichloroethane	0.050	4.0	Not Detected	Not Detected
Tetrachloroethene	0.050	2.7	Not Detected	Not Detected
Chlorobenzene	0.050	2.9	Not Detected	Not Detected
Ethyl Benzene	0.050	2.5	Not Detected	Not Detected
m,p-Xylene	0.050	2.5	Not Detected	Not Detected
o-Xylene	0.050	2.3	Not Detected	Not Detected
Styrene	0.050	2.3	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.050	2.3	Not Detected	Not Detected
Propylbenzene	0.050	1.8	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.050	1.7	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.050	1.5	Not Detected	Not Detected
1,3-Dichlorobenzene	0.050	1.4	Not Detected	Not Detected
1,4-Dichlorobenzene	0.050	1.4	Not Detected	Not Detected
1,2-Dichlorobenzene	0.050	1.3	Not Detected	Not Detected
Naphthalene	0.050	2.3	Not Detected	Not Detected

Temperature = 77.0F , duration time = 14340 minutes.

Container Type: WMS-LU

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130



Air Toxics

Client Sample ID: 06R_SG_35D_20231120

Lab ID#: 2311590-03A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120617sim	Date of Collection: 11/20/23 10:55:00 A
Dil. Factor:	1.00	Date of Analysis: 12/6/23 03:32 PM
		Date of Extraction: 12/6/23



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2311590-04A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120610sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/6/23 11:59 AM
		Date of Extraction: 12/6/23

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Chloromethane	0.20	35	Not Detected	Not Detected
Vinyl Chloride	0.20	34	Not Detected	Not Detected
1,1-Dichloroethene	0.20	30	Not Detected	Not Detected
Methyl tert-butyl ether	0.050	6.5	Not Detected	Not Detected
trans-1,2-Dichloroethene	0.10	13	Not Detected	Not Detected
Hexane	0.20	28	Not Detected	Not Detected
1,1-Dichloroethane	0.050	6.6	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	14	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.050	5.4	Not Detected	Not Detected
Chloroform	0.050	5.3	Not Detected	Not Detected
Cyclohexane	0.050	5.2	Not Detected	Not Detected
1,1,1-Trichloroethane	0.050	6.9	Not Detected	Not Detected
Carbon Tetrachloride	0.050	5.9	Not Detected	Not Detected
Benzene	0.20	19	Not Detected	Not Detected
1,2-Dichloroethane	0.050	4.6	Not Detected	Not Detected
Heptane	0.050	4.9	Not Detected	Not Detected
Trichloroethene	0.050	3.9	Not Detected	Not Detected
4-Methyl-2-pentanone	0.10	8.2	Not Detected	Not Detected
Toluene	0.050	3.5	Not Detected	Not Detected
1,1,2-Trichloroethane	0.050	4.0	Not Detected	Not Detected
Tetrachloroethene	0.050	2.7	Not Detected	Not Detected
Chlorobenzene	0.050	2.9	Not Detected	Not Detected
Ethyl Benzene	0.050	2.5	Not Detected	Not Detected
m,p-Xylene	0.050	2.5	Not Detected	Not Detected
o-Xylene	0.050	2.3	Not Detected	Not Detected
Styrene	0.050	2.3	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.050	2.3	Not Detected	Not Detected
Propylbenzene	0.050	1.8	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.050	1.6	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.050	1.5	Not Detected	Not Detected
1,3-Dichlorobenzene	0.050	1.4	Not Detected	Not Detected
1,4-Dichlorobenzene	0.050	1.4	Not Detected	Not Detected
1,2-Dichlorobenzene	0.050	1.3	Not Detected	Not Detected
Naphthalene	0.050	2.3	Not Detected	Not Detected

Temperature = 77.0F , duration time = 14450 minutes.

Container Type: WMS-LU

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2311590-04A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120610sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/6/23 11:59 AM
		Date of Extraction: 12/6/23

Client Sample ID: CCV

Lab ID#: 2311590-05A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120607sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/6/23 10:36 AM
		Date of Extraction: NA

Compound	%Recovery
Chloromethane	110
Vinyl Chloride	140
1,1-Dichloroethene	123
Methyl tert-butyl ether	111
trans-1,2-Dichloroethene	116
Hexane	107
1,1-Dichloroethane	111
2-Butanone (Methyl Ethyl Ketone)	114
cis-1,2-Dichloroethene	114
Chloroform	108
Cyclohexane	101
1,1,1-Trichloroethane	102
Carbon Tetrachloride	104
Benzene	103
1,2-Dichloroethane	96
Heptane	99
Trichloroethene	110
4-Methyl-2-pentanone	100
Toluene	102
1,1,2-Trichloroethane	104
Tetrachloroethene	110
Chlorobenzene	105
Ethyl Benzene	104
m,p-Xylene	104
o-Xylene	104
Styrene	104
1,1,2,2-Tetrachloroethane	100
Propylbenzene	101
1,3,5-Trimethylbenzene	103
1,2,4-Trimethylbenzene	103
1,3-Dichlorobenzene	106
1,4-Dichlorobenzene	109
1,2-Dichlorobenzene	108
Naphthalene	111

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130

Client Sample ID: LCS

Lab ID#: 2311590-06A

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120608sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	12/6/23 11:03 AM
		Date of Extraction:	12/6/23

Compound	%Recovery	Method Limits
Chloromethane	150 Q	50-140
Vinyl Chloride	116	50-140
1,1-Dichloroethene	109	70-130
Methyl tert-butyl ether	105	70-130
trans-1,2-Dichloroethene	106	70-130
Hexane	108	70-130
1,1-Dichloroethane	102	70-130
2-Butanone (Methyl Ethyl Ketone)	98	70-130
cis-1,2-Dichloroethene	104	70-130
Chloroform	101	70-130
Cyclohexane	110	70-130
1,1,1-Trichloroethane	103	70-130
Carbon Tetrachloride	105	70-130
Benzene	101	70-130
1,2-Dichloroethane	93	70-130
Heptane	108	70-130
Trichloroethene	114	70-130
4-Methyl-2-pentanone	104	70-130
Toluene	101	70-130
1,1,2-Trichloroethane	104	70-130
Tetrachloroethene	110	70-130
Chlorobenzene	100	70-130
Ethyl Benzene	108	70-130
m,p-Xylene	104	70-130
o-Xylene	99	70-130
Styrene	78	20-100
1,1,2,2-Tetrachloroethane	93	60-130
Propylbenzene	107	70-130
1,3,5-Trimethylbenzene	103	70-130
1,2,4-Trimethylbenzene	94	70-130
1,3-Dichlorobenzene	92	60-130
1,4-Dichlorobenzene	88	60-130
1,2-Dichlorobenzene	85	60-130
Naphthalene	25	5-80

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130

Client Sample ID: LCSD

Lab ID#: 2311590-06AA

VOC BY PASSIVE SAMPLER - GC/MS

File Name:	c120609sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	12/6/23 11:31 AM
		Date of Extraction:	12/6/23

Compound	%Recovery	Method Limits
Chloromethane	122	50-140
Vinyl Chloride	92	50-140
1,1-Dichloroethene	95	70-130
Methyl tert-butyl ether	96	70-130
trans-1,2-Dichloroethene	96	70-130
Hexane	101	70-130
1,1-Dichloroethane	92	70-130
2-Butanone (Methyl Ethyl Ketone)	90	70-130
cis-1,2-Dichloroethene	96	70-130
Chloroform	94	70-130
Cyclohexane	107	70-130
1,1,1-Trichloroethane	98	70-130
Carbon Tetrachloride	102	70-130
Benzene	97	70-130
1,2-Dichloroethane	88	70-130
Heptane	106	70-130
Trichloroethene	112	70-130
4-Methyl-2-pentanone	102	70-130
Toluene	102	70-130
1,1,2-Trichloroethane	103	70-130
Tetrachloroethene	110	70-130
Chlorobenzene	102	70-130
Ethyl Benzene	109	70-130
m,p-Xylene	104	70-130
o-Xylene	100	70-130
Styrene	80	20-100
1,1,2,2-Tetrachloroethane	94	60-130
Propylbenzene	109	70-130
1,3,5-Trimethylbenzene	106	70-130
1,2,4-Trimethylbenzene	97	70-130
1,3-Dichlorobenzene	94	60-130
1,4-Dichlorobenzene	89	60-130
1,2-Dichlorobenzene	86	60-130
Naphthalene	25	5-80

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130

Passive Sorbent Chain of Custody

Case Seal #: _____

WO#

2311550

Company: <u>The Sigma Group Inc</u>					Project #: <u>21985</u>		P.O. #: _____											
Project Manager: <u>Stephen Meyer</u>					Project Name: <u>Norris Cleaners</u>													
Contact phone/email: <u>415.613.4124</u>					Collected by: <u>Melissa Engvall</u>													
Lab I.D.	Sample Identification	Sampler ID	Date of Deployment (mm/dd/yy)	Time of Deployment (hr:min)	Date of Retrieval (mm/dd/yy)	Time of Retrieval (hr:min)	Sample Matrix (check one)			Reporting Units (circle)		Turn Around Time:						
							Indoor/Outdoor Air	Soil Gas	Workplace Monitoring	Other ()	ppbv		µg/m ³	ppmv	mg/m ³	µg	ng	
01A	002-561-77D	20231120	11/10	842	11/20	932		X										
02A	002-561-31D	20231120	11/10	910	11/20	850		X										
03A	002-561-35D	20231120	11/10	1155	11/20	1055		X										
Relinquished by: (signature)			Date	Time	Received by: (signature)		Date	Time	Reporting Units (circle)		Turn Around Time:	Notes to Lab:						
<u>[Signature]</u>			11/21/2023	1000	<u>[Signature]</u>		11/25/23	1050										
Relinquished by: (signature)			Date	Time	Received by: (signature)		Date	Time	Reporting Units (circle)		Turn Around Time:	Notes to Lab:						
<u>[Signature]</u>																		

Relinquishing signature on this document indicates that samples are shipped in compliance with all applicable local, State, Federal, and international laws, regulations, and ordinances of any kind. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Eurofins Air Toxics against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples.

Shipper Name: FedEx VPS Custody Seals Intact? Yes No None Sample Condition Upon Receipt: Good SDR

Air Bill #: AP1125167 Temperature (°C) _____

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information

Site Name		DNR ID # (BRRTS #)	
Werners Cleaners		02-30-577102	
Address	City	State	ZIP Code
6415 28th Avenue	Kenosha	WI	53143

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner

Address	City	State	ZIP Code

Contact Person	Phone Number (include area code)

Person or company that collected samples

The Sigma Group, Inc.

Sample Results (Results Attached)

Reason for Sampling: Routine Other (define) WDNR VIZC

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil?		In Groundwater?	
	Yes	No	Yes	No
Gasoline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diesel or Fuel Oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solvents	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heavy Metals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

This sampling event included sampling of a drinking water well. <input type="radio"/> Yes <input checked="" type="radio"/> No
--

If yes, the sampled drinking water well had detectable contaminants. <input type="radio"/> Yes <input type="radio"/> No
--

Contaminants in Vapor

	Yes	No
Indoor Air	<input checked="" type="radio"/>	<input type="radio"/>
Sub-slab	<input checked="" type="radio"/>	<input type="radio"/>
Exterior Soil Gas	<input checked="" type="radio"/>	<input type="radio"/>

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 2 of 2

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a \$700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name		Contact Person Last Name	First Name	
The Sigma Group, Inc.		Meer	Stephen	
Address		City	State	ZIP Code
1300 W. Canal St.		Milwaukee	WI	53233
Phone # (inc. area code)	Email			
(414) 643-4124	smeer@thesigmgroup.com			

Select which agency: Natural Resources Agriculture, Trade and Consumer Protection

State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)		
Martinez	Joseph	(414) 218-6042		
Address		City	State	ZIP Code
1027 W. St. Paul Ave.		Milwaukee	WI	53233
Email				
joseph.martinez@wisconsin.gov				

Table 1
Sub-slab Vapor Analytical Data
6501 28th Avenue
Werners Cleaners - 6415 28th Avenue, Kenosha, Wisconsin
Sigma Project No. 21985

Sample Type:		Sub-slab Vapor Sample		Residential Vapor Risk Screening Level ² (AF=0.03)
Sample Identification:		06A_SSV_01_20231120	06A_SSV_01D_20231120	
Sample Date(s):		11/9/2023 - 11/20/2023		
Sampling/Analysis Method:		Beacon PSG Sampler/ EPA 8260C	WMS-VP	
Sample Duration (minutes):		15,770	15,800	
VOCs				
cis-1,2-Dichloroethene	µg/m ³	<1.20	<7	1,400
trans-1,2-Dichloroethene	µg/m ³	<1.44	<23	1,400
Tetrachloroethene (PCE)	µg/m ³	1.88	<2.4	1,400
Trichloroethene (TCE)	µg/m ³	<1.92	<3.8	70
Vinyl Chloride	µg/m ³	<0.78	<130	56

Notes:

1. Analytical units: µg/m³ = micrograms per cubic meter

2. Residential Vapor Risk Screening Level = Risk-based concentrations based on VALs for **residential** air which has been adjusted with an **Attenuation Factor of 0.03** for the subslab vapor to ambient air pathway in a **residential** setting. VALs for residential indoor air based on WDNR publication RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for residential air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023] and residential air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNR publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

5. NA = not analyzed

6. Laboratory flags:

7. Exceedances: **BOLD** = concentration greater than residential Vapor Risk Screening Level
[] = concentration greater than small commercial Vapor Risk Screening Level
{ } = concentration greater than large commercial / industrial Vapor Risk Screening Level

Data entered / updated by: RJA Date: 12/13/2023
Data checked by: SRM Date: 12/13/2023

Table 2
Indoor Air Analytical Data
6501 28th Avenue
Werners Cleaners VIZC - 6415 28th Avenue, Kenosha, Wisconsin
Sigma Project No. 21985

Sample Type:		Indoor Air Samples				VAL for Residential Indoor Air ²
Sample Identification:		06A_IAB_01_20231120		06A_IA1_01_20231120		
Sample Date(s):		11/9/2023-11/20/2023		11/9/2023-11/20/2023		
Sampling/Analysis Method:		Beacon Chlorosorber Sampler/ TO-17	Radiello 130/ Modified TO-17	Beacon Chlorosorber Sampler/ TO-17	Radiello 130/ Modified TO-17	
Sample Duration (minutes):		15760		15740		
VOCs						
cis-1,2-Dichloroethene	µg/m ³	<0.0453	<0.1	<0.0454	<0.1	42
trans-1,2-Dichloroethene	µg/m ³	<0.0453	<0.21	<0.0454	<0.21	42
Tetrachloroethene (PCE)	µg/m ³	0.194	0.12	0.196	<0.11	42
Trichloroethene (TCE)	µg/m ³	0.0791 J	<0.092	0.0831 J	<0.092	2.1
Vinyl Chloride	µg/m ³	<0.0567	NA	<0.0567	NA	1.7

Notes:

1. Analytical units: µg/m³ = micrograms per cubic meter
2. VAL for Residential Indoor Air = Vapor Action Level described in WDNR publication RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for **residential** air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023] and **residential** air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNR publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).
5. NA = not analyzed
6. Laboratory flags: J = Value reported below limit of quantitation (LOQ)
7. Exceedances: **BOLD** = concentration greater than residential Vapor Action Level
[] = concentration greater than small commercial Vapor Action Level
{ } = concentration greater than large commercial / industrial Vapor Action Level

Data entered / updated by: RJA
Data checked by: SRM

Date: 12/12/2023
Date: 12/12/23

**Table 3
Sanitary Sewer Gas Analytical Results
Werners Cleaners VIZC - 6415 28th Avenue, Kenosha, Wisconsin
Sigma Project No. 21985**

Sample Type:		Sewer Gas Samples									Residential Sanitary Sewer Gas Screening Level ² (AF=0.03)	Commercial/Industrial Sanitary Sewer Gas Screening Level ³ (AF = 0.03)	
Sample Identification:	06R_SSG_01_20231120	06R_SSG_02_20231120	06R_SSG_03_20231120	06R_SSG_03D_20231120	06R_SSG_04_20231120	06R_SSG_05_20231120	06R_SSG_05D_20231120	06R_SSG_06_20231120	06R_SSG_06D_20231120	06R_SSG_07_20231120			
Sample Date(s):	11/9/2023-11/20/2023	11/9/2023-11/20/2023	11/9/2023-11/20/2023	11/9/2023-11/20/2023	11/9/2023-11/20/2023	11/9/2023-11/20/2023	11/9/2023-11/20/2023	11/9/2023-11/20/2023	11/9/2023-11/20/2023	11/9/2023-11/20/2023			
Sampling/Analysis Method:	Beacon Passive Sampler/TO-17	Beacon Passive Sampler/TO-17	Beacon Passive Sampler/TO-17	WMS SE/TO-17	Beacon Passive Sampler/TO-17	Beacon Passive Sampler/TO-17	WMS SE/TO-17	Beacon Passive Sampler/TO-17	WMS SE/TO-17	Beacon Passive Sampler/TO-17			
Sample Duration:	15800	15771	15757	15753	15739	15596	15596	15582	15582	15548			
VOCs													
Benzene	µg/m ³	1.48 J	<1.21	1.21 J	<5.8	1.43 J	1.65 J	<5.8	17.3	<5.8	1.77 J	120	520
2-Butanone (MEK)	µg/m ³	NA	NA	NA	<4.2	NA	NA	<4.3	NA	<4.3	NA	173.333	733.333
Carbon Tetrachloride	µg/m ³	<0.743	<0.744	<0.745	<1.8	<0.746	<0.752	3.3	<0.753	<1.8	<0.755	160	680
Chlorobenzene	µg/m ³	<0.376	<0.376	<0.377	<0.88	<0.377	<0.381	<0.89	<0.381	<0.89	<0.382	1,733	7,333
Chloromethane	µg/m ³	NA	NA	NA	<10	NA	NA	<11	NA	<11	NA	3,133	13,000
Chloroform	µg/m ³	44.2	8.26	50.6	19	92.7	13	16	1.99	6.4	4.56	41	180
Cyclohexane	µg/m ³	NA	NA	NA	<1.6	NA	NA	<1.6	NA	<1.6	NA	210,000	866,666
1,2-Dibromoethane (EDB)	µg/m ³	<0.819	<0.820	<0.821	NA	<0.822	<0.830	NA	<0.830	NA	<0.832	1,567	6.7
1,2-Dichlorobenzene	µg/m ³	<0.426	<0.427	<0.427	<0.39	<0.427	<0.431	<0.39	<0.432	<0.39	<0.433	7,000	29,333
1,3-Dichlorobenzene	µg/m ³	<0.426	<0.427	<0.427	<0.43	<0.427	<0.431	<0.44	<0.432	<0.44	<0.433	NS	NS
1,4-Dichlorobenzene	µg/m ³	27.3	5.73	5.2	<0.43	17.6	1.97	2.4	<0.432	<0.43	<0.433	87	367
1,1-Dichloroethane	µg/m ³	<0.376	<0.376	<0.377	<2.0	<0.377	<0.381	<2	<0.381	<2	<0.382	590	2,600
1,2-Dichloroethane	µg/m ³	<0.570	<0.571	<0.572	<1.4	<0.572	<0.578	<1.4	<0.578	<1.4	<0.580	36	160
1,1-Dichloroethene	µg/m ³	1.76 J	<0.970	<0.970	<9.1	<0.972	14.6	<2	<0.981	<9.2	<0.983	7,000	29,000
cis-1,2-Dichloroethene	µg/m ³	402	107	90	<4	179	32	74	5.32	<0.612	<0.612	1,400	5,800
trans-1,2-Dichloroethene	µg/m ³	109	19.5	18.2	<4	34.5	22.6	11	1.33 J	<4	<0.738	1,400	5,800
1,4-Dioxane	µg/m ³	<0.779	<0.780	4.88	NA	<0.782	<0.789	NA	201 D	NA	<0.792	187	833
Ethylbenzene	µg/m ³	1.01 J	<0.753	<0.753	<0.76	1.41 J	2.6	2.6	<0.762	2.6	<0.764	370	1,600
Heptane	µg/m ³	NA	NA	NA	1.7	NA	NA	<1.5	NA	<1.5	NA	14,000	60,000
Hexane	µg/m ³	NA	NA	NA	<8.5	NA	NA	<8.5	NA	<8.6	NA	24,333	103,333
Isopropylbenzene	µg/m ³	<0.770	<0.771	<0.772	NA	<0.773	<0.780	NA	<0.780	NA	<0.782	NS	NS
4-Methyl-2-pentanone (MIBK)	µg/m ³	NA	NA	NA	<2.5	NA	NA	<2.6	NA	<2.6	NA	103,333	433,333
Methylene Chloride	µg/m ³	9.43	3.83	5.08	NA	12.3	3.69	NA	<0.925	NA	10	21,000	88,000
2-Methylnaphthalene	µg/m ³	1.55 J	0.536 J	<0.421	NA	0.929 J	<0.426	NA	<0.426	NA	<0.427	NS	NS
Methyl-tert-butyl ether	µg/m ³	<1.28	<1.28	<1.28	<2	<1.28	<1.29	<2	<1.30	<2	<1.30	3,600	16,000
Naphthalene	µg/m ³	1.30 J	<0.400	<0.400	<0.72	0.64 J	0.481 J	<0.73	<0.405	<0.73	<0.406	28	120
Propylbenzene	µg/m ³	NA	NA	NA	<0.56	NA	NA	<0.56	NA	<0.56	NA	33,333	146,666
Styrene	µg/m ³	NA	NA	NA	0.7	NA	NA	<0.71	NA	<0.71	NA	33,333	146,666
1,1,2,2-Tetrachloroethane	µg/m ³	0.986 J	<0.780	<0.781	<0.70	<0.782	<0.789	<0.71	<0.790	<0.71	<0.792	16	70
Tetrachloroethene (PCE)	µg/m ³	4,620 D	765	545	990	714	[22,600 D]	[33,000]	41.5	230	11.5	1,400	5,800
Toluene	µg/m ³	17.1	3.88 J	4.9	8.4	12	5.3	7.8	<1.62	9.9	3.18 J	170,000	730,000
1,2,3-Trichlorobenzene	µg/m ³	<0.819	<0.820	<0.821	NA	<0.822	<0.830	NA	<0.830	NA	<0.832	NS	NS
1,2,4-Trichlorobenzene	µg/m ³	<0.819	<0.820	<0.821	<0.820	<0.822	<0.830	NA	<0.830	NA	<0.832	70	293
1,1,1-Trichloroethane	µg/m ³	<0.304	<0.305	<0.305	<2.1	<0.305	0.635	3.1	<0.308	<2.1	0.465 J	170,000	730,000
1,1,2-Trichloroethane	µg/m ³	<0.968	<0.970	<0.970	<1.2	<0.972	<0.980	<1.2	<0.981	<1.2	<0.983	60	257
Trichloroethene (TCE)	µg/m ³	[324]	155	52.8	45	83.3	[1,240]	[350]	5.79	50	1.25 J	70	290
1,2,3-Trichloropropane	µg/m ³	<0.426	<0.427	<0.427	NA	<0.427	<0.431	NA	<0.432	NA	<0.433	10	43
1,1,2-Trichlorotrifluoroethane	µg/m ³	0.421 J	<0.359	<0.360	NA	0.362 J	<0.364	NA	<0.364	NA	0.402 J	173,333	733,333
1,2,4-Trimethylbenzene	µg/m ³	7.53	0.819 J	<0.772	1.5	1.32 J	10.2	10	<0.780	6.8	<0.782	2,100	8,800
1,3,5-Trimethylbenzene	µg/m ³	1.98	<0.771	<0.772	<0.5	<0.773	3.34	3.7	<0.780	2.5	<0.782	2,100	8,800
Vinyl Chloride	µg/m ³	12.2	5.78	5.26	<10	7.8	1.41	<11	<0.400	<11	<0.401	56	930
Xylenes, total	µg/m ³	4.35J	<1.454	<1.454	<1.47	0.931J	7.62	15.1	<1.472	13.6	0.992J	3,500	15,000

Notes:

1. Analytical units: µg/m³ = micrograms per cubic meter

2. Residential Sanitary Sewer Gas Screening Level = Risk-based concentrations based on VALs for residential air which has been adjusted with an Attenuation Factor of 0.03 for the sanitary sewer to ambient air pathway in a residential setting. VALs for residential indoor air based on WDNr publication RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for residential air (Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023) and residential air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNr publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

3. Commercial/Industrial Sanitary Sewer Gas Screening Level = Risk-based concentrations based on VALs for commercial/industrial air which has been adjusted with an Attenuation Factor of 0.03 for the sanitary sewer gas to ambient air pathway in a commercial/industrial setting. VALs for commercial/industrial setting indoor air based on WDNr publication PUB-RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for industrial air (Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023) and commercial/industrial air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNr publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

5. NA = not analyzed

6. Exceedances: **BOLD** = concentration greater than residential Sanitary Sewer Gas Screening Level
[] = concentration greater than commercial/industrial Sanitary Sewer Gas Screening Level

8. J = Value reported below limit of quantitation (LOQ).

9. D = Dilution required to report within calibration limits.

Data entered / updated by: _____ Date: 12/12/2023
Data checked by: _____ Date: 12/12/2023
RJA
SRM

Table 4
Shallow Soil Gas Analytical Results
Werners Cleaners VIZC - 6415 28th Avenue, Kenosha, Wisconsin
Sigma Project No. 21985

Sample Type:	Subslab Vapor Samples										Residential Vapor Risk Screening Level ² (AF=0.03)	Small Commercial Vapor Risk Screening Level ³ (AF = 0.03)	Large Commercial / Industrial Vapor Risk Screening Level ⁴ (AF = 0.01)	
Sample Identification:	06R_SG_01_20 231120	06R_SG_02_20 231120	06R_SG_03_20 231120	06R_SG_04_20 231120	06R_SG_05_20 231120	06R_SG_06_20 231120	06R_SG_07_20 231120	06R_SG_08_20 231120	06R_SG_09_20 231120	06R_SG_10_20 231120				
Sample Date(s):	11/9/23 - 11/20/2023	11/9/23 - 11/20/2023	11/9/23 - 11/20/2023	11/9/23 - 11/20/2023	11/9/23 - 11/20/2023	11/9/23 - 11/20/2023	11/9/23 - 11/20/2023	11/9/23 - 11/20/2023	11/9/23 - 11/20/2023	11/9/23 - 11/20/2023				
Sampling/Analysis Method:	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C				
Sample Duration:	10d 22hr 5min	10d 22hr 4min	10d 22hr	10d 21hr 43min	10d 21hr 38min	10d 21hr 34min	10d 21hr 25min	10d 21hr 18min	10d 21hr 10min	10d 20hr 53min				
VOCs														
Benzene	µg/m ³	<3.00	<3.00	<3.00	<3.00	<3.00	<3.01	<3.01	<3.01	13.9	6.65	120	520	1,600
Carbon Tetrachloride	µg/m ³	<1.48	<1.48	<1.48	<1.48	<1.48	<1.48	<1.48	<1.48	<1.48	<1.49	160	680	2,000
Chlorobenzene	µg/m ³	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	1,733	7,333	22,000
Chloroform	µg/m ³	<1.82	<1.82	<1.82	<1.82	<1.82	<1.82	<1.82	<1.82	<1.82	<1.83	41	180	530
1,2-Dibromoethane (EDB)	µg/m ³	<1.63	<1.63	<1.63	<1.63	<1.63	<1.63	<1.63	<1.64	<1.64	<1.64	1,567	6.7	20
1,2-Dichlorobenzene	µg/m ³	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	7,000	29,333	88,000
1,3-Dichlorobenzene	µg/m ³	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	NS	NS	NS
1,4-Dichlorobenzene	µg/m ³	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	87	367	1,100
1,1-Dichloroethane	µg/m ³	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	590	2,600	7,700
1,2-Dichloroethane	µg/m ³	<1.14	<1.14	<1.14	<1.14	<1.14	<1.14	<1.14	<1.14	<1.14	<1.14	36	160	470
1,1-Dichloroethene	µg/m ³	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.94	7,000	29,000	88,000
cis-1,2-Dichloroethene	µg/m ³	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20	<1.21	1,400	5,800	18,000
trans-1,2-Dichloroethene	µg/m ³	<1.45	<1.45	<1.45	<1.45	<1.45	<1.45	<1.45	<1.45	<1.45	<1.45	1,400	5,800	18,000
1,4-Dioxane	µg/m ³	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.56	<1.56	<1.56	<1.56	187	833	2,500
Ethylbenzene	µg/m ³	<1.87	<1.87	<1.87	<1.87	<1.87	<1.87	<1.88	<1.88	<1.88	<1.88	370	1,600	4,900
Isopropylbenzene	µg/m ³	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	NS	NS	NS
Methylene Chloride	µg/m ³	<1.82	<1.82	<1.82	<1.82	<1.82	<1.82	<1.82	<1.82	<1.82	<1.83	21,000	88,000	260,000
2-Methylnaphthalene	µg/m ³	<2.09	<2.09	<2.09	<2.09	<2.10	<2.10	<2.10	<2.10	<2.10	<2.10	NS	NS	NS
Methyl-tert-butyl ether	µg/m ³	<3.18	<3.18	<3.18	<3.18	<3.19	<3.19	<3.19	<3.19	<3.19	<3.19	3,600	16,000	47,000
Naphthalene	µg/m ³	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<1.99	<2.00	28	120	360
1,1,2,2-Tetrachloroethane	µg/m ³	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.56	<1.56	<1.56	<1.56	16	70	210
Tetrachloroethene (PCE)	µg/m ³	<1.55	<1.55	<1.55	<1.55	<1.55	<1.55	<1.56	<1.56	<1.56	<1.56	1,400	5,800	18,000
Toluene	µg/m ³	<3.97	<3.97	<3.98	<3.98	<3.98	<3.98	<3.98	<3.99	<3.99	<3.99	170,000	730,000	2,200,000
1,2,3-Trichlorobenzene	µg/m ³	<1.63	<1.63	<1.63	<1.63	<1.63	<1.63	<1.63	<1.64	<1.64	<1.64	NS	NS	NS
1,2,4-Trichlorobenzene	µg/m ³	<1.63	<1.63	<1.63	<1.63	<1.63	<1.63	<1.63	<1.64	<1.64	<1.64	70	293	880
1,1,1-Trichloroethane	µg/m ³	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	170,000	730,000	2,200,000
1,1,2-Trichloroethane	µg/m ³	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.94	60	257	770
Trichloroethene (TCE)	µg/m ³	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.93	<1.94	70	290	880
1,2,3-Trichloropropane	µg/m ³	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	10	43	129
1,1,2-Trichlorotrifluoroethane	µg/m ³	<0.71	<0.71	<0.71	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	<0.72	173,333	733,333	2,200,000
1,2,4-Trimethylbenzene	µg/m ³	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	2,100	8,800	26,000
1,3,5-Trimethylbenzene	µg/m ³	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	<1.92	2,100	8,800	26,000
Vinyl Chloride	µg/m ³	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	56	930	2,800
Xylenes, total	µg/m ³	<3.62	<3.62	<3.62	<3.62	<3.62	<3.62	8.75	<3.62	<3.62	<3.62	3,500	15,000	44,000

Notes:

1. Analytical units: µg/m³ = micrograms per cubic meter

2. Residential Vapor Risk Screening Level = Risk-based concentrations based on VALs for residential air which has been adjusted with an Attenuation Factor of 0.03 for the shallow soil gas to indoor air pathway in a residential setting. VALs for residential indoor air based on WDNR publication RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for residential air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023] and residential air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNR publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

3. Small Commercial Vapor Risk Screening Level = Risk-based concentrations based on VALs for small commercial air which has been adjusted with an Attenuation Factor of 0.03 for the shallow soil gas to indoor air pathway in a small commercial setting. VALs for small commercial setting indoor air based on WDNR publication PUB-RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for industrial air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023] and small commercial air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNR publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

4. Large Commercial / Industrial Vapor Risk Screening Level = Risk-based concentrations based on VALs for large commercial/industrial air which has been adjusted with an Attenuation Factor of 0.01 for the shallow soil gas to indoor air pathway in a large commercial/industrial setting. VALs for large commercial / industrial indoor air based on WDNR publication PUB-RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for industrial air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023] and large commercial / industrial air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNR publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

5. NA = not analyzed

6. Laboratory flags:

7. Exceedances: **BOLD** = concentration greater than residential Vapor Risk Screening Level
[] = concentration greater than small commercial Vapor Risk Screening Level
{ } = concentration greater than large commercial / industrial Vapor Risk Screening Level

Data entered / updated by: CRD
 Data checked by: SRM

Date: 12/7/2023
 Date: 12/7/2023

Table 4
Shallow Soil Gas Analytical Results
Werners Cleaners VIZC - 6415 28th Avenue, Kenosha, Wisconsin
Sigma Project No. 21985

Sample Type:	Shallow Soil Gas Samples												Residential Vapor Risk Screening Level ² (AF=0.03)	Small Commercial Vapor Risk Screening Level ³ (AF = 0.03)	Large Commercial / Industrial Vapor Risk Screening Level ⁴ (AF = 0.01)
Sample Identification:	06R_SG_11_20_231120	06R_SG_12_20_231120	06R_SG_13_20_231120	06R_SG_14_20_231120	06R_SG_15_20_231120	06R_SG_16_20_231120	06R_SG_17_20_231120	06R_SG_17D_20231120	06R_SG_18_20_231120	06R_SG_19_20_231120	06R_SG_20_20_231120				
Sample Date(s):	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023			
Sampling/Analysis Method:	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	WMS-LU/TO-17	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C			
Sample Duration:	10d 1hr 32min	10d 1hr 30min	10d 1hr 27min	10d 1hr 10min	10d 1hr 20min	10d 56min	10d 50min	10d 50min	10d 42min	10d 32min	10d 23min				
VOCs															
Benzene	µg/m ³	3.31	<3.26	<3.26	<3.26	<3.26	<3.26	<3.26	<3.26	<3.26	<3.26	<3.26	120	520	1,600
2-Butanone (MEK)	µg/m ³	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	173,333	733,333	2,200,000
Carbon Tetrachloride	µg/m ³	<1.60	<1.60	<1.61	<1.61	<1.61	<1.61	<1.61	<1.61	<1.61	<1.61	<1.61	160	680	2,000
Chlorobenzene	µg/m ³	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	1,733	7,333	22,000
Chloromethane	µg/m ³	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,133	13,000	39,000
Chloroform	µg/m ³	<1.97	<1.97	<1.97	<1.97	<1.97	<1.98	<1.98	<1.98	<1.98	<1.98	<1.98	41	180	530
Cyclohexane	µg/m ³	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	210,000	866,666	2,600,000
1,2-Dibromoethane (EDB)	µg/m ³	<1.77	<1.77	<1.77	<1.77	<1.77	<1.77	<1.77	NA	<1.78	<1.78	<1.78	1,567	6.7	20
1,2-Dichlorobenzene	µg/m ³	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<1.3	<0.92	<0.92	<0.92	7,000	29,333	88,000
1,3-Dichlorobenzene	µg/m ³	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<1.4	<0.92	<0.92	<0.92	NS	NS	NS
1,4-Dichlorobenzene	µg/m ³	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<1.4	<0.92	<0.92	<0.92	87	367	1,100
1,1-Dichloroethane	µg/m ³	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<6.6	<0.81	<0.81	<0.81	590	2,600	7,700
1,2-Dichloroethane	µg/m ³	<1.23	<1.23	<1.23	<1.23	<1.23	<1.24	<1.24	<4.6	<1.24	<1.24	<1.24	36	160	470
1,1-Dichloroethene	µg/m ³	<2.09	<2.09	<2.09	<2.09	<2.09	<2.10	<2.10	<30	<2.10	<2.10	<2.10	7,000	29,000	88,000
cis-1,2-Dichloroethene	µg/m ³	<1.30	<1.30	<1.30	<1.30	<1.30	<1.31	<1.31	<5.4	3.63	<1.31	<1.31	1,400	5,800	18,000
trans-1,2-Dichloroethene	µg/m ³	<1.57	<1.57	<1.57	<1.57	<1.57	<1.57	<1.57	<13	<1.57	<1.57	<1.57	1,400	5,800	18,000
1,4-Dioxane	µg/m ³	<1.68	<1.68	<1.68	<1.69	<1.68	<1.69	<1.69	NA	<1.69	<1.69	<1.69	187	833	2,500
Ethylbenzene	µg/m ³	<2.03	<2.03	<2.03	<2.03	<2.03	<2.03	<2.04	NA	<2.04	<2.04	<2.04	370	1,600	4,900
Heptane	µg/m ³	NA	NA	NA	NA	NA	NA	NA	<4.9	NA	NA	NA	14,000	60,000	180,000
Hexane	µg/m ³	NA	NA	NA	NA	NA	NA	NA	<28	NA	NA	NA	24,333	103,333	310,000
Isopropylbenzene	µg/m ³	<2.08	<2.08	<2.08	<2.08	<2.08	<2.08	<2.08	NA	<2.09	<2.09	<2.09	NS	NS	NS
4-Methyl-2-pentanone (MIBK)	µg/m ³	NA	NA	NA	NA	NA	NA	NA	<8.2	NA	NA	NA	103,333	433,333	1,300,000
Methylene Chloride	µg/m ³	<1.97	<1.97	<1.97	<1.97	<1.97	<1.98	<1.98	NA	<1.98	<1.98	<1.98	21,000	88,000	260,000
2-Methylnaphthalene	µg/m ³	<2.27	<2.27	<2.27	<2.27	<2.27	<2.28	<2.28	NA	<2.28	<2.28	<2.28	NS	NS	NS
Methyl-tert-butyl ether	µg/m ³	<3.45	<3.45	<3.45	<3.46	<3.45	<3.46	<3.46	NA	<3.46	<3.46	<3.47	3,600	16,000	47,000
Naphthalene	µg/m ³	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.16	<2.3	<2.16	<2.17	<2.17	28	120	360
Propylbenzene	µg/m ³	NA	NA	NA	NA	NA	NA	NA	<1.8	NA	NA	NA	33,333	146,666	440,000
Styrene	µg/m ³	NA	NA	NA	NA	NA	NA	NA	<2.3	NA	NA	NA	33,333	146,666	440,000
1,1,2,2-Tetrachloroethane	µg/m ³	<1.68	<1.68	<1.68	<1.69	<1.68	<1.69	<1.69	<2.3	<1.69	<1.69	<1.69	16	70	210
Tetrachloroethene (PCE)	µg/m ³	<1.68	3.66	2.81	<1.69	<1.68	<1.69	8.57	26	1,420	7.54	<1.69	1,400	5,800	18,000
Toluene	µg/m ³	<4.31	<4.31	<4.31	<4.32	<4.32	<4.32	<4.33	<3.5	<4.33	<4.33	<4.33	170,000	730,000	2,200,000
1,2,3-Trichlorobenzene	µg/m ³	<1.77	<1.77	<1.77	<1.77	<1.77	<1.77	<1.77	NA	<1.78	<1.78	<1.78	NS	NS	NS
1,2,4-Trichlorobenzene	µg/m ³	<1.77	<1.77	<1.77	<1.77	<1.77	<1.77	<1.77	NA	<1.78	<1.78	<1.78	70	293	880
1,1,1-Trichloroethane	µg/m ³	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<6.9	<0.66	<0.66	<0.66	170,000	730,000	2,200,000
1,1,2-Trichloroethane	µg/m ³	<2.09	<2.09	<2.09	<2.09	<2.09	<2.10	<2.10	NA	<2.10	<2.10	<2.10	60	257	770
Trichloroethene (TCE)	µg/m ³	<2.09	<2.09	<2.09	<2.09	<2.09	<2.10	<2.10	NA	207	<2.10	<2.10	70	290	880
1,2,3-Trichloropropane	µg/m ³	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	NA	<0.92	<0.92	<0.92	10	43	129
1,1,2-Trichlorotrifluoroethane	µg/m ³	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	<0.78	NA	<0.78	<0.78	<0.78	173,333	733,333	2,200,000
1,2,4-Trimethylbenzene	µg/m ³	<2.08	<2.08	<2.08	<2.08	<2.08	<2.08	<2.08	<1.5	<2.09	<2.09	<2.09	2,100	8,800	26,000
1,3,5-Trimethylbenzene	µg/m ³	<2.08	<2.08	<2.08	<2.08	<2.08	<2.08	<2.08	<1.6	<2.09	<2.09	<2.09	2,100	8,800	26,000
Vinyl Chloride	µg/m ³	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<34	<0.85	<0.86	<0.86	56	930	2,800
Xylenes, total	µg/m ³	<3.92	<3.92	<3.92	<3.92	<3.92	<3.94	<3.94	<4.8	<3.94	<3.94	<3.94	3,500	15,000	44,000

Notes:

1. Analytical units: µg/m³ = micrograms per cubic meter

2. Residential Vapor Risk Screening Level = Risk-based concentrations based on VALs for residential air which has been adjusted with an Attenuation Factor of 0.03 for the shallow soil gas to indoor air pathway in a residential setting. VALs for residential indoor air based on WDNr publication RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for residential air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023] and residential air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNr publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

3. Small Commercial Vapor Risk Screening Level = Risk-based concentrations based on VALs for small commercial air which has been adjusted with an Attenuation Factor of 0.03 for the shallow soil gas to indoor air pathway in a small commercial setting. VALs for small commercial setting indoor air based on WDNr publication PUB-RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for industrial air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023] and small commercial air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNr publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

4. Large Commercial / Industrial Vapor Risk Screening Level = Risk-based concentrations based on VALs for large commercial/industrial air which has been adjusted with an Attenuation Factor of 0.01 for the shallow soil gas to indoor air pathway in a large commercial/industrial setting. VALs for large commercial / industrial indoor air based on WDNr publication PUB-RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for industrial air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023] and large commercial / industrial air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNr publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

5. NA = not analyzed

6. Laboratory flags:

7. Exceedances:
BOLD = concentration greater than residential Vapor Risk Screening Level
[] = concentration greater than small commercial Vapor Risk Screening Level
{ } = concentration greater than large commercial / industrial Vapor Risk Screening Level

Data entered / updated by: RJA Date: 12/13/2023
Data checked by: SRM Date: 12/13/2023

Table 4
Shallow Soil Gas Analytical Results
Werners Cleaners VIZC - 6415 28th Avenue, Kenosha, Wisconsin
Sigma Project No. 21985

Sample Type:	Shallow Soil Gas Samples										Residential Vapor Risk Screening Level ² (AF=0.03)	Small Commercial Vapor Risk Screening Level ³ (AF = 0.03)	Large Commercial / Industrial Vapor Risk Screening Level ⁴ (AF = 0.01)	
Sample Identification:	06R_SG_21_20 231120	06R_SG_22_20 231120	06R_SG_23_20 231120	06R_SG_24_20 231120	06R_SG_25_20 231120	06R_SG_26_20 231120	06R_SG_27_20 231120	06R_SG_28_20 231120	06R_SG_29_20 231120	06R_SG_30_20 231120				
Sample Date(s):	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023				
Sampling/Analysis Method:	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C				
Sample Duration:	9d 23hr 50min	9d 23hr 42min	9d 23hr 25min	9d 23hr 18min	9d 23hr 5min	9d 22hr 33min	9d 22hr 23min	9d 22hr 6min	9d 21hr 40min	9d 21hr 25min				
VOCs														
Benzene	µg/m ³	4.82	<3.28	<3.28	<3.29	<3.29	<3.30	<3.30	<3.30	<3.31	<3.31	120	520	1,600
Carbon Tetrachloride	µg/m ³	<1.62	<1.62	<1.62	<1.62	<1.62	<1.62	<1.63	<1.63	<1.63	<1.63	160	680	2,000
Chlorobenzene	µg/m ³	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.83	<0.83	1,733	7,333	22,000
Chloroform	µg/m ³	<1.99	<1.99	<1.99	<1.99	<1.99	<2.00	<2.00	<2.00	<2.00	<2.01	41	180	530
1,2-Dibromoethane (EDB)	µg/m ³	<1.78	<1.78	<1.78	<1.79	<1.79	<1.79	<1.79	<1.79	<1.80	<1.80	1,567	6.7	20
1,2-Dichlorobenzene	µg/m ³	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.94	<0.94	7,000	29,333	88,000
1,3-Dichlorobenzene	µg/m ³	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.94	<0.94	NS	NS	NS
1,4-Dichlorobenzene	µg/m ³	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.94	<0.94	87	367	1,100
1,1-Dichloroethane	µg/m ³	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.83	<0.83	590	2,600	7,700
1,2-Dichloroethane	µg/m ³	<1.24	<1.24	<1.24	<1.24	<1.24	<1.25	<1.25	<1.25	<1.25	<1.25	36	160	470
1,1-Dichloroethene	µg/m ³	<2.11	<2.11	<2.11	<2.11	<2.11	<2.12	<2.12	<2.12	<2.13	<2.13	7,000	29,000	88,000
cis-1,2-Dichloroethene	µg/m ³	<1.31	<1.31	<1.31	<1.31	<1.32	<1.32	<1.32	<1.32	<1.32	<1.32	1,400	5,800	18,000
trans-1,2-Dichloroethene	µg/m ³	<1.58	<1.58	<1.58	<1.58	<1.58	<1.59	<1.59	<1.59	<1.59	<1.60	1,400	5,800	18,000
1,4-Dioxane	µg/m ³	<1.69	<1.70	<1.70	<1.70	<1.70	<1.70	<1.71	<1.71	<1.71	<1.71	187	833	2,500
Ethylbenzene	µg/m ³	<2.04	<2.05	<2.05	<2.05	<2.05	<2.05	<2.06	<2.06	<2.06	<2.06	370	1,600	4,900
Isopropylbenzene	µg/m ³	<2.09	<2.09	<2.10	<2.10	<2.10	<2.10	<2.11	<2.11	<2.11	<2.11	NS	NS	NS
Methylene Chloride	µg/m ³	<1.99	<1.99	<1.99	<1.99	<1.99	<2.00	<2.00	<2.00	<2.00	<2.01	21,000	88,000	260,000
2-Methylnaphthalene	µg/m ³	<2.29	<2.29	<2.29	<2.29	<2.29	<2.30	<2.30	<2.30	<2.31	<2.31	NS	NS	NS
Methyl-tert-butyl ether	µg/m ³	<3.47	<3.48	<3.48	<3.48	<3.49	<3.49	<3.50	<3.50	<3.51	<3.51	3,600	16,000	47,000
Naphthalene	µg/m ³	<2.17	<2.17	<2.18	<2.18	<2.18	<2.18	<2.18	<2.19	<2.19	<2.19	28	120	360
1,1,2,2-Tetrachloroethane	µg/m ³	<1.69	<1.70	<1.70	<1.70	<1.70	<1.70	<1.71	<1.71	<1.71	<1.71	16	70	210
Tetrachloroethene (PCE)	µg/m ³	<1.69	<1.70	<1.70	<1.70	<1.70	<1.70	<1.71	<1.71	<1.71	<1.71	1,400	5,800	18,000
Toluene	µg/m ³	<4.34	<4.35	<4.35	<4.35	<4.36	<4.37	<4.37	<4.37	<4.38	<4.39	170,000	730,000	2,200,000
1,2,3-Trichlorobenzene	µg/m ³	<1.78	<1.78	<1.78	<1.79	<1.79	<1.79	<1.79	<1.79	<1.80	<1.80	NS	NS	NS
1,2,4-Trichlorobenzene	µg/m ³	<1.78	<1.78	<1.78	<1.79	<1.79	<1.79	<1.79	<1.79	<1.80	<1.80	70	293	880
1,1,1-Trichloroethane	µg/m ³	<0.66	<0.66	<0.66	<0.66	<0.66	<0.67	<0.67	<0.67	<0.67	<0.67	170,000	730,000	2,200,000
1,1,2-Trichloroethane	µg/m ³	<2.11	<2.11	<2.11	<2.11	<2.11	<2.12	<2.12	<2.12	<2.13	<2.13	60	257	770
Trichloroethene (TCE)	µg/m ³	<2.11	<2.11	<2.11	<2.11	<2.11	<2.12	<2.12	<2.12	<2.13	<2.13	70	290	880
1,2,3-Trichloropropane	µg/m ³	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.94	<0.94	10	43	129
1,1,2-Trichlorotrifluoroethane	µg/m ³	<0.78	<0.78	<0.78	<0.78	<0.78	<0.79	<0.79	<0.79	<0.79	<0.79	173,333	733,333	2,200,000
1,2,4-Trimethylbenzene	µg/m ³	<2.09	<2.09	<2.10	<2.10	<2.10	<2.10	<2.11	<2.11	<2.11	<2.11	2,100	8,800	26,000
1,3,5-Trimethylbenzene	µg/m ³	<2.09	<2.09	<2.10	<2.10	<2.10	<2.10	<2.11	<2.11	<2.11	<2.11	2,100	8,800	26,000
Vinyl Chloride	µg/m ³	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.87	<0.87	56	930	2,800
Xylenes, total	µg/m ³	<3.94	<3.96	<3.96	<3.96	<3.96	<3.96	<3.96	<3.98	<3.98	<3.98	3,500	15,000	44,000

Notes:

1. Analytical units: µg/m³ = micrograms per cubic meter

2. Residential Vapor Risk Screening Level = Risk-based concentrations based on VALs for residential air which has been adjusted with an Attenuation Factor of 0.03 for the shallow soil gas to indoor air pathway in a residential setting. VALs for residential indoor air based on WDNR publication RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for residential air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023] and residential air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNR publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

3. Small Commercial Vapor Risk Screening Level = Risk-based concentrations based on VALs for small commercial air which has been adjusted with an Attenuation Factor of 0.03 for the shallow soil gas to indoor air pathway in a small commercial setting. VALs for small commercial indoor air based on WDNR publication PUB-RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for industrial air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023] and small commercial air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNR publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

4. Large Commercial / Industrial Vapor Risk Screening Level = Risk-based concentrations based on VALs for large commercial/industrial air which has been adjusted with an Attenuation Factor of 0.01 for the shallow soil gas to indoor air pathway in a large commercial/industrial setting. VALs for large commercial / industrial indoor air based on WDNR publication PUB-RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for industrial air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023] and large commercial / industrial air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNR publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

5. NA = not analyzed

6. Laboratory flags:

- 7. Exceedances:
 - BOLD** = concentration greater than residential Vapor Risk Screening Level
 - [] = concentration greater than small commercial Vapor Risk Screening Level
 - { } = concentration greater than large commercial / industrial Vapor Risk Screening Level

Data entered / updated by: CRD Date: 12/7/2023
 Data checked by: SRM Date: 12/7/2023

Table 4
Shallow Soil Gas Analytical Results
Werners Cleaners VIZC - 6415 28th Avenue, Kenosha, Wisconsin
Sigma Project No. 21985

Sample Type:	Shallow Soil Gas Samples												Residential Vapor Risk Screening Level ² (AF=0.03)	Small Commercial Vapor Risk Screening Level ³ (AF = 0.03)	Large Commercial / Industrial Vapor Risk Screening Level ⁴ (AF = 0.01)	
Sample Identification:	06R_SG_31_20_231120	06R_SG_31D_20231120	06R_SG_32_20_231120	06R_SG_33_20_231120	06R_SG_34_20_231120	06R_SG_35_20_231120	06R_SG_35D_20231120	06R_SG_36_20_231120	06R_SG_37_20_231120	06R_SG_38_20_231120	06R_SG_39_20_231120	06R_SG_40_20_231120				
Sample Date(s):	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023	11/10/23-11/20/2023			
Sampling/Analysis Method:	Beacon PS6/EPA 8260C	WMS-LU/TO-17	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	WMS-LU/TO-17	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C	Beacon PS6/EPA 8260C			
Sample Duration:	9d 21hr 50min	9d 23hr 40min	9d 23hr 9min	9d 23hr 10min	9d 23hr 1min	9d 23hr	9d 23hr	9d 22hr 41min	9d 22hr 30min	9d 22hr 25min	9d 22hr 23min	9d 22hr 20min				
VOCs																
Benzene	µg/m ³	<3.31	<19	<3.29	<3.29	<3.29	<3.29	<19	3.84	3.81	4.56	<3.30	<3.31	120	520	1,600
2-Butanone (MEK)	µg/m ³	NA	<14	NA	NA	NA	NA	<14	NA	NA	NA	NA	NA	173,333	733,333	2,200,000
Carbon Tetrachloride	µg/m ³	<1.63	<5.9	<1.62	<1.62	<1.62	<1.62	<5.9	<1.62	<1.63	<1.63	<1.63	<1.63	160	680	2,000
Chlorobenzene	µg/m ³	<0.82	<2.9	<0.82	<0.82	<0.82	<0.82	<2.9	<0.82	<0.82	<0.82	<0.82	<0.83	1,733	7,333	22,000
Chloromethane	µg/m ³	NA	<35	NA	NA	NA	NA	<35	NA	NA	NA	NA	NA	3,133	13,000	39,000
Chloroform	µg/m ³	<2.00	<5.3	<1.99	<1.99	<1.99	<1.99	<5.4	<2.00	<2.00	<2.00	<2.00	<2.01	41	180	530
Cyclohexane	µg/m ³	NA	<5.3	NA	NA	NA	NA	<5.3	NA	NA	NA	NA	NA	210,000	866,666	2,600,000
1,2-Dibromoethane (EDB)	µg/m ³	<1.80	NA	<1.79	<1.79	<1.79	<1.79	NA	<1.79	<1.79	<1.79	<1.79	<1.80	1,567	6.7	20
1,2-Dichlorobenzene	µg/m ³	<0.93	<1.3	<0.93	<0.93	<0.93	<0.93	<1.3	<0.93	<0.93	<0.93	<0.93	<0.94	7,000	29,333	88,000
1,3-Dichlorobenzene	µg/m ³	<0.93	<1.4	<0.93	<0.93	<0.93	<0.93	<1.4	<0.93	<0.93	<0.93	<0.93	<0.94	NS	NS	NS
1,4-Dichlorobenzene	µg/m ³	<0.93	<1.4	<0.93	<0.93	<0.93	<0.93	<1.4	<0.93	<0.93	<0.93	<0.93	<0.94	87	367	1,100
1,1-Dichloroethane	µg/m ³	<0.82	<6.7	<0.82	<0.82	<0.82	<0.82	<6.7	<0.82	<0.82	<0.82	<0.82	<0.83	590	2,600	7,700
1,2-Dichloroethane	µg/m ³	<1.25	<4.6	<1.24	<1.24	<1.25	<1.25	<4.6	<1.25	<1.25	<1.25	<1.25	<1.25	36	160	470
1,1-Dichloroethene	µg/m ³	<2.12	<30	<2.11	<2.11	<2.11	<2.11	<30	<2.12	<2.12	<2.12	<2.12	<2.13	7,000	29,000	88,000
cis-1,2-Dichloroethene	µg/m ³	<1.32	<5.4	<1.31	<1.31	<1.32	<1.32	<5.4	<1.32	<1.32	<1.32	<1.32	<1.32	1,400	5,800	18,000
trans-1,2-Dichloroethene	µg/m ³	<1.59	<13	<1.58	<1.58	<1.58	<1.58	<13	<1.59	<1.59	<1.59	5.82	<1.60	1,400	5,800	18,000
1,4-Dioxane	µg/m ³	<1.71	NA	<1.70	<1.70	<1.70	<1.70	NA	<1.70	<1.70	<1.71	<1.71	<1.71	187	833	2,500
Ethylbenzene	µg/m ³	<2.06	NA	<2.05	<2.05	<2.05	<2.05	NA	<2.05	<2.06	<2.06	<2.06	<2.06	370	1,600	4,900
Heptane	µg/m ³	NA	<5	NA	NA	NA	NA	8.0	NA	NA	NA	NA	NA	14,000	60,000	180,000
Hexane	µg/m ³	NA	<28	NA	NA	NA	NA	<28	NA	NA	NA	NA	NA	24,333	103,333	310,000
Isopropylbenzene	µg/m ³	<2.11	NA	<2.10	<2.10	<2.10	<2.10	NA	<2.10	<2.10	<2.11	<2.11	<2.11	NS	NS	NS
4-Methyl-2-pentanone (MIBK)	µg/m ³	NA	<8.3	NA	NA	NA	NA	<8.3	NA	NA	NA	NA	NA	103,333	433,333	1,300,000
Methylene Chloride	µg/m ³	<2.00	NA	<1.99	<1.99	<1.99	<1.99	NA	<2.00	<2.00	<2.00	<2.00	<2.01	21,000	88,000	260,000
2-Methylnaphthalene	µg/m ³	<2.31	NA	<2.29	<2.29	<2.29	<2.29	NA	<2.30	<2.30	<2.30	<2.30	<2.31	NS	NS	NS
Methyl-tert-butyl ether	µg/m ³	<3.50	NA	<3.48	<3.48	<3.49	<3.49	NA	<3.49	<3.49	<3.50	<3.50	<3.51	3,600	16,000	47,000
Naphthalene	µg/m ³	<2.19	<2.3	<2.18	<2.18	<2.18	<2.18	<2.3	<2.18	<2.18	<2.18	<2.18	<2.19	28	120	360
Propylbenzene	µg/m ³	NA	<1.8	NA	NA	NA	NA	<1.8	NA	NA	NA	NA	NA	33,333	146,666	440,000
Styrene	µg/m ³	NA	<2.3	NA	NA	NA	NA	<2.3	NA	NA	NA	NA	NA	33,333	146,666	440,000
1,1,2,2-Tetrachloroethane	µg/m ³	<1.71	<2.3	<1.70	<1.70	<1.70	<1.70	<2.3	<1.70	<1.70	<1.71	<1.71	<1.71	16	70	210
Tetrachloroethene (PCE)	µg/m ³	<1.71	NA	<1.70	<1.70	<1.70	<1.70	NA	<1.70	<1.70	20.8	648	<1.71	1,400	5,800	18,000
Toluene	µg/m ³	<4.38	28	<4.36	<4.36	<4.36	<4.36	7.1	<4.36	<4.37	<4.37	<4.37	<4.39	170,000	730,000	2,200,000
1,2,3-Trichlorobenzene	µg/m ³	<1.80	NA	<1.79	<1.79	<1.79	<1.79	NA	<1.79	<1.79	<1.79	<1.79	<1.80	NS	NS	NS
1,2,4-Trichlorobenzene	µg/m ³	<1.80	NA	<1.79	<1.79	<1.79	<1.79	NA	<1.79	<1.79	<1.79	<1.79	<1.80	70	293	880
1,1,1-Trichloroethane	µg/m ³	<0.67	<7	<0.66	<0.66	<0.66	<0.66	<7	<0.67	<0.67	<0.67	<0.67	<0.67	170,000	730,000	2,200,000
1,1,2-Trichloroethane	µg/m ³	<2.12	NA	<2.11	<2.11	<2.11	<2.11	NA	<2.12	<2.12	<2.12	<2.12	<2.13	60	257	770
Trichloroethene (TCE)	µg/m ³	<2.12	NA	<2.11	<2.11	<2.11	<2.11	NA	<2.12	<2.12	<2.12	157	<2.13	70	290	880
1,2,3-Trichloropropane	µg/m ³	<0.93	NA	<0.93	<0.93	<0.93	<0.93	NA	<0.93	<0.93	<0.93	<0.93	<0.94	10	43	129
1,1,2-Trichlorotrifluoroethane	µg/m ³	<0.79	NA	<0.78	<0.78	<0.78	<0.78	NA	<0.78	<0.79	<0.79	<0.79	<0.79	173,333	733,333	2,200,000
1,2,4-Trimethylbenzene	µg/m ³	<2.11	<1.5	<2.10	<2.10	<2.10	<2.10	<1.5	<2.10	<2.10	<2.11	<2.11	<2.11	2,100	8,800	26,000
1,3,5-Trimethylbenzene	µg/m ³	<2.11	<1.6	<2.10	<2.10	<2.10	<2.10	<1.7	<2.10	<2.10	<2.11	<2.11	<2.11	2,100	8,800	26,000
Vinyl Chloride	µg/m ³	<0.87	<34	<0.86	<0.86	<0.86	<0.86	<34	<0.86	<0.86	<0.86	<0.86	<0.87	56	930	2,800
Xylenes, total	µg/m ³	<3.98	<4.8	<3.96	<3.96	<3.96	<3.96	<4.8	<3.96	<3.98	<3.98	<3.98	<3.98	3,500	15,000	44,000

Notes:

1. Analytical units: µg/m³ = micrograms per cubic meter

2. Residential Vapor Risk Screening Level = Risk-based concentrations based on VALs for residential air which has been adjusted with an **Attenuation Factor of 0.03** for the shallow soil gas to indoor air pathway in a residential setting. VALs for residential indoor air based on WDNR publication RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for residential air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023] and residential air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNR publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

3. Small Commercial Vapor Risk Screening Level = Risk-based concentrations based on VALs for small commercial air which has been adjusted with an **Attenuation Factor of 0.03** for the shallow soil gas to indoor air pathway in a small commercial setting. VALs for small commercial indoor air based on WDNR publication PUB-RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for industrial air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023] and small commercial air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNR publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

4. Large Commercial / Industrial Vapor Risk Screening Level = Risk-based concentrations based on VALs for large commercial/industrial air which has been adjusted with an **Attenuation Factor of 0.01** for the shallow soil gas to indoor air pathway in a large commercial/industrial setting. VALs for large commercial / industrial indoor air based on WDNR publication PUB-RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for industrial air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2023] and large commercial / industrial air in August 2023 "Wisconsin Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels" publication RR-0136. VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNR publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

5. NA = not analyzed

6. Laboratory flags:

7. Exceedances: **BOLD** = concentration greater than residential Vapor Risk Screening Level
[] = concentration greater than small commercial Vapor Risk Screening Level
{ } = concentration greater than large commercial / industrial Vapor Risk Screening Level

Data entered / updated by: RJA Date: 12/13/2023
Data checked by: SRM Date: 12/13/2023

City of Kenosha

28TH AVE

26TH AVE

64TH ST

27TH AVE

27TH AVE

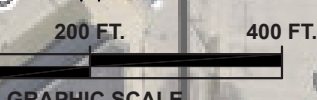
27TH AVE

FORMER WERNERS CLEANERS SITE

6501 28th Ave.

LEGEND	
	APPROXIMATE SITE BOUNDARY
	WATER
	SANITARY SEWER
	NATURAL GAS
	UNDERGROUND ELECTRIC
	OVERHEAD ELECTRIC
	COMMUNICATION
	STORM SEWER
	SOIL GAS SAMPLE LOCATION
	SANITARY SEWER GAS SAMPLE LOCATION

NOTE: AERIAL IMAGERY (2022) AND PARCEL BOUNDARY TAKEN FROM KENOSHA COUNTY INTERACTIVE MAPPING



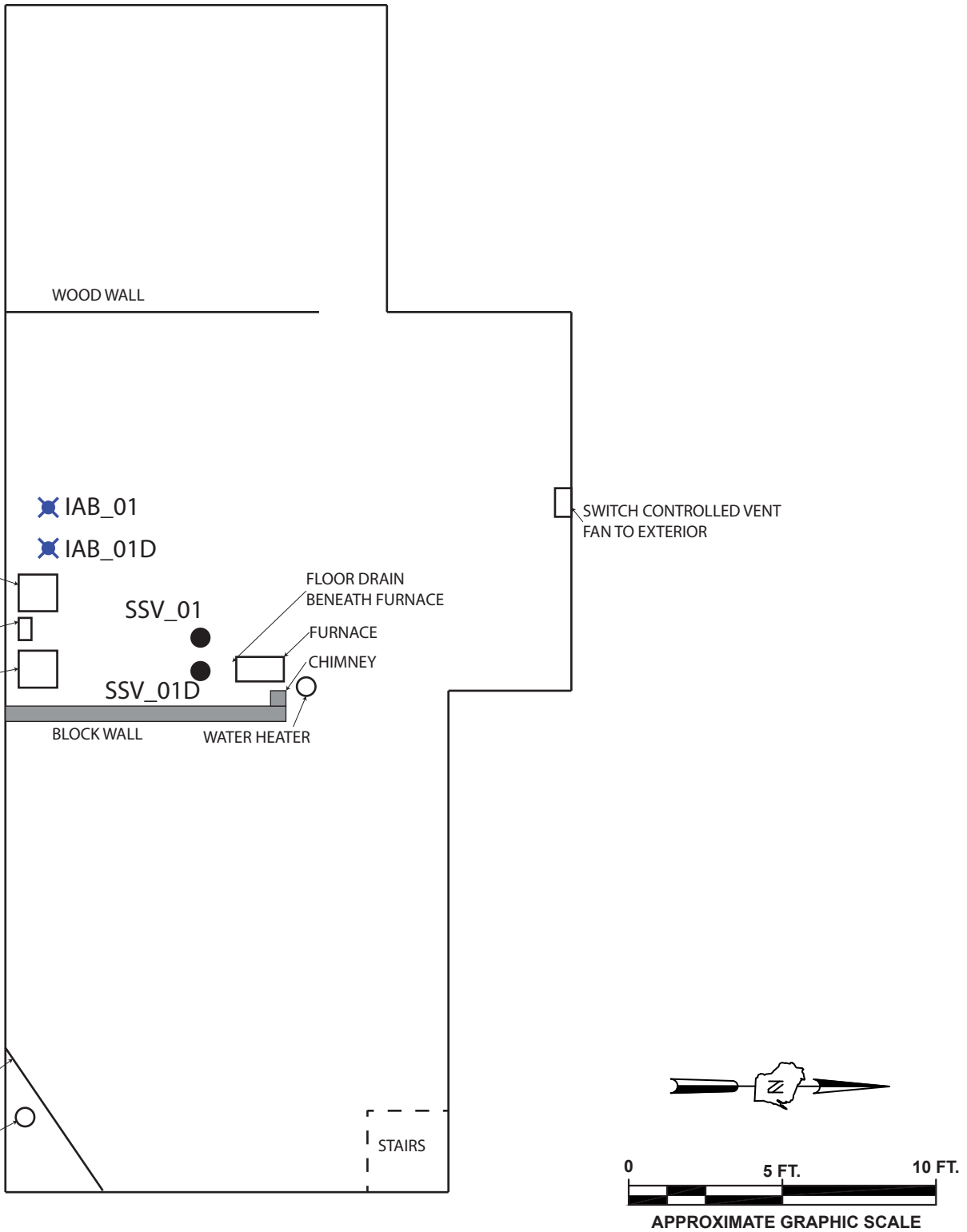
SAMPLE LOCATION MAP

WERNERS CLEANERS
6415 28TH AVENUE
KENOSHA, WISCONSIN

FIGURE

1

PROJECT: 21985 | DIRECTORY: CAD | FILENAME: 21985_Master_Map_vertical 11x17.ai | CREATED BY: CLE | DATE: 09/27/2023





Beacon Environmental

2203A Commerce Road, Suite 1

Forest Hill, MD 21050 USA

1.410.838.8780

CERTIFICATE OF ANALYSIS

Beacon Proposal No.: 230609R02

Laboratory Work Order: 0007322

Project Description:

Werners Cleaners

Kenosha, WI

Prepared for:

Steve Meer

The Sigma Group

1300 West Canal Street

Milwaukee, WI 53233

Ryan W. Schneider

Senior Project Manager

December 06, 2023

All data meet requirements as specified in the Beacon Environmental Quality Assurance Project Plan and the results relate only to the samples reported. The work performed was in accordance with ISO/IEC 17025:2017, except samples were analyzed within a 24-hour tune window. This report shall not be reproduced, except in full, without written approval of the laboratory. Release of the data contained in this data package has been authorized by the Laboratory Director or his signee, as verified by the following signatures:

Steven C. Thornley
Laboratory Director

Peter B. Kelly
Quality Manager

Table of Contents

Cover Page	1
Sample Summary	3
Case Narrative	4
Analytical Results	5
Summary of Compound Detections	6
Data Summary Table-Mass	8
Data Summary Table-Concentration	9
Detailed Analytical Results	10
- Mass	11
0007322-01 - 06A_SSV_01_20231120	12
- Concentration	13
0007322-01 - 06A_SSV_01_20231120	14
QC Summaries	15
Additional QC Information	20
Sample Result Calculations	21
Equation	21
MRL Calculation Table	22
Certifications	23
Notes and Definitions	24
Sample Management Records	25
Chain of Custody	26

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Sample Summary

Lab Sample ID	Client Sample ID	Received	Analysis	Matrix
0007322-01	06A_SSV_01_20231120	11/27/2023	EPA 8260C	Soil Gas
Sampler Type: Beacon Passive Sampler				

Project Completeness

Samples Received: 1
Samples Analyzed: 1

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Case Narrative

U.S. EPA Method 8260C

All samples were analyzed using thermal desorption-gas chromatography/mass spectrometry (TD-GC/MS) instrumentation following U.S. EPA Method 8260C, with laboratory results provided in nanograms (ng) and micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). Laboratory QA/QC procedures included internal standards, surrogates, and blanks based on EPA Method 8260C. Analyses and reporting were under BEACON's Quality Assurance Project Plan.

Passive Soil-Gas Survey Notes

If sample locations are covered with or near the edge of an impervious surface (*e.g.*, asphalt or concrete), the concentrations of compounds in soil gas are higher than if the surfacing was not present. Therefore, the sample location conditions should be considered when comparing results between locations.

Survey findings are exclusive to this project and when the spatial relationships are compared with results of other BEACON Surveys it is necessary to incorporate information from both investigations (*e.g.*, depth to sources, soil types, porosity, soil moisture, presence of impervious surfacing, sample collection times).

Reporting Limits

The RLs represent a baseline above which results meet laboratory-determined limits of precision and accuracy. All reported results are within the calibration range. The project method quantitation limit (MQL) is the limit of quantitation (LOQ) as noted in the data tables. Beacon determined uptake rates for a suite of compounds with the Beacon sampler for sampling in air. Beacon calculated the uptake rates for the remaining compounds using Graham's Law of Diffusion. The reported data includes LOQ limits.

Project Details

Samples were received in proper condition and laboratory control parameters were met unless otherwise noted below. The work performed was in accordance with ISO/IEC 17025:2017, except samples were analyzed within a 24-hour tune window.

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Analytical Results

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Summary of Compound Detections- Mass

Lab Sample ID: 0007322-01	06A_SSV_01_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Tetrachloroethene	127-18-4	12		5.921	10	C23112838.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Summary of Compound Detections- Concentration

Lab Sample ID: 0007322-01	06A_SSV_01_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Tetrachloroethene	127-18-4	1.88		5.921	1.55	C23112838.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Data Summary Table- Mass

Compound	Frequency	LOQ (ng)	Max Value (ng)
Tetrachloroethene	1	10	12

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Data Summary Table- Concentration

Compound	Frequency	LOQ (µg/m³)	Max Value (µg/m³)
Tetrachloroethene	1	1.55	1.88

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Detailed Analytical Results

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Detailed Analytical Results- Mass

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Lab Sample ID: 0007322-01

06A_SSV_01_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng) Q	LOQ (ng)	Analyzed	File ID	
Vinyl Chloride	75-01-4	<10	10	11/29/2023 04:05	C23112838.D	
trans-1,2-Dichloroethene	156-60-5	<10	10	11/29/2023 04:05	C23112838.D	
cis-1,2-Dichloroethene	156-59-2	<10	10	11/29/2023 04:05	C23112838.D	
Trichloroethene	79-01-6	<10	10	11/29/2023 04:05	C23112838.D	
Tetrachloroethene	127-18-4	12	10	11/29/2023 04:05	C23112838.D	
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	98.1%	70-130		11/29/2023 04:05	C23112838.D
Surrogate: Toluene-d8	2037-26-5	94.6%	70-130		11/29/2023 04:05	C23112838.D
Surrogate: Bromofluorobenzene	460-00-4	101%	70-130		11/29/2023 04:05	C23112838.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Detailed Analytical Results- Concentration

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Lab Sample ID: 0007322-01

06A_SSV_01_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m ³)	Q	LOQ (µg/m ³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.78		0.78	11/29/2023 04:05	C23112838.D
trans-1,2-Dichloroethene	156-60-5	<1.44		1.44	11/29/2023 04:05	C23112838.D
cis-1,2-Dichloroethene	156-59-2	<1.20		1.20	11/29/2023 04:05	C23112838.D
Trichloroethene	79-01-6	<1.92		1.92	11/29/2023 04:05	C23112838.D
Tetrachloroethene	127-18-4	1.88		1.55	11/29/2023 04:05	C23112838.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	98.1%	70-130		11/29/2023 04:05	C23112838.D
Surrogate: Toluene-d8	2037-26-5	94.6%	70-130		11/29/2023 04:05	C23112838.D
Surrogate: Bromofluorobenzene	460-00-4	101%	70-130		11/29/2023 04:05	C23112838.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

QC Information/Summary

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Soil-Gas Sample Analysis by EPA Method 8260C - Quality Control Summary
Sequence: B23K078 - Batch: 23K0064 - Instrument: C System - File ID: C23112802.D
23K0064-BS1 (LCS, Calibration Source Verification)

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	59.3	10	ng	50.0		119	80-120			
trans-1,2-Dichloroethene	50.2	10	ng	50.0		100	80-120			
cis-1,2-Dichloroethene	48.9	10	ng	50.0		97.7	80-120			
Trichloroethene	47.2	10	ng	50.0		94.3	80-120			
Tetrachloroethene	48.5	10	ng	50.0		97.0	80-120			
<i>Surrogate: 1,2-DCA-d4</i>	<i>49.8</i>		<i>ng</i>	<i>50.0</i>		<i>99.7</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.1</i>		<i>ng</i>	<i>50.0</i>		<i>100</i>	<i>70-130</i>			
<i>Surrogate: Bromofluorobenzene</i>	<i>48.1</i>		<i>ng</i>	<i>50.0</i>		<i>96.2</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Soil-Gas Analysis by EPA 8260 - Data in Concentration - Quality Control Summary
Sequence: B23K078 - Batch: 23K0064 - Instrument: C System - File ID: C23112803.D
23K0064-BLK1 (Lab Blank)

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	<0.783	0.783	µg/m ³							U
trans-1,2-Dichloroethene	<1.44	1.44	µg/m ³							U
cis-1,2-Dichloroethene	<1.20	1.20	µg/m ³							U
Trichloroethene	<1.92	1.92	µg/m ³							U
Tetrachloroethene	<1.55	1.55	µg/m ³							U
<i>Surrogate: 1,2-DCA-d4</i>	<i>99.9</i>		<i>ng</i>	<i>100</i>		<i>99.9</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>100</i>		<i>ng</i>	<i>100</i>		<i>100</i>	<i>70-130</i>			
<i>Surrogate: Bromofluorobenzene</i>	<i>93.9</i>		<i>ng</i>	<i>100</i>		<i>93.9</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Soil-Gas Sample Analysis by EPA Method 8260C - Quality Control Summary
Sequence: B23K078 - Batch: 23K0064 - Instrument: C System - File ID: C23112803.D
23K0064-BLK1 (Lab Blank)

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	<5	10	ng							U
trans-1,2-Dichloroethene	<5	10	ng							U
cis-1,2-Dichloroethene	<5	10	ng							U
Trichloroethene	<5	10	ng							U
Tetrachloroethene	<5	10	ng							U
<i>Surrogate: 1,2-DCA-d4</i>	<i>99.9</i>		<i>ng</i>	<i>100</i>		<i>99.9</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>100</i>		<i>ng</i>	<i>100</i>		<i>100</i>	<i>70-130</i>			
<i>Surrogate: Bromofluorobenzene</i>	<i>93.9</i>		<i>ng</i>	<i>100</i>		<i>93.9</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Soil-Gas Sample Analysis by EPA Method 8260C - Quality Control Summary
Sequence: B23K078 - Instrument: C System - File ID: C23112804.D
B23K078-ICV1 (LCSD/Second Source Verification/CALV)

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	63.4	10	ng	50.0		127	70-130			
trans-1,2-Dichloroethene	49.3	10	ng	50.0		98.5	70-130			
cis-1,2-Dichloroethene	50.7	10	ng	50.0		101	70-130			
Trichloroethene	51.1	10	ng	50.0		102	70-130			
Tetrachloroethene	47.8	10	ng	50.0		95.6	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>49.6</i>		<i>ng</i>	<i>50.0</i>		<i>99.1</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.9</i>		<i>ng</i>	<i>50.0</i>		<i>99.9</i>	<i>70-130</i>			
<i>Surrogate: Bromofluorobenzene</i>	<i>45.7</i>		<i>ng</i>	<i>50.0</i>		<i>91.4</i>	<i>70-130</i>			

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Additional QC Information

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007322-01

Sample Name: 06A_SSV_01_20231120

Vinyl Chloride	15,770	1.00	0.810	U	U	C23112838.D
trans-1,2-Dichloroethene	15,770	1.00	0.440	U	U	C23112838.D
cis-1,2-Dichloroethene	15,770	1.00	0.530	U	U	C23112838.D
Trichloroethene	15,770	1.00	0.330	U	U	C23112838.D
Tetrachloroethene	15,770	1.00	0.410	12.18	1.88	C23112838.D

Calculations:

$$C = \frac{1000 \times M \times DF}{U \times t}$$

where: C = concentration (µg/m³)
 M = mass (ng)
 DF = dilution factor
 t = sampling time (minutes)
 U = compound specific uptake rate

Reference: Federal Register/Vol. 79, No. 125/June 30, 2014

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R02 Lab Work Order: 0007322 Reported: 12/06/2023
---	---	--

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007322-01 **Sample Name:** 06A_SSV_01_20231120

Vinyl Chloride	15,770	1.00	0.810	10.0	0.78
trans-1,2-Dichloroethene	15,770	1.00	0.440	10.0	1.44
cis-1,2-Dichloroethene	15,770	1.00	0.530	10.0	1.20
Trichloroethene	15,770	1.00	0.330	10.0	1.92
Tetrachloroethene	15,770	1.00	0.410	10.0	1.55

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Laboratory Certification List

Certification ID	Certification No.	Description	Expires	Project Required
Alaska CS-LAP	19-002	Alaska Department of Environmental Conservation	12/30/2024	
DoD-ELAP	72690/L22-563	United States Department of Defense Environmental Laboratory Accreditation	11/30/2024	
ISO/IEC 17025:2017	72690/L22-563	General Requirements for the Competence of Testing and Calibration Laboratories	11/30/2024	
NEFAP	72690/L22-564	TNI National Environmental Field Activities Program (NEFAP)	11/30/2024	
NY-NELAC	12097	New York Department of Health	04/01/2024	
Utah-NELAC	MD010912022-12	Utah Department of Health	12/31/2023	

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Qualifiers/Notes and Definitions

General Definitions:

DF	Dilution Factor
DL	Detection Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
NA	Not Applicable
Q	Qualifier
RPD	Relative Percent Difference
RT	Retention Times in Minutes
RRT	Evaluation of Relative Retention Times in RRT Units (qualified if outside ± 0.06 control limits)
3σ	Uncertainty
∉	Compound not on scope of accreditation
+	values are outside method/contract required QC limits
∅	Compound not on scope of accreditation and analyzed with a one-point calibration

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R02
Lab Work Order: 0007322
Reported: 12/06/2023

Sample Management Records



2203A Commerce Rd, Suite 1
 Forest Hill, MD 21050, USA
 Need help? Call 1-410-838-8780
 or email help@beacon-usa.com

PASSIVE SOIL GAS SAMPLES

CHAIN-OF-CUSTODY

Project Information			Client Information				
Site Name: <i>Nemmers Cleaners</i>			Company Name: <i>The Sigma Group Inc</i>		Project Manager: <i>Stephen Heer</i>		
Site Location: <i>Kenosha WI</i>			Office Location: <i>Milwaukee WI</i>		Client PO: <i>21985</i>		
			Submitted by: <i>Chelsea Egnath</i>		Turn around time (check one):		
			Email: <i>smeere@thesigmagroup.com</i>		<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush (specify) _____ days		
Field Sample ID	Start Date	Start Time	Stop Date	Stop Time	Sampling Hole Depth <input type="checkbox"/> cm <input checked="" type="checkbox"/> inches	Surface Type (Soil, Asphalt, Concrete, Gravel)	Optional Information (Location Description, Sample Condition, PID / FID Readings, etc)
<i>QA-SSV-01-2023</i>	<i>11/19</i>	<i>11:20</i>	<i>11/20</i>	<i>10:10</i>	<i>4</i>	<i>Concrete</i>	
Special Instructions: <i>PCE, TCE, CIS/DCE, trans/DCE, VC</i>							
For Lab Use Only		Beacon Job No: <i>7322</i>		Beacon Proposal: <i>230609R012</i>		Analytical Method: <i>max 11/21/23</i>	

FedEx Condition: Good custody seal: intact 5722443 *Nicole Reif* 11/27/23 13:08



Beacon Environmental

2203A Commerce Road, Suite 1

Forest Hill, MD 21050 USA

1.410.838.8780

CERTIFICATE OF ANALYSIS

Beacon Proposal No.: 230609R04

Laboratory Work Order: 0007324

Project Description:

Werners Cleaners

Kenosha, WI

Client PO No.: 21985

Prepared for:

Steve Meer

The Sigma Group

1300 West Canal Street

Milwaukee, WI 53233

Ryan W. Schneider
Senior Project Manager

December 06, 2023

All data meet requirements as specified in the Beacon Environmental Quality Assurance Project Plan and the results relate only to the samples reported. The work performed was in accordance with ISO/IEC 17025:2017. This report shall not be reproduced, except in full, without written approval of the laboratory. Release of the data contained in this data package has been authorized by the Laboratory Director or his signee, as verified by the following signatures:

Steven C. Thornley
Laboratory Director

Peter B. Kelly
Quality Manager

Table of Contents

Cover Page	1
Sample Summary	3
Case Narrative	4
Analytical Results	5
Summary of Compound Detections	6
Data Summary Table	11
Detailed Analytical Results	12
0007324-01 - 06R_SSG_01_20231120	13
0007324-02 - 06R_SSG_02_20231120	14
0007324-03 - 06R_SSG_03_20231120	15
0007324-04 - 06R_SSG_04_20231120	16
0007324-05 - 06R_SSG_05_20231120	17
0007324-06 - 06R_SSG_06_20231120	18
0007324-07 - 06R_SSG_07_20231120	19
QC Summaries	20
Additional QC Information	33
Sample Result Calculations	34
Equation	41
LOD/MRL Calculation Table	42
Certifications	49
Notes and Definitions	50
Sample Management Records	51
Chain of Custody	52

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Sample Summary

Lab Sample ID	Client Sample ID	Received	Analysis	Matrix
0007324-01 Sampler Type:	06R_SSG_01_20231120 Beacon Passive Sampler	11/27/2023	TO-17 (Passive)	Sewer Gas
0007324-02 Sampler Type:	06R_SSG_02_20231120 Beacon Passive Sampler	11/27/2023	TO-17 (Passive)	Sewer Gas
0007324-03 Sampler Type:	06R_SSG_03_20231120 Beacon Passive Sampler	11/27/2023	TO-17 (Passive)	Sewer Gas
0007324-04 Sampler Type:	06R_SSG_04_20231120 Beacon Passive Sampler	11/27/2023	TO-17 (Passive)	Sewer Gas
0007324-05 Sampler Type:	06R_SSG_05_20231120 Beacon Passive Sampler	11/27/2023	TO-17 (Passive)	Sewer Gas
0007324-06 Sampler Type:	06R_SSG_06_20231120 Beacon Passive Sampler	11/27/2023	TO-17 (Passive)	Sewer Gas
0007324-07 Sampler Type:	06R_SSG_07_20231120 Beacon Passive Sampler	11/27/2023	TO-17 (Passive)	Sewer Gas

Project Completeness

Samples Received: 7
Samples Analyzed: 7

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Case Narrative

Beacon Environmental provided thermally conditioned Beacon Samplers for sampling, with analyses following U.S. EPA Method TO-17, with analytical results reported in $\mu\text{g}/\text{m}^3$. Beacon calculated concentration results using the exposure period, target analyte mass, and the following procedures detailed in ISO 16017-2, *Indoor, ambient and workplace air-Sampling and analysis of volatile organic compounds by sorbent tube/thermal desorption/capillary gas chromatography-Part 2: Diffusive sampling*.

Beacon reports results and reporting limits to three significant digits.

Reporting Limits (RLs) for EPA Method TO-17

The RLs represent a baseline above which results meet laboratory-determined limits of precision and accuracy. Beacon performed dilution analysis when results exceeded the upper calibration limit, bringing all reported results within the calibration range. The project method quantitation limit (MQL) is the limit of detection (LOD) as noted in the data tables.

Calibration Verification

All continuing calibration verification (CCV) values are within $\pm 30\%$ of the true values as defined by the initial calibration and met the requirements specified in BEACON's Quality Manual.

Internal Standards and Surrogates

Internal standards and surrogates are spiked on all blanks (ICB, BLK), field samples and laboratory control samples (ICV/CALV, BS, ICV and CCV). Acceptance criteria for internal standards are 60 to 140 percent and surrogate recoveries are 70 to 130 percent; all internal standards and surrogates are within the acceptance criteria unless noted in the **Case Narrative**.

Blank Contamination

No targeted compounds above the limit of detection (LOD) for each compound were observed in the Laboratory Method Blanks unless noted in the **Case Narrative**.

Laboratory Control Samples

Acceptance criteria for surrogate and analytes recoveries are 70 to 130 percent; all recoveries are within the acceptance criteria unless noted in the **Case Narrative**.

Discussion

Samples were received in proper condition and laboratory control parameters were met unless otherwise noted below. The work performed was in accordance with ISO/IEC 17025:2017.

End of Case Narrative

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Analytical Results

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Summary of Compound Detections- Concentration

Analyte	CAS#	Result (µg/m ³)	Q	RT	LOQ (µg/m ³)	LOD (µg/m ³)	File ID
Lab Sample ID: 0007324-01 06R_SSG_01_20231120 Method: TO-17 (Passive) Sewer Gas							
Vinyl Chloride	75-01-4	12.2		1.447	0.789	0.394	C23113006.D
1,1-Dichloroethene	75-35-4	1.76	J	2.032	1.94	0.968	C23113006.D
Methylene Chloride	75-09-2	9.43		2.303	1.82	0.912	C23113006.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	0.421	J	2.023	0.718	0.359	C23113006.D
trans-1,2-Dichloroethene	156-60-5	109		2.465	1.45	0.726	C23113006.D
cis-1,2-Dichloroethene	156-59-2	402		3.122	1.21	0.603	C23113006.D
Chloroform	67-66-3	44.2		3.368	1.82	0.912	C23113006.D
Benzene	71-43-2	1.48	J	3.748	3.01	1.21	C23113006.D
Trichloroethene	79-01-6	324		4.280	1.94	0.968	C23113006.D
Toluene	108-88-3	17.1		5.432	3.99	1.60	C23113006.D
Tetrachloroethene	127-18-4	4,620	D	5.921	36.2	18.1	C23120105.D
1,1,1,2-Tetrachloroethane	630-20-6	0.986	J	6.952	1.56	0.779	C23113006.D
Ethylbenzene	100-41-4	1.01	J	6.952	1.88	0.751	C23113006.D
p & m-Xylene	179601-23-1	3.07		7.080	1.81	0.726	C23113006.D
o-Xylene	95-47-6	1.28	J	7.435	1.81	0.726	C23113006.D
1,3,5-Trimethylbenzene	108-67-8	1.98		8.272	1.92	0.770	C23113006.D
1,2,4-Trimethylbenzene	95-63-6	7.53		8.562	1.92	0.770	C23113006.D
1,4-Dichlorobenzene	106-46-7	27.3		8.836	0.852	0.426	C23113006.D
Naphthalene	91-20-3	1.30	J	10.365	2.00	0.399	C23113006.D
2-Methylnaphthalene	91-57-6	1.55	J	11.022	2.10	0.420	C23113006.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Summary of Compound Detections- Concentration

Lab Sample ID: 0007324-02	06R_SSG_02_20231120	Method: TO-17 (Passive)
Sewer Gas		

Analyte	CAS#	Result (µg/m ³)	Q	RT	LOQ (µg/m ³)	LOD (µg/m ³)	File ID
Vinyl Chloride	75-01-4	5.78		1.447	0.790	0.395	C23113007.D
Methylene Chloride	75-09-2	3.83		2.300	1.83	0.914	C23113007.D
trans-1,2-Dichloroethene	156-60-5	19.5		2.468	1.45	0.727	C23113007.D
cis-1,2-Dichloroethene	156-59-2	107		3.125	1.21	0.604	C23113007.D
Chloroform	67-66-3	8.26		3.365	1.83	0.914	C23113007.D
Trichloroethene	79-01-6	155		4.281	1.94	0.970	C23113007.D
Toluene	108-88-3	3.88	J	5.433	4.00	1.60	C23113007.D
Tetrachloroethene	127-18-4	765		5.928	1.56	0.780	C23113007.D
1,2,4-Trimethylbenzene	95-63-6	0.819	J	8.562	1.93	0.771	C23113007.D
1,4-Dichlorobenzene	106-46-7	5.73		8.836	0.853	0.427	C23113007.D
2-Methylnaphthalene	91-57-6	0.536	J	11.022	2.10	0.421	C23113007.D

Lab Sample ID: 0007324-03	06R_SSG_03_20231120	Method: TO-17 (Passive)
Sewer Gas		

Analyte	CAS#	Result (µg/m ³)	Q	RT	LOQ (µg/m ³)	LOD (µg/m ³)	File ID
Vinyl Chloride	75-01-4	5.26		1.447	0.791	0.395	C23113008.D
Methylene Chloride	75-09-2	5.08		2.300	1.83	0.915	C23113008.D
trans-1,2-Dichloroethene	156-60-5	18.2		2.465	1.46	0.728	C23113008.D
cis-1,2-Dichloroethene	156-59-2	102		3.125	1.21	0.604	C23113008.D
Chloroform	67-66-3	50.6		3.371	1.83	0.915	C23113008.D
Benzene	71-43-2	1.21	J	3.748	3.02	1.21	C23113008.D
Trichloroethene	79-01-6	52.8		4.284	1.94	0.970	C23113008.D
1,4-Dioxane	123-91-1	4.88		4.567	1.56	0.781	C23113008.D
Toluene	108-88-3	4.90		5.433	4.00	1.60	C23113008.D
Tetrachloroethene	127-18-4	545		5.925	1.56	0.781	C23113008.D
1,4-Dichlorobenzene	106-46-7	5.20		8.836	0.854	0.427	C23113008.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Summary of Compound Detections- Concentration

Lab Sample ID: 0007324-04	06R_SSG_04_20231120	Method: TO-17 (Passive)
Sewer Gas		

Analyte	CAS#	Result (µg/m ³)	Q	RT	LOQ (µg/m ³)	LOD (µg/m ³)	File ID
Vinyl Chloride	75-01-4	7.80		1.450	0.792	0.396	C23113009.D
Methylene Chloride	75-09-2	12.3		2.303	1.83	0.916	C23113009.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	0.362	J	2.026	0.720	0.360	C23113009.D
trans-1,2-Dichloroethene	156-60-5	34.5		2.465	1.46	0.729	C23113009.D
cis-1,2-Dichloroethene	156-59-2	179		3.125	1.21	0.605	C23113009.D
Chloroform	67-66-3	92.7		3.368	1.83	0.916	C23113009.D
Benzene	71-43-2	1.43	J	3.748	3.02	1.21	C23113009.D
Trichloroethene	79-01-6	83.3		4.280	1.94	0.972	C23113009.D
Toluene	108-88-3	12.0		5.429	4.01	1.60	C23113009.D
Tetrachloroethene	127-18-4	714		5.928	1.56	0.782	C23113009.D
p & m-Xylene	179601-23-1	0.931	J	7.080	1.82	0.729	C23113009.D
1,2,4-Trimethylbenzene	95-63-6	1.32	J	8.562	1.93	0.773	C23113009.D
1,4-Dichlorobenzene	106-46-7	17.6		8.836	0.855	0.427	C23113009.D
Naphthalene	91-20-3	0.640	J	10.365	2.00	0.401	C23113009.D
2-Methylnaphthalene	91-57-6	0.929	J	11.022	2.11	0.422	C23113009.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Summary of Compound Detections- Concentration

Lab Sample ID: 0007324-05	06R_SSG_05_20231120	Method: TO-17 (Passive)
Sewer Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	LOD (µg/m³)	File ID
Vinyl Chloride	75-01-4	1.41		1.444	0.799	0.399	C23113010.D
1,1-Dichloroethene	75-35-4	14.6		1.967	1.96	0.980	C23113010.D
Methylene Chloride	75-09-2	3.69		2.297	1.85	0.924	C23113010.D
trans-1,2-Dichloroethene	156-60-5	22.6		2.465	1.47	0.735	C23113010.D
cis-1,2-Dichloroethene	156-59-2	60.0		3.122	1.22	0.610	C23113010.D
Chloroform	67-66-3	13.0		3.368	1.85	0.924	C23113010.D
1,1,1-Trichloroethane	71-55-6	0.635		3.483	0.616	0.308	C23113010.D
Benzene	71-43-2	1.65	J	3.748	3.05	1.22	C23113010.D
Trichloroethene	79-01-6	1,240		4.284	1.96	0.980	C23113010.D
Toluene	108-88-3	5.30		5.430	4.04	1.62	C23113010.D
Tetrachloroethene	127-18-4	22,600	D	5.924	36.7	18.3	C23113028.D
Ethylbenzene	100-41-4	1.41	J	6.952	1.90	0.761	C23113010.D
p & m-Xylene	179601-23-1	5.13		7.080	1.84	0.735	C23113010.D
o-Xylene	95-47-6	2.49		7.432	1.84	0.735	C23113010.D
1,3,5-Trimethylbenzene	108-67-8	3.34		8.272	1.95	0.780	C23113010.D
1,2,4-Trimethylbenzene	95-63-6	10.2		8.562	1.95	0.780	C23113010.D
1,4-Dichlorobenzene	106-46-7	1.97		8.836	0.863	0.431	C23113010.D
Naphthalene	91-20-3	0.481	J	10.365	2.02	0.404	C23113010.D

Lab Sample ID: 0007324-06	06R_SSG_06_20231120	Method: TO-17 (Passive)
Sewer Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	LOD (µg/m³)	File ID
trans-1,2-Dichloroethene	156-60-5	1.33	J	2.465	1.47	0.736	C23113011.D
cis-1,2-Dichloroethene	156-59-2	5.32		3.125	1.22	0.611	C23113011.D
Chloroform	67-66-3	1.99		3.365	1.85	0.925	C23113011.D
Benzene	71-43-2	17.3		3.748	3.05	1.22	C23113011.D
Trichloroethene	79-01-6	5.79		4.284	1.96	0.981	C23113011.D
1,4-Dioxane	123-91-1	201	D	4.561	36.7	18.4	C23120106.D
Tetrachloroethene	127-18-4	41.5		5.925	1.58	0.790	C23113011.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Summary of Compound Detections- Concentration

Lab Sample ID: 0007324-07	06R_SSG_07_20231120	Method: TO-17 (Passive)
Sewer Gas		

Analyte	CAS#	Result (µg/m ³)	Q	RT	LOQ (µg/m ³)	LOD (µg/m ³)	File ID
Methylene Chloride	75-09-2	10.0		2.303	1.85	0.927	C23113012.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	0.402	J	2.023	0.729	0.365	C23113012.D
Chloroform	67-66-3	4.56		3.362	1.85	0.927	C23113012.D
1,1,1-Trichloroethane	71-55-6	0.465	J	3.483	0.618	0.309	C23113012.D
Benzene	71-43-2	1.77	J	3.745	3.06	1.22	C23113012.D
Trichloroethene	79-01-6	1.25	J	4.277	1.97	0.983	C23113012.D
Toluene	108-88-3	3.18	J	5.426	4.06	1.62	C23113012.D
Tetrachloroethene	127-18-4	11.5		5.924	1.58	0.792	C23113012.D
p & m-Xylene	179601-23-1	0.992	J	7.086	1.84	0.738	C23113012.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Data Summary Table- Concentration

Compound	Frequency	LOD ($\mu\text{g}/\text{m}^3$)	Max Value ($\mu\text{g}/\text{m}^3$)
Vinyl Chloride	5	0.394	12.2
1,1-Dichloroethene	2	0.968	14.6
Methylene Chloride	6	0.912	12.3
1,1,2-Trichlorotrifluoroethane (Fr.113)	3	0.359	0.421
trans-1,2-Dichloroethene	6	0.726	109
cis-1,2-Dichloroethene	6	0.603	402
Chloroform	7	0.912	92.7
1,1,1-Trichloroethane	2	0.308	0.635
Benzene	6	1.21	17.3
Trichloroethene	7	0.968	1,240
1,4-Dioxane	2	0.781	201
Toluene	6	1.60	17.1
Tetrachloroethene	7	0.779	22,600
1,1,1,2-Tetrachloroethane	1	0.779	0.986
Ethylbenzene	2	0.751	1.41
p & m-Xylene	4	0.726	5.13
o-Xylene	2	0.726	2.49
1,3,5-Trimethylbenzene	2	0.770	3.34
1,2,4-Trimethylbenzene	4	0.770	10.2
1,4-Dichlorobenzene	5	0.426	27.3
Naphthalene	3	0.399	1.30
2-Methylnaphthalene	3	0.420	1.55

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Detailed Analytical Results

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Lab Sample ID: 0007324-01

06R_SSG_01_20231120

Method: TO-17 (Passive)

Sewer Gas

Analyte	CAS#	Result (µg/m ³)	Q	LOD (µg/m ³)	LOQ (µg/m ³)	Analyzed	File ID
Vinyl Chloride	75-01-4	12.2		0.394	0.789	11/30/2023 14:45	C23113006.D
1,1-Dichloroethene	75-35-4	1.76	J	0.968	1.94	11/30/2023 14:45	C23113006.D
Methylene Chloride	75-09-2	9.43		0.912	1.82	11/30/2023 14:45	C23113006.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	0.421	J	0.359	0.718	11/30/2023 14:45	C23113006.D
trans-1,2-Dichloroethene	156-60-5	109		0.726	1.45	11/30/2023 14:45	C23113006.D
Methyl-t-butyl ether	1634-04-4	<1.28	U	1.28	3.19	11/30/2023 14:45	C23113006.D
1,1-Dichloroethane	75-34-3	<0.376	U	0.376	0.751	11/30/2023 14:45	C23113006.D
cis-1,2-Dichloroethene	156-59-2	402		0.603	1.21	11/30/2023 14:45	C23113006.D
Chloroform	67-66-3	44.2		0.912	1.82	11/30/2023 14:45	C23113006.D
1,2-Dichloroethane	107-06-2	<0.570	U	0.570	1.14	11/30/2023 14:45	C23113006.D
1,1,1-Trichloroethane	71-55-6	<0.304	U	0.304	0.608	11/30/2023 14:45	C23113006.D
Carbon Tetrachloride	56-23-5	<0.743	U	0.743	1.49	11/30/2023 14:45	C23113006.D
Benzene	71-43-2	1.48	J	1.21	3.01	11/30/2023 14:45	C23113006.D
Trichloroethene	79-01-6	324		0.968	1.94	11/30/2023 14:45	C23113006.D
1,4-Dioxane	123-91-1	<0.779	U	0.779	1.56	11/30/2023 14:45	C23113006.D
1,1,2-Trichloroethane	79-00-5	<0.968	U	0.968	1.94	11/30/2023 14:45	C23113006.D
Toluene	108-88-3	17.1		1.60	3.99	11/30/2023 14:45	C23113006.D
1,2-Dibromoethane (EDB)	106-93-4	<0.819	U	0.819	1.64	11/30/2023 14:45	C23113006.D
Tetrachloroethene	127-18-4	4.620	D	18.1	36.2	12/01/2023 14:19	C23120105.D
1,1,1,2-Tetrachloroethane	630-20-6	0.986	J	0.779	1.56	11/30/2023 14:45	C23113006.D
Chlorobenzene	108-90-7	<0.376	U	0.376	0.751	11/30/2023 14:45	C23113006.D
Ethylbenzene	100-41-4	1.01	J	0.751	1.88	11/30/2023 14:45	C23113006.D
p & m-Xylene	179601-23-1	3.07		0.726	1.81	11/30/2023 14:45	C23113006.D
o-Xylene	95-47-6	1.28	J	0.726	1.81	11/30/2023 14:45	C23113006.D
1,2,3-Trichloropropane	96-18-4	<0.426	U	0.426	0.852	11/30/2023 14:45	C23113006.D
Isopropylbenzene	98-82-8	<0.770	U	0.770	1.92	11/30/2023 14:45	C23113006.D
1,3,5-Trimethylbenzene	108-67-8	1.98		0.770	1.92	11/30/2023 14:45	C23113006.D
1,2,4-Trimethylbenzene	95-63-6	7.53		0.770	1.92	11/30/2023 14:45	C23113006.D
1,3-Dichlorobenzene	541-73-1	<0.426	U	0.426	0.852	11/30/2023 14:45	C23113006.D
1,4-Dichlorobenzene	106-46-7	27.3		0.426	0.852	11/30/2023 14:45	C23113006.D
1,2-Dichlorobenzene	95-50-1	<0.426	U	0.426	0.852	11/30/2023 14:45	C23113006.D
1,2,4-Trichlorobenzene	120-82-1	<0.819	U	0.819	1.64	11/30/2023 14:45	C23113006.D
Naphthalene	91-20-3	1.30	J	0.399	2.00	11/30/2023 14:45	C23113006.D
1,2,3-Trichlorobenzene	87-61-6	<0.819	U	0.819	1.64	11/30/2023 14:45	C23113006.D
2-Methylnaphthalene	91-57-6	1.55	J	0.420	2.10	11/30/2023 14:45	C23113006.D

Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	101%	70-130		11/30/2023 14:45	C23113006.D
Surrogate: 1,2-DCA-d4	17060-07-0	100%	70-130		12/01/2023 14:19	C23120105.D
Surrogate: Toluene-d8	2037-26-5	93.1%	70-130		11/30/2023 14:45	C23113006.D
Surrogate: Toluene-d8	2037-26-5	93.9%	70-130		12/01/2023 14:19	C23120105.D
Surrogate: Bromofluorobenzene	460-00-4	99.3%	70-130		11/30/2023 14:45	C23113006.D
Surrogate: Bromofluorobenzene	460-00-4	95.6%	70-130		12/01/2023 14:19	C23120105.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R04 Lab Work Order: 0007324 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007324-02	06R_SSG_02_20231120	Method: TO-17 (Passive)
Sewer Gas		

Analyte	CAS#	Result (µg/m³)	Q	LOD (µg/m³)	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	5.78		0.395	0.790	11/30/2023 15:13	C23113007.D
1,1-Dichloroethene	75-35-4	<0.970	U	0.970	1.94	11/30/2023 15:13	C23113007.D
Methylene Chloride	75-09-2	3.83		0.914	1.83	11/30/2023 15:13	C23113007.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.359	U	0.359	0.719	11/30/2023 15:13	C23113007.D
trans-1,2-Dichloroethene	156-60-5	19.5		0.727	1.45	11/30/2023 15:13	C23113007.D
Methyl-t-butyl ether	1634-04-4	<1.28	U	1.28	3.20	11/30/2023 15:13	C23113007.D
1,1-Dichloroethane	75-34-3	<0.376	U	0.376	0.753	11/30/2023 15:13	C23113007.D
cis-1,2-Dichloroethene	156-59-2	107		0.604	1.21	11/30/2023 15:13	C23113007.D
Chloroform	67-66-3	8.26		0.914	1.83	11/30/2023 15:13	C23113007.D
1,2-Dichloroethane	107-06-2	<0.571	U	0.571	1.14	11/30/2023 15:13	C23113007.D
1,1,1-Trichloroethane	71-55-6	<0.305	U	0.305	0.609	11/30/2023 15:13	C23113007.D
Carbon Tetrachloride	56-23-5	<0.744	U	0.744	1.49	11/30/2023 15:13	C23113007.D
Benzene	71-43-2	<1.21	U	1.21	3.02	11/30/2023 15:13	C23113007.D
Trichloroethene	79-01-6	155		0.970	1.94	11/30/2023 15:13	C23113007.D
1,4-Dioxane	123-91-1	<0.780	U	0.780	1.56	11/30/2023 15:13	C23113007.D
1,1,2-Trichloroethane	79-00-5	<0.970	U	0.970	1.94	11/30/2023 15:13	C23113007.D
Toluene	108-88-3	3.88	J	1.60	4.00	11/30/2023 15:13	C23113007.D
1,2-Dibromoethane (EDB)	106-93-4	<0.820	U	0.820	1.64	11/30/2023 15:13	C23113007.D
Tetrachloroethene	127-18-4	765		0.780	1.56	11/30/2023 15:13	C23113007.D
1,1,1,2-Tetrachloroethane	630-20-6	<0.780	U	0.780	1.56	11/30/2023 15:13	C23113007.D
Chlorobenzene	108-90-7	<0.376	U	0.376	0.753	11/30/2023 15:13	C23113007.D
Ethylbenzene	100-41-4	<0.753	U	0.753	1.88	11/30/2023 15:13	C23113007.D
p & m-Xylene	179601-23-1	<0.727	U	0.727	1.82	11/30/2023 15:13	C23113007.D
o-Xylene	95-47-6	<0.727	U	0.727	1.82	11/30/2023 15:13	C23113007.D
1,2,3-Trichloropropane	96-18-4	<0.427	U	0.427	0.853	11/30/2023 15:13	C23113007.D
Isopropylbenzene	98-82-8	<0.771	U	0.771	1.93	11/30/2023 15:13	C23113007.D
1,3,5-Trimethylbenzene	108-67-8	<0.771	U	0.771	1.93	11/30/2023 15:13	C23113007.D
1,2,4-Trimethylbenzene	95-63-6	0.819	J	0.771	1.93	11/30/2023 15:13	C23113007.D
1,3-Dichlorobenzene	541-73-1	<0.427	U	0.427	0.853	11/30/2023 15:13	C23113007.D
1,4-Dichlorobenzene	106-46-7	5.73		0.427	0.853	11/30/2023 15:13	C23113007.D
1,2-Dichlorobenzene	95-50-1	<0.427	U	0.427	0.853	11/30/2023 15:13	C23113007.D
1,2,4-Trichlorobenzene	120-82-1	<0.820	U	0.820	1.64	11/30/2023 15:13	C23113007.D
Naphthalene	91-20-3	<0.400	U	0.400	2.00	11/30/2023 15:13	C23113007.D
1,2,3-Trichlorobenzene	87-61-6	<0.820	U	0.820	1.64	11/30/2023 15:13	C23113007.D
2-Methylnaphthalene	91-57-6	0.536	J	0.421	2.10	11/30/2023 15:13	C23113007.D
<i>Analyte</i>	<i>CAS#</i>	<i>% Recovery</i>	<i>Recovery Limits</i>	<i>Q</i>		<i>Analyzed</i>	<i>File ID</i>
<i>Surrogate: 1,2-DCA-d4</i>	17060-07-0	101%	70-130			11/30/2023 15:13	C23113007.D
<i>Surrogate: Toluene-d8</i>	2037-26-5	93.7%	70-130			11/30/2023 15:13	C23113007.D
<i>Surrogate: Bromofluorobenzene</i>	460-00-4	97.8%	70-130			11/30/2023 15:13	C23113007.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Lab Sample ID: 0007324-03

06R_SSG_03_20231120

Method: TO-17 (Passive)

Sewer Gas

Analyte	CAS#	Result (µg/m³)	Q	LOD (µg/m³)	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	5.26		0.395	0.791	11/30/2023 15:43	C23113008.D
1,1-Dichloroethene	75-35-4	<0.970	U	0.970	1.94	11/30/2023 15:43	C23113008.D
Methylene Chloride	75-09-2	5.08		0.915	1.83	11/30/2023 15:43	C23113008.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.360	U	0.360	0.720	11/30/2023 15:43	C23113008.D
trans-1,2-Dichloroethene	156-60-5	18.2		0.728	1.46	11/30/2023 15:43	C23113008.D
Methyl-t-butyl ether	1634-04-4	<1.28	U	1.28	3.20	11/30/2023 15:43	C23113008.D
1,1-Dichloroethane	75-34-3	<0.377	U	0.377	0.753	11/30/2023 15:43	C23113008.D
cis-1,2-Dichloroethene	156-59-2	102		0.604	1.21	11/30/2023 15:43	C23113008.D
Chloroform	67-66-3	50.6		0.915	1.83	11/30/2023 15:43	C23113008.D
1,2-Dichloroethane	107-06-2	<0.572	U	0.572	1.14	11/30/2023 15:43	C23113008.D
1,1,1-Trichloroethane	71-55-6	<0.305	U	0.305	0.610	11/30/2023 15:43	C23113008.D
Carbon Tetrachloride	56-23-5	<0.745	U	0.745	1.49	11/30/2023 15:43	C23113008.D
Benzene	71-43-2	1.21	J	1.21	3.02	11/30/2023 15:43	C23113008.D
Trichloroethene	79-01-6	52.8		0.970	1.94	11/30/2023 15:43	C23113008.D
1,4-Dioxane	123-91-1	4.88		0.781	1.56	11/30/2023 15:43	C23113008.D
1,1,2-Trichloroethane	79-00-5	<0.970	U	0.970	1.94	11/30/2023 15:43	C23113008.D
Toluene	108-88-3	4.90		1.60	4.00	11/30/2023 15:43	C23113008.D
1,2-Dibromoethane (EDB)	106-93-4	<0.821	U	0.821	1.64	11/30/2023 15:43	C23113008.D
Tetrachloroethene	127-18-4	545		0.781	1.56	11/30/2023 15:43	C23113008.D
1,1,1,2-Tetrachloroethane	630-20-6	<0.781	U	0.781	1.56	11/30/2023 15:43	C23113008.D
Chlorobenzene	108-90-7	<0.377	U	0.377	0.753	11/30/2023 15:43	C23113008.D
Ethylbenzene	100-41-4	<0.753	U	0.753	1.88	11/30/2023 15:43	C23113008.D
p & m-Xylene	179601-23-1	<0.728	U	0.728	1.82	11/30/2023 15:43	C23113008.D
o-Xylene	95-47-6	<0.728	U	0.728	1.82	11/30/2023 15:43	C23113008.D
1,2,3-Trichloropropane	96-18-4	<0.427	U	0.427	0.854	11/30/2023 15:43	C23113008.D
Isopropylbenzene	98-82-8	<0.772	U	0.772	1.93	11/30/2023 15:43	C23113008.D
1,3,5-Trimethylbenzene	108-67-8	<0.772	U	0.772	1.93	11/30/2023 15:43	C23113008.D
1,2,4-Trimethylbenzene	95-63-6	<0.772	U	0.772	1.93	11/30/2023 15:43	C23113008.D
1,3-Dichlorobenzene	541-73-1	<0.427	U	0.427	0.854	11/30/2023 15:43	C23113008.D
1,4-Dichlorobenzene	106-46-7	5.20		0.427	0.854	11/30/2023 15:43	C23113008.D
1,2-Dichlorobenzene	95-50-1	<0.427	U	0.427	0.854	11/30/2023 15:43	C23113008.D
1,2,4-Trichlorobenzene	120-82-1	<0.821	U	0.821	1.64	11/30/2023 15:43	C23113008.D
Naphthalene	91-20-3	<0.400	U	0.400	2.00	11/30/2023 15:43	C23113008.D
1,2,3-Trichlorobenzene	87-61-6	<0.821	U	0.821	1.64	11/30/2023 15:43	C23113008.D
2-Methylnaphthalene	91-57-6	<0.421	U	0.421	2.11	11/30/2023 15:43	C23113008.D
<i>Analyte</i>	<i>CAS#</i>	<i>% Recovery</i>	<i>Recovery Limits</i>	<i>Q</i>		<i>Analyzed</i>	<i>File ID</i>
<i>Surrogate: 1,2-DCA-d4</i>	17060-07-0	104%	70-130			11/30/2023 15:43	C23113008.D
<i>Surrogate: Toluene-d8</i>	2037-26-5	93.3%	70-130			11/30/2023 15:43	C23113008.D
<i>Surrogate: Bromofluorobenzene</i>	460-00-4	103%	70-130			11/30/2023 15:43	C23113008.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Lab Sample ID: 0007324-04

06R_SSG_04_20231120

Method: TO-17 (Passive)

Sewer Gas

Analyte	CAS#	Result (µg/m³)	Q	LOD (µg/m³)	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	7.80		0.396	0.792	11/30/2023 16:11	C23113009.D
1,1-Dichloroethene	75-35-4	<0.972	U	0.972	1.94	11/30/2023 16:11	C23113009.D
Methylene Chloride	75-09-2	12.3		0.916	1.83	11/30/2023 16:11	C23113009.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	0.362	J	0.360	0.720	11/30/2023 16:11	C23113009.D
trans-1,2-Dichloroethene	156-60-5	34.5		0.729	1.46	11/30/2023 16:11	C23113009.D
Methyl-t-butyl ether	1634-04-4	<1.28	U	1.28	3.21	11/30/2023 16:11	C23113009.D
1,1-Dichloroethane	75-34-3	<0.377	U	0.377	0.754	11/30/2023 16:11	C23113009.D
cis-1,2-Dichloroethene	156-59-2	179		0.605	1.21	11/30/2023 16:11	C23113009.D
Chloroform	67-66-3	92.7		0.916	1.83	11/30/2023 16:11	C23113009.D
1,2-Dichloroethane	107-06-2	<0.572	U	0.572	1.14	11/30/2023 16:11	C23113009.D
1,1,1-Trichloroethane	71-55-6	<0.305	U	0.305	0.611	11/30/2023 16:11	C23113009.D
Carbon Tetrachloride	56-23-5	<0.746	U	0.746	1.49	11/30/2023 16:11	C23113009.D
Benzene	71-43-2	1.43	J	1.21	3.02	11/30/2023 16:11	C23113009.D
Trichloroethene	79-01-6	83.3		0.972	1.94	11/30/2023 16:11	C23113009.D
1,4-Dioxane	123-91-1	<0.782	U	0.782	1.56	11/30/2023 16:11	C23113009.D
1,1,2-Trichloroethane	79-00-5	<0.972	U	0.972	1.94	11/30/2023 16:11	C23113009.D
Toluene	108-88-3	12.0		1.60	4.01	11/30/2023 16:11	C23113009.D
1,2-Dibromoethane (EDB)	106-93-4	<0.822	U	0.822	1.64	11/30/2023 16:11	C23113009.D
Tetrachloroethene	127-18-4	714		0.782	1.56	11/30/2023 16:11	C23113009.D
1,1,1,2-Tetrachloroethane	630-20-6	<0.782	U	0.782	1.56	11/30/2023 16:11	C23113009.D
Chlorobenzene	108-90-7	<0.377	U	0.377	0.754	11/30/2023 16:11	C23113009.D
Ethylbenzene	100-41-4	<0.754	U	0.754	1.89	11/30/2023 16:11	C23113009.D
p & m-Xylene	179601-23-1	0.931	J	0.729	1.82	11/30/2023 16:11	C23113009.D
o-Xylene	95-47-6	<0.729	U	0.729	1.82	11/30/2023 16:11	C23113009.D
1,2,3-Trichloropropane	96-18-4	<0.427	U	0.427	0.855	11/30/2023 16:11	C23113009.D
Isopropylbenzene	98-82-8	<0.773	U	0.773	1.93	11/30/2023 16:11	C23113009.D
1,3,5-Trimethylbenzene	108-67-8	<0.773	U	0.773	1.93	11/30/2023 16:11	C23113009.D
1,2,4-Trimethylbenzene	95-63-6	1.32	J	0.773	1.93	11/30/2023 16:11	C23113009.D
1,3-Dichlorobenzene	541-73-1	<0.427	U	0.427	0.855	11/30/2023 16:11	C23113009.D
1,4-Dichlorobenzene	106-46-7	17.6		0.427	0.855	11/30/2023 16:11	C23113009.D
1,2-Dichlorobenzene	95-50-1	<0.427	U	0.427	0.855	11/30/2023 16:11	C23113009.D
1,2,4-Trichlorobenzene	120-82-1	<0.822	U	0.822	1.64	11/30/2023 16:11	C23113009.D
Naphthalene	91-20-3	0.640	J	0.401	2.00	11/30/2023 16:11	C23113009.D
1,2,3-Trichlorobenzene	87-61-6	<0.822	U	0.822	1.64	11/30/2023 16:11	C23113009.D
2-Methylnaphthalene	91-57-6	0.929	J	0.422	2.11	11/30/2023 16:11	C23113009.D
<i>Analyte</i>	<i>CAS#</i>	<i>% Recovery</i>	<i>Recovery Limits</i>	<i>Q</i>		<i>Analyzed</i>	<i>File ID</i>
<i>Surrogate: 1,2-DCA-d4</i>	17060-07-0	98.9%	70-130			11/30/2023 16:11	C23113009.D
<i>Surrogate: Toluene-d8</i>	2037-26-5	93.4%	70-130			11/30/2023 16:11	C23113009.D
<i>Surrogate: Bromofluorobenzene</i>	460-00-4	97.9%	70-130			11/30/2023 16:11	C23113009.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Lab Sample ID: 0007324-05

06R_SSG_05_20231120

Method: TO-17 (Passive)

Sewer Gas

Analyte	CAS#	Result (µg/m ³)	Q	LOD (µg/m ³)	LOQ (µg/m ³)	Analyzed	File ID
Vinyl Chloride	75-01-4	1.41		0.399	0.799	11/30/2023 16:39	C23113010.D
1,1-Dichloroethene	75-35-4	14.6		0.980	1.96	11/30/2023 16:39	C23113010.D
Methylene Chloride	75-09-2	3.69		0.924	1.85	11/30/2023 16:39	C23113010.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.364	U	0.364	0.727	11/30/2023 16:39	C23113010.D
trans-1,2-Dichloroethene	156-60-5	22.6		0.735	1.47	11/30/2023 16:39	C23113010.D
Methyl-t-butyl ether	1634-04-4	<1.29	U	1.29	3.24	11/30/2023 16:39	C23113010.D
1,1-Dichloroethane	75-34-3	<0.381	U	0.381	0.761	11/30/2023 16:39	C23113010.D
cis-1,2-Dichloroethene	156-59-2	60.0		0.610	1.22	11/30/2023 16:39	C23113010.D
Chloroform	67-66-3	13.0		0.924	1.85	11/30/2023 16:39	C23113010.D
1,2-Dichloroethane	107-06-2	<0.578	U	0.578	1.16	11/30/2023 16:39	C23113010.D
1,1,1-Trichloroethane	71-55-6	0.635		0.308	0.616	11/30/2023 16:39	C23113010.D
Carbon Tetrachloride	56-23-5	<0.752	U	0.752	1.50	11/30/2023 16:39	C23113010.D
Benzene	71-43-2	1.65	J	1.22	3.05	11/30/2023 16:39	C23113010.D
Trichloroethene	79-01-6	1.240		0.980	1.96	11/30/2023 16:39	C23113010.D
1,4-Dioxane	123-91-1	<0.789	U	0.789	1.58	11/30/2023 16:39	C23113010.D
1,1,2-Trichloroethane	79-00-5	<0.980	U	0.980	1.96	11/30/2023 16:39	C23113010.D
Toluene	108-88-3	5.30		1.62	4.04	11/30/2023 16:39	C23113010.D
1,2-Dibromoethane (EDB)	106-93-4	<0.830	U	0.830	1.66	11/30/2023 16:39	C23113010.D
Tetrachloroethene	127-18-4	22,600	D	18.3	36.7	12/01/2023 10:34	C23113028.D
1,1,1,2-Tetrachloroethane	630-20-6	<0.789	U	0.789	1.58	11/30/2023 16:39	C23113010.D
Chlorobenzene	108-90-7	<0.381	U	0.381	0.761	11/30/2023 16:39	C23113010.D
Ethylbenzene	100-41-4	1.41	J	0.761	1.90	11/30/2023 16:39	C23113010.D
p & m-Xylene	179601-23-1	5.13		0.735	1.84	11/30/2023 16:39	C23113010.D
o-Xylene	95-47-6	2.49		0.735	1.84	11/30/2023 16:39	C23113010.D
1,2,3-Trichloropropane	96-18-4	<0.431	U	0.431	0.863	11/30/2023 16:39	C23113010.D
Isopropylbenzene	98-82-8	<0.780	U	0.780	1.95	11/30/2023 16:39	C23113010.D
1,3,5-Trimethylbenzene	108-67-8	3.34		0.780	1.95	11/30/2023 16:39	C23113010.D
1,2,4-Trimethylbenzene	95-63-6	10.2		0.780	1.95	11/30/2023 16:39	C23113010.D
1,3-Dichlorobenzene	541-73-1	<0.431	U	0.431	0.863	11/30/2023 16:39	C23113010.D
1,4-Dichlorobenzene	106-46-7	1.97		0.431	0.863	11/30/2023 16:39	C23113010.D
1,2-Dichlorobenzene	95-50-1	<0.431	U	0.431	0.863	11/30/2023 16:39	C23113010.D
1,2,4-Trichlorobenzene	120-82-1	<0.830	U	0.830	1.66	11/30/2023 16:39	C23113010.D
Naphthalene	91-20-3	0.481	J	0.404	2.02	11/30/2023 16:39	C23113010.D
1,2,3-Trichlorobenzene	87-61-6	<0.830	U	0.830	1.66	11/30/2023 16:39	C23113010.D
2-Methylnaphthalene	91-57-6	<0.426	U	0.426	2.13	11/30/2023 16:39	C23113010.D
Analyte	CAS#	% Recovery	Recovery Limits	Q		Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	98.4%	70-130			11/30/2023 16:39	C23113010.D
Surrogate: 1,2-DCA-d4	17060-07-0	99.0%	70-130			12/01/2023 10:34	C23113028.D
Surrogate: Toluene-d8	2037-26-5	95.1%	70-130			12/01/2023 10:34	C23113028.D
Surrogate: Toluene-d8	2037-26-5	86.4%	70-130			11/30/2023 16:39	C23113010.D
Surrogate: Bromofluorobenzene	460-00-4	96.9%	70-130			12/01/2023 10:34	C23113028.D
Surrogate: Bromofluorobenzene	460-00-4	98.5%	70-130			11/30/2023 16:39	C23113010.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Lab Sample ID: 0007324-06

06R_SSG_06_20231120

Method: TO-17 (Passive)

Sewer Gas

Analyte	CAS#	Result (µg/m ³)	Q	LOD (µg/m ³)	LOQ (µg/m ³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.400	U	0.400	0.800	11/30/2023 17:08	C23113011.D
1,1-Dichloroethene	75-35-4	<0.981	U	0.981	1.96	11/30/2023 17:08	C23113011.D
Methylene Chloride	75-09-2	<0.925	U	0.925	1.85	11/30/2023 17:08	C23113011.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.364	U	0.364	0.728	11/30/2023 17:08	C23113011.D
trans-1,2-Dichloroethene	156-60-5	1.33	J	0.736	1.47	11/30/2023 17:08	C23113011.D
Methyl-t-butyl ether	1634-04-4	<1.30	U	1.30	3.24	11/30/2023 17:08	C23113011.D
1,1-Dichloroethane	75-34-3	<0.381	U	0.381	0.762	11/30/2023 17:08	C23113011.D
cis-1,2-Dichloroethene	156-59-2	5.32		0.611	1.22	11/30/2023 17:08	C23113011.D
Chloroform	67-66-3	1.99		0.925	1.85	11/30/2023 17:08	C23113011.D
1,2-Dichloroethane	107-06-2	<0.578	U	0.578	1.16	11/30/2023 17:08	C23113011.D
1,1,1-Trichloroethane	71-55-6	<0.308	U	0.308	0.617	11/30/2023 17:08	C23113011.D
Carbon Tetrachloride	56-23-5	<0.753	U	0.753	1.51	11/30/2023 17:08	C23113011.D
Benzene	71-43-2	17.3		1.22	3.05	11/30/2023 17:08	C23113011.D
Trichloroethene	79-01-6	5.79		0.981	1.96	11/30/2023 17:08	C23113011.D
1,4-Dioxane	123-91-1	201	D	18.4	36.7	12/01/2023 14:46	C23120106.D
1,1,2-Trichloroethane	79-00-5	<0.981	U	0.981	1.96	11/30/2023 17:08	C23113011.D
Toluene	108-88-3	<1.62	U	1.62	4.05	11/30/2023 17:08	C23113011.D
1,2-Dibromoethane (EDB)	106-93-4	<0.830	U	0.830	1.66	11/30/2023 17:08	C23113011.D
Tetrachloroethene	127-18-4	41.5		0.790	1.58	11/30/2023 17:08	C23113011.D
1,1,1,2-Tetrachloroethane	630-20-6	<0.790	U	0.790	1.58	11/30/2023 17:08	C23113011.D
Chlorobenzene	108-90-7	<0.381	U	0.381	0.762	11/30/2023 17:08	C23113011.D
Ethylbenzene	100-41-4	<0.762	U	0.762	1.90	11/30/2023 17:08	C23113011.D
p & m-Xylene	179601-23-1	<0.736	U	0.736	1.84	11/30/2023 17:08	C23113011.D
o-Xylene	95-47-6	<0.736	U	0.736	1.84	11/30/2023 17:08	C23113011.D
1,2,3-Trichloropropane	96-18-4	<0.432	U	0.432	0.864	11/30/2023 17:08	C23113011.D
Isopropylbenzene	98-82-8	<0.780	U	0.780	1.95	11/30/2023 17:08	C23113011.D
1,3,5-Trimethylbenzene	108-67-8	<0.780	U	0.780	1.95	11/30/2023 17:08	C23113011.D
1,2,4-Trimethylbenzene	95-63-6	<0.780	U	0.780	1.95	11/30/2023 17:08	C23113011.D
1,3-Dichlorobenzene	541-73-1	<0.432	U	0.432	0.864	11/30/2023 17:08	C23113011.D
1,4-Dichlorobenzene	106-46-7	<0.432	U	0.432	0.864	11/30/2023 17:08	C23113011.D
1,2-Dichlorobenzene	95-50-1	<0.432	U	0.432	0.864	11/30/2023 17:08	C23113011.D
1,2,4-Trichlorobenzene	120-82-1	<0.830	U	0.830	1.66	11/30/2023 17:08	C23113011.D
Naphthalene	91-20-3	<0.405	U	0.405	2.02	11/30/2023 17:08	C23113011.D
1,2,3-Trichlorobenzene	87-61-6	<0.830	U	0.830	1.66	11/30/2023 17:08	C23113011.D
2-Methylnaphthalene	91-57-6	<0.426	U	0.426	2.13	11/30/2023 17:08	C23113011.D

Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	97.2%	70-130		11/30/2023 17:08	C23113011.D
Surrogate: 1,2-DCA-d4	17060-07-0	104%	70-130		12/01/2023 14:46	C23120106.D
Surrogate: Toluene-d8	2037-26-5	87.9%	70-130		11/30/2023 17:08	C23113011.D
Surrogate: Toluene-d8	2037-26-5	93.0%	70-130		12/01/2023 14:46	C23120106.D
Surrogate: Bromofluorobenzene	460-00-4	96.3%	70-130		12/01/2023 14:46	C23120106.D
Surrogate: Bromofluorobenzene	460-00-4	97.6%	70-130		11/30/2023 17:08	C23113011.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Lab Sample ID: 0007324-07

06R_SSG_07_20231120

Method: TO-17 (Passive)

Sewer Gas

Analyte	CAS#	Result (µg/m³)	Q	LOD (µg/m³)	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.401	U	0.401	0.801	11/30/2023 17:36	C23113012.D
1,1-Dichloroethene	75-35-4	<0.983	U	0.983	1.97	11/30/2023 17:36	C23113012.D
Methylene Chloride	75-09-2	10.0		0.927	1.85	11/30/2023 17:36	C23113012.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	0.402	J	0.365	0.729	11/30/2023 17:36	C23113012.D
trans-1,2-Dichloroethene	156-60-5	<0.738	U	0.738	1.48	11/30/2023 17:36	C23113012.D
Methyl-t-butyl ether	1634-04-4	<1.30	U	1.30	3.25	11/30/2023 17:36	C23113012.D
1,1-Dichloroethane	75-34-3	<0.382	U	0.382	0.764	11/30/2023 17:36	C23113012.D
cis-1,2-Dichloroethene	156-59-2	<0.612	U	0.612	1.22	11/30/2023 17:36	C23113012.D
Chloroform	67-66-3	4.56		0.927	1.85	11/30/2023 17:36	C23113012.D
1,2-Dichloroethane	107-06-2	<0.580	U	0.580	1.16	11/30/2023 17:36	C23113012.D
1,1,1-Trichloroethane	71-55-6	0.465	J	0.309	0.618	11/30/2023 17:36	C23113012.D
Carbon Tetrachloride	56-23-5	<0.755	U	0.755	1.51	11/30/2023 17:36	C23113012.D
Benzene	71-43-2	1.77	J	1.22	3.06	11/30/2023 17:36	C23113012.D
Trichloroethene	79-01-6	1.25	J	0.983	1.97	11/30/2023 17:36	C23113012.D
1,4-Dioxane	123-91-1	<0.792	U	0.792	1.58	11/30/2023 17:36	C23113012.D
1,1,2-Trichloroethane	79-00-5	<0.983	U	0.983	1.97	11/30/2023 17:36	C23113012.D
Toluene	108-88-3	3.18	J	1.62	4.06	11/30/2023 17:36	C23113012.D
1,2-Dibromoethane (EDB)	106-93-4	<0.832	U	0.832	1.66	11/30/2023 17:36	C23113012.D
Tetrachloroethene	127-18-4	11.5		0.792	1.58	11/30/2023 17:36	C23113012.D
1,1,1,2-Tetrachloroethane	630-20-6	<0.792	U	0.792	1.58	11/30/2023 17:36	C23113012.D
Chlorobenzene	108-90-7	<0.382	U	0.382	0.764	11/30/2023 17:36	C23113012.D
Ethylbenzene	100-41-4	<0.764	U	0.764	1.91	11/30/2023 17:36	C23113012.D
p & m-Xylene	179601-23-1	0.992	J	0.738	1.84	11/30/2023 17:36	C23113012.D
o-Xylene	95-47-6	<0.738	U	0.738	1.84	11/30/2023 17:36	C23113012.D
1,2,3-Trichloropropane	96-18-4	<0.433	U	0.433	0.865	11/30/2023 17:36	C23113012.D
Isopropylbenzene	98-82-8	<0.782	U	0.782	1.96	11/30/2023 17:36	C23113012.D
1,3,5-Trimethylbenzene	108-67-8	<0.782	U	0.782	1.96	11/30/2023 17:36	C23113012.D
1,2,4-Trimethylbenzene	95-63-6	<0.782	U	0.782	1.96	11/30/2023 17:36	C23113012.D
1,3-Dichlorobenzene	541-73-1	<0.433	U	0.433	0.865	11/30/2023 17:36	C23113012.D
1,4-Dichlorobenzene	106-46-7	<0.433	U	0.433	0.865	11/30/2023 17:36	C23113012.D
1,2-Dichlorobenzene	95-50-1	<0.433	U	0.433	0.865	11/30/2023 17:36	C23113012.D
1,2,4-Trichlorobenzene	120-82-1	<0.832	U	0.832	1.66	11/30/2023 17:36	C23113012.D
Naphthalene	91-20-3	<0.406	U	0.406	2.03	11/30/2023 17:36	C23113012.D
1,2,3-Trichlorobenzene	87-61-6	<0.832	U	0.832	1.66	11/30/2023 17:36	C23113012.D
2-Methylnaphthalene	91-57-6	<0.427	U	0.427	2.14	11/30/2023 17:36	C23113012.D
<i>Analyte</i>	<i>CAS#</i>	<i>% Recovery</i>	<i>Recovery Limits</i>	<i>Q</i>		<i>Analyzed</i>	<i>File ID</i>
Surrogate: 1,2-DCA-d4	17060-07-0	99.0%	70-130			11/30/2023 17:36	C23113012.D
Surrogate: Toluene-d8	2037-26-5	93.4%	70-130			11/30/2023 17:36	C23113012.D
Surrogate: Bromofluorobenzene	460-00-4	100%	70-130			11/30/2023 17:36	C23113012.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

QC Information/Summary

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Organics in Air by EPA TO-17 Using Beacon Sampler - Quality Control Summary

Sequence: B23K090 - Batch: 23K0075 - Instrument: C System - File ID: C23113003.D

23K0075-BS1 (LCS, Calibration Source Verification)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	56.5	10	5	ng	50.0		113	70-130			
1,1-Dichloroethene	43.1	10	5	ng	50.0		86.2	70-130			
Methylene Chloride	44.7	10	5	ng	50.0		89.4	70-130			
1,1,2-Trichlorotrifluoroethane (Fr.113)	45.4	10	5	ng	50.0		90.8	70-130			
trans-1,2-Dichloroethene	48.0	10	5	ng	50.0		95.9	70-130			
Methyl-t-butyl ether	48.1	25	10	ng	50.0		96.1	70-130			
1,1-Dichloroethane	46.4	10	5	ng	50.0		92.7	70-130			
cis-1,2-Dichloroethene	46.8	10	5	ng	50.0		93.7	70-130			
Chloroform	46.5	10	5	ng	50.0		93.1	70-130			
1,2-Dichloroethane	46.8	10	5	ng	50.0		93.6	70-130			
1,1,1-Trichloroethane	44.0	10	5	ng	50.0		87.9	70-130			
Carbon Tetrachloride	46.6	10	5	ng	50.0		93.1	70-130			
Benzene	47.4	25	10	ng	50.0		94.7	70-130			
Trichloroethene	48.5	10	5	ng	50.0		97.1	70-130			
1,4-Dioxane	48.3	10	5	ng	50.0		96.5	70-130			
1,1,2-Trichloroethane	50.7	10	5	ng	50.0		101	70-130			
Toluene	47.8	25	10	ng	50.0		95.5	70-130			
1,2-Dibromoethane (EDB)	47.1	10	5	ng	50.0		94.3	70-130			
Tetrachloroethene	45.3	10	5	ng	50.0		90.6	70-130			
1,1,1,2-Tetrachloroethane	49.4	10	5	ng	50.0		98.9	70-130			
Chlorobenzene	47.1	10	5	ng	50.0		94.2	70-130			
Ethylbenzene	49.5	25	10	ng	50.0		99.0	70-130			
p & m-Xylene	50.1	25	10	ng	50.0		100	70-130			
o-Xylene	49.7	25	10	ng	50.0		99.4	70-130			
1,2,3-Trichloropropane	51.8	10	5	ng	50.0		104	70-130			
Isopropylbenzene	46.7	25	10	ng	50.0		93.4	70-130			
1,3,5-Trimethylbenzene	52.0	25	10	ng	50.0		104	70-130			
1,2,4-Trimethylbenzene	51.6	25	10	ng	50.0		103	70-130			
1,3-Dichlorobenzene	51.1	10	5	ng	50.0		102	70-130			
1,4-Dichlorobenzene	49.7	10	5	ng	50.0		99.4	70-130			
1,2-Dichlorobenzene	50.6	10	5	ng	50.0		101	70-130			
1,2,4-Trichlorobenzene	43.9	10	5	ng	50.0		87.8	70-130			
Naphthalene	50.2	25	5	ng	50.0		100	70-130			
1,2,3-Trichlorobenzene	43.1	10	5	ng	50.0		86.2	70-130			
2-Methylnaphthalene	50.0	25	5	ng	50.0		100	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>48.4</i>			<i>ng</i>	<i>50.0</i>		<i>96.8</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.4</i>			<i>ng</i>	<i>50.0</i>		<i>101</i>	<i>70-130</i>			
<i>Surrogate: Bromofluorobenzene</i>	<i>50.2</i>			<i>ng</i>	<i>50.0</i>		<i>100</i>	<i>70-130</i>			

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R04 Lab Work Order: 0007324 Reported: 12/06/2023
---	---	--

Organics in Air by EPA TO-17 Using Beacon Sampler - Quality Control Summary

Sequence: B23K090 - Batch: 23K0075 - Instrument: C System - File ID: C23113004.D

23K0075-BLK1 (Lab Blank)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	<0.394	0.789	0.394	µg/m³							U
1,1-Dichloroethene	<0.968	1.94	0.968	µg/m³							U
Methylene Chloride	<0.913	1.82	0.913	µg/m³							U
1,1,2-Trichlorotrifluoroethane (Fr.113)	<0.359	0.718	0.359	µg/m³							U
trans-1,2-Dichloroethene	<0.726	1.45	0.726	µg/m³							U
Methyl-t-butyl ether	<1.28	3.19	1.28	µg/m³							U
1,1-Dichloroethane	<0.376	0.751	0.376	µg/m³							U
cis-1,2-Dichloroethene	<0.603	1.21	0.603	µg/m³							U
Chloroform	<0.913	1.82	0.913	µg/m³							U
1,2-Dichloroethane	<0.570	1.14	0.570	µg/m³							U
1,1,1-Trichloroethane	<0.304	0.608	0.304	µg/m³							U
Carbon Tetrachloride	<0.743	1.49	0.743	µg/m³							U
Benzene	<1.21	3.01	1.21	µg/m³							U
Trichloroethene	<0.968	1.94	0.968	µg/m³							U
1,4-Dioxane	<0.779	1.56	0.779	µg/m³							U
1,1,2-Trichloroethane	<0.968	1.94	0.968	µg/m³							U
Toluene	<1.60	3.99	1.60	µg/m³							U
1,2-Dibromoethane (EDB)	<0.819	1.64	0.819	µg/m³							U
Tetrachloroethene	<0.779	1.56	0.779	µg/m³							U
1,1,1,2-Tetrachloroethane	<0.779	1.56	0.779	µg/m³							U
Chlorobenzene	<0.376	0.751	0.376	µg/m³							U
Ethylbenzene	<0.751	1.88	0.751	µg/m³							U
p & m-Xylene	<0.726	1.81	0.726	µg/m³							U
o-Xylene	<0.726	1.81	0.726	µg/m³							U
1,2,3-Trichloropropane	<0.426	0.852	0.426	µg/m³							U
Isopropylbenzene	<0.770	1.92	0.770	µg/m³							U
1,3,5-Trimethylbenzene	<0.770	1.92	0.770	µg/m³							U
1,2,4-Trimethylbenzene	<0.770	1.92	0.770	µg/m³							U
1,3-Dichlorobenzene	<0.426	0.852	0.426	µg/m³							U
1,4-Dichlorobenzene	<0.426	0.852	0.426	µg/m³							U
1,2-Dichlorobenzene	<0.426	0.852	0.426	µg/m³							U
1,2,4-Trichlorobenzene	<0.819	1.64	0.819	µg/m³							U
Naphthalene	<0.399	2.00	0.399	µg/m³							U
1,2,3-Trichlorobenzene	<0.819	1.64	0.819	µg/m³							U
2-Methylnaphthalene	<0.420	2.10	0.420	µg/m³							U
Surrogate: 1,2-DCA-d4	99.4			ng	100		99.4	70-130			
Surrogate: Toluene-d8	97.8			ng	100		97.8	70-130			
Surrogate: Bromofluorobenzene	97.6			ng	100		97.6	70-130			

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R04 Lab Work Order: 0007324 Reported: 12/06/2023
---	---	--

Organics in Air by EPA TO-17 Using Beacon Sampler - Quality Control Summary

Sequence: B23K090 - Instrument: C System - File ID: C23113005.D

B23K090-ICV1 (LCSD/Second Source Verification/CALV)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	63.6	10	5	ng	50.0		127	70-130			
1,1-Dichloroethene	48.3	10	5	ng	50.0		96.6	70-130			
Methylene Chloride	48.8	10	5	ng	50.0		97.7	70-130			
1,1,2-Trichlorotrifluoroethane (Fr.113)	50.4	10	5	ng	50.0		101	70-130			
trans-1,2-Dichloroethene	49.1	10	5	ng	50.0		98.2	70-130			
Methyl-t-butyl ether	39.7	25	10	ng	50.0		79.4	70-130			
1,1-Dichloroethane	50.0	10	5	ng	50.0		100	70-130			
cis-1,2-Dichloroethene	46.9	10	5	ng	50.0		93.7	70-130			
Chloroform	47.5	10	5	ng	50.0		95.0	70-130			
1,2-Dichloroethane	51.0	10	5	ng	50.0		102	70-130			
1,1,1-Trichloroethane	47.2	10	5	ng	50.0		94.5	70-130			
Carbon Tetrachloride	50.3	10	5	ng	50.0		101	70-130			
Benzene	49.3	25	10	ng	50.0		98.6	70-130			
Trichloroethene	49.2	10	5	ng	50.0		98.4	70-130			
1,4-Dioxane	49.2	10	5	ng	50.0		98.5	70-130			
1,1,2-Trichloroethane	51.3	10	5	ng	50.0		103	70-130			
Toluene	49.3	25	10	ng	50.0		98.6	70-130			
1,2-Dibromoethane (EDB)	49.8	10	5	ng	50.0		99.7	70-130			
Tetrachloroethene	46.2	10	5	ng	50.0		92.4	70-130			
1,1,1,2-Tetrachloroethane	50.6	10	5	ng	50.0		101	70-130			
Chlorobenzene	49.8	10	5	ng	50.0		99.7	70-130			
Ethylbenzene	52.1	25	10	ng	50.0		104	70-130			
p & m-Xylene	51.9	25	10	ng	50.0		104	70-130			
o-Xylene	52.1	25	10	ng	50.0		104	70-130			
1,2,3-Trichloropropane	53.3	10	5	ng	50.0		107	70-130			
Isopropylbenzene	49.0	25	10	ng	50.0		98.0	70-130			
1,3,5-Trimethylbenzene	53.7	25	10	ng	50.0		107	70-130			
1,2,4-Trimethylbenzene	52.0	25	10	ng	50.0		104	70-130			
1,3-Dichlorobenzene	49.9	10	5	ng	50.0		99.7	70-130			
1,4-Dichlorobenzene	49.8	10	5	ng	50.0		99.7	70-130			
1,2-Dichlorobenzene	50.9	10	5	ng	50.0		102	70-130			
1,2,4-Trichlorobenzene	45.8	10	5	ng	50.0		91.5	70-130			
Naphthalene	51.0	25	5	ng	50.0		102	70-130			
1,2,3-Trichlorobenzene	43.4	10	5	ng	50.0		86.8	70-130			
2-Methylnaphthalene	50.0	25	5	ng	50.0		100	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>49.2</i>			<i>ng</i>	<i>50.0</i>		<i>98.4</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.2</i>			<i>ng</i>	<i>50.0</i>		<i>100</i>	<i>70-130</i>			
<i>Surrogate: Bromofluorobenzene</i>	<i>46.6</i>			<i>ng</i>	<i>50.0</i>		<i>93.2</i>	<i>70-130</i>			

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Organics in Air by EPA TO-17 Using Beacon Sampler - Quality Control Summary

Sequence: B23K090 - Instrument: C System - File ID: C23113029.D

B23K090-CCV1 (LCS, Closing Calibration Verification)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	58.4	10	5	ng	50.0		117	70-130			
1,1-Dichloroethene	45.2	10	5	ng	50.0		90.4	70-130			
Methylene Chloride	44.5	10	5	ng	50.0		88.9	70-130			
1,1,2-Trichlorotrifluoroethane (Fr.113)	49.6	10	5	ng	50.0		99.2	70-130			
trans-1,2-Dichloroethene	48.8	10	5	ng	50.0		97.6	70-130			
Methyl-t-butyl ether	41.3	25	10	ng	50.0		82.7	70-130			
1,1-Dichloroethane	48.1	10	5	ng	50.0		96.2	70-130			
cis-1,2-Dichloroethene	47.6	10	5	ng	50.0		95.2	70-130			
Chloroform	47.8	10	5	ng	50.0		95.6	70-130			
1,2-Dichloroethane	48.0	10	5	ng	50.0		95.9	70-130			
1,1,1-Trichloroethane	44.9	10	5	ng	50.0		89.8	70-130			
Carbon Tetrachloride	47.7	10	5	ng	50.0		95.4	70-130			
Benzene	48.9	25	10	ng	50.0		97.7	70-130			
Trichloroethene	50.6	10	5	ng	50.0		101	70-130			
1,4-Dioxane	46.3	10	5	ng	50.0		92.7	70-130			
1,1,2-Trichloroethane	48.0	10	5	ng	50.0		96.0	70-130			
Toluene	49.8	25	10	ng	50.0		99.5	70-130			
1,2-Dibromoethane (EDB)	44.9	10	5	ng	50.0		89.8	70-130			
Tetrachloroethene	49.9	10	5	ng	50.0		99.8	70-130			
1,1,1,2-Tetrachloroethane	50.6	10	5	ng	50.0		101	70-130			
Chlorobenzene	48.1	10	5	ng	50.0		96.2	70-130			
Ethylbenzene	50.0	25	10	ng	50.0		100	70-130			
p & m-Xylene	48.7	25	10	ng	50.0		97.4	70-130			
o-Xylene	49.2	25	10	ng	50.0		98.3	70-130			
1,2,3-Trichloropropane	51.1	10	5	ng	50.0		102	70-130			
Isopropylbenzene	46.4	25	10	ng	50.0		92.8	70-130			
1,3,5-Trimethylbenzene	52.3	25	10	ng	50.0		105	70-130			
1,2,4-Trimethylbenzene	49.9	25	10	ng	50.0		99.8	70-130			
1,3-Dichlorobenzene	50.5	10	5	ng	50.0		101	70-130			
1,4-Dichlorobenzene	48.2	10	5	ng	50.0		96.4	70-130			
1,2-Dichlorobenzene	49.1	10	5	ng	50.0		98.1	70-130			
1,2,4-Trichlorobenzene	45.2	10	5	ng	50.0		90.3	70-130			
Naphthalene	49.3	25	5	ng	50.0		98.5	70-130			
1,2,3-Trichlorobenzene	43.6	10	5	ng	50.0		87.2	70-130			
2-Methylnaphthalene	55.4	25	5	ng	50.0		111	70-130			
Surrogate: 1,2-DCA-d4	50.0			ng	50.0		99.9	70-130			
Surrogate: Toluene-d8	50.1			ng	50.0		100	70-130			
Surrogate: Bromofluorobenzene	47.9			ng	50.0		95.8	70-130			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Organics in Air by EPA TO-17 Using Beacon Sampler - Quality Control Summary
Sequence: B23K090 - Instrument: C System - File ID: C23113030.D
B23K090-CCB1 (Lab Blank)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	<5	10	5	ng							U
1,1-Dichloroethene	<5	10	5	ng							U
Methylene Chloride	<5	10	5	ng							U
1,1,2-Trichlorotrifluoroethane (Fr.113)	<5	10	5	ng							U
trans-1,2-Dichloroethene	<5	10	5	ng							U
Methyl-t-butyl ether	<10	25	10	ng							U
1,1-Dichloroethane	<5	10	5	ng							U
cis-1,2-Dichloroethene	<5	10	5	ng							U
Chloroform	<5	10	5	ng							U
1,2-Dichloroethane	<5	10	5	ng							U
1,1,1-Trichloroethane	<5	10	5	ng							U
Carbon Tetrachloride	<5	10	5	ng							U
Benzene	<10	25	10	ng							U
Trichloroethene	<5	10	5	ng							U
1,4-Dioxane	<5	10	5	ng							U
1,1,2-Trichloroethane	<5	10	5	ng							U
Toluene	<10	25	10	ng							U
1,2-Dibromoethane (EDB)	<5	10	5	ng							U
Tetrachloroethene	<5	10	5	ng							U
1,1,1,2-Tetrachloroethane	<5	10	5	ng							U
Chlorobenzene	<5	10	5	ng							U
Ethylbenzene	<10	25	10	ng							U
p & m-Xylene	<10	25	10	ng							U
o-Xylene	<10	25	10	ng							U
1,2,3-Trichloropropane	<5	10	5	ng							U
Isopropylbenzene	<10	25	10	ng							U
1,3,5-Trimethylbenzene	<10	25	10	ng							U
1,2,4-Trimethylbenzene	<10	25	10	ng							U
1,3-Dichlorobenzene	<5	10	5	ng							U
1,4-Dichlorobenzene	<5	10	5	ng							U
1,2-Dichlorobenzene	<5	10	5	ng							U
1,2,4-Trichlorobenzene	<5	10	5	ng							U
Naphthalene	<5	25	5	ng							U
1,2,3-Trichlorobenzene	<5	10	5	ng							U
2-Methylnaphthalene	<5	25	5	ng							U
Surrogate: 1,2-DCA-d4	102			ng	100		102	70-130			
Surrogate: Toluene-d8	95.0			ng	100		95.0	70-130			
Surrogate: Bromofluorobenzene	95.6			ng	100		95.6	70-130			

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Organics in Air by EPA TO-17 Using Beacon Sampler - Quality Control Summary

Sequence: B23L005 - Batch: 23L0005 - Instrument: C System - File ID: C23120102.D

23L0005-BS1 (LCS, Calibration Source Verification)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	57.6	10	5	ng	50.0		115	70-130			
1,1-Dichloroethene	45.2	10	5	ng	50.0		90.3	70-130			
Methylene Chloride	44.0	10	5	ng	50.0		88.1	70-130			
1,1,2-Trichlorotrifluoroethane (Fr.113)	48.7	10	5	ng	50.0		97.5	70-130			
trans-1,2-Dichloroethene	47.9	10	5	ng	50.0		95.8	70-130			
Methyl-t-butyl ether	48.3	25	10	ng	50.0		96.6	70-130			
1,1-Dichloroethane	47.5	10	5	ng	50.0		95.1	70-130			
cis-1,2-Dichloroethene	44.7	10	5	ng	50.0		89.5	70-130			
Chloroform	45.1	10	5	ng	50.0		90.1	70-130			
1,2-Dichloroethane	48.2	10	5	ng	50.0		96.4	70-130			
1,1,1-Trichloroethane	43.5	10	5	ng	50.0		87.0	70-130			
Carbon Tetrachloride	48.4	10	5	ng	50.0		96.9	70-130			
Benzene	47.2	25	10	ng	50.0		94.4	70-130			
Trichloroethene	49.4	10	5	ng	50.0		98.9	70-130			
1,4-Dioxane	46.7	10	5	ng	50.0		93.4	70-130			
1,1,2-Trichloroethane	50.4	10	5	ng	50.0		101	70-130			
Toluene	48.5	25	10	ng	50.0		96.9	70-130			
1,2-Dibromoethane (EDB)	48.9	10	5	ng	50.0		97.7	70-130			
Tetrachloroethene	45.8	10	5	ng	50.0		91.5	70-130			
1,1,1,2-Tetrachloroethane	51.0	10	5	ng	50.0		102	70-130			
Chlorobenzene	49.3	10	5	ng	50.0		98.7	70-130			
Ethylbenzene	51.3	25	10	ng	50.0		103	70-130			
p & m-Xylene	49.8	25	10	ng	50.0		99.5	70-130			
o-Xylene	51.6	25	10	ng	50.0		103	70-130			
1,2,3-Trichloropropane	52.5	10	5	ng	50.0		105	70-130			
Isopropylbenzene	46.4	25	10	ng	50.0		92.7	70-130			
1,3,5-Trimethylbenzene	54.5	25	10	ng	50.0		109	70-130			
1,2,4-Trimethylbenzene	51.1	25	10	ng	50.0		102	70-130			
1,3-Dichlorobenzene	51.4	10	5	ng	50.0		103	70-130			
1,4-Dichlorobenzene	50.8	10	5	ng	50.0		102	70-130			
1,2-Dichlorobenzene	51.5	10	5	ng	50.0		103	70-130			
1,2,4-Trichlorobenzene	45.0	10	5	ng	50.0		90.1	70-130			
Naphthalene	50.7	25	5	ng	50.0		101	70-130			
1,2,3-Trichlorobenzene	44.0	10	5	ng	50.0		88.0	70-130			
2-Methylnaphthalene	52.4	25	5	ng	50.0		105	70-130			
Surrogate: 1,2-DCA-d4	48.4			ng	50.0		96.8	70-130			
Surrogate: Toluene-d8	50.3			ng	50.0		101	70-130			
Surrogate: Bromofluorobenzene	46.7			ng	50.0		93.4	70-130			

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R04 Lab Work Order: 0007324 Reported: 12/06/2023
---	---	--

Organics in Air by EPA TO-17 Using Beacon Sampler - Quality Control Summary

Sequence: B23L005 - Batch: 23L0005 - Instrument: C System - File ID: C23120103.D

23L0005-BLK1 (Lab Blank)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	<0.394	0.789	0.394	µg/m³							U
1,1-Dichloroethene	<0.968	1.94	0.968	µg/m³							U
Methylene Chloride	<0.913	1.82	0.913	µg/m³							U
1,1,2-Trichlorotrifluoroethane (Fr.113)	<0.359	0.718	0.359	µg/m³							U
trans-1,2-Dichloroethene	<0.726	1.45	0.726	µg/m³							U
Methyl-t-butyl ether	<1.28	3.19	1.28	µg/m³							U
1,1-Dichloroethane	<0.376	0.751	0.376	µg/m³							U
cis-1,2-Dichloroethene	<0.603	1.21	0.603	µg/m³							U
Chloroform	<0.913	1.82	0.913	µg/m³							U
1,2-Dichloroethane	<0.570	1.14	0.570	µg/m³							U
1,1,1-Trichloroethane	<0.304	0.608	0.304	µg/m³							U
Carbon Tetrachloride	<0.743	1.49	0.743	µg/m³							U
Benzene	<1.21	3.01	1.21	µg/m³							U
Trichloroethene	<0.968	1.94	0.968	µg/m³							U
1,4-Dioxane	<0.779	1.56	0.779	µg/m³							U
1,1,2-Trichloroethane	<0.968	1.94	0.968	µg/m³							U
Toluene	<1.60	3.99	1.60	µg/m³							U
1,2-Dibromoethane (EDB)	<0.819	1.64	0.819	µg/m³							U
Tetrachloroethene	<0.779	1.56	0.779	µg/m³							U
1,1,1,2-Tetrachloroethane	<0.779	1.56	0.779	µg/m³							U
Chlorobenzene	<0.376	0.751	0.376	µg/m³							U
Ethylbenzene	<0.751	1.88	0.751	µg/m³							U
p & m-Xylene	<0.726	1.81	0.726	µg/m³							U
o-Xylene	<0.726	1.81	0.726	µg/m³							U
1,2,3-Trichloropropane	<0.426	0.852	0.426	µg/m³							U
Isopropylbenzene	<0.770	1.92	0.770	µg/m³							U
1,3,5-Trimethylbenzene	<0.770	1.92	0.770	µg/m³							U
1,2,4-Trimethylbenzene	<0.770	1.92	0.770	µg/m³							U
1,3-Dichlorobenzene	<0.426	0.852	0.426	µg/m³							U
1,4-Dichlorobenzene	<0.426	0.852	0.426	µg/m³							U
1,2-Dichlorobenzene	<0.426	0.852	0.426	µg/m³							U
1,2,4-Trichlorobenzene	<0.819	1.64	0.819	µg/m³							U
Naphthalene	<0.399	2.00	0.399	µg/m³							U
1,2,3-Trichlorobenzene	<0.819	1.64	0.819	µg/m³							U
2-Methylnaphthalene	<0.420	2.10	0.420	µg/m³							U
Surrogate: 1,2-DCA-d4	98.4			ng	100		98.4	70-130			
Surrogate: Toluene-d8	93.9			ng	100		93.9	70-130			
Surrogate: Bromofluorobenzene	97.7			ng	100		97.7	70-130			

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R04 Lab Work Order: 0007324 Reported: 12/06/2023
---	---	--

Organics in Air by EPA TO-17 Using Beacon Sampler - Quality Control Summary

Sequence: B23L005 - Instrument: C System - File ID: C23120104.D

B23L005-ICV1 (LCSD/Second Source Verification/CALV)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	61.7	10	5	ng	50.0		123	70-130			
1,1-Dichloroethene	44.4	10	5	ng	50.0		88.8	70-130			
Methylene Chloride	44.0	10	5	ng	50.0		88.0	70-130			
1,1,2-Trichlorotrifluoroethane (Fr.113)	45.7	10	5	ng	50.0		91.4	70-130			
trans-1,2-Dichloroethene	47.2	10	5	ng	50.0		94.3	70-130			
Methyl-t-butyl ether	48.8	25	10	ng	50.0		97.6	70-130			
1,1-Dichloroethane	47.0	10	5	ng	50.0		93.9	70-130			
cis-1,2-Dichloroethene	44.1	10	5	ng	50.0		88.3	70-130			
Chloroform	45.1	10	5	ng	50.0		90.1	70-130			
1,2-Dichloroethane	48.3	10	5	ng	50.0		96.6	70-130			
1,1,1-Trichloroethane	44.4	10	5	ng	50.0		88.9	70-130			
Carbon Tetrachloride	49.9	10	5	ng	50.0		99.9	70-130			
Benzene	49.0	25	10	ng	50.0		97.9	70-130			
Trichloroethene	48.6	10	5	ng	50.0		97.1	70-130			
1,4-Dioxane	47.7	10	5	ng	50.0		95.4	70-130			
1,1,2-Trichloroethane	50.6	10	5	ng	50.0		101	70-130			
Toluene	48.9	25	10	ng	50.0		97.9	70-130			
1,2-Dibromoethane (EDB)	48.1	10	5	ng	50.0		96.2	70-130			
Tetrachloroethene	45.0	10	5	ng	50.0		90.0	70-130			
1,1,1,2-Tetrachloroethane	50.9	10	5	ng	50.0		102	70-130			
Chlorobenzene	49.2	10	5	ng	50.0		98.3	70-130			
Ethylbenzene	51.5	25	10	ng	50.0		103	70-130			
p & m-Xylene	51.1	25	10	ng	50.0		102	70-130			
o-Xylene	51.7	25	10	ng	50.0		103	70-130			
1,2,3-Trichloropropane	54.6	10	5	ng	50.0		109	70-130			
Isopropylbenzene	48.8	25	10	ng	50.0		97.5	70-130			
1,3,5-Trimethylbenzene	52.6	25	10	ng	50.0		105	70-130			
1,2,4-Trimethylbenzene	53.0	25	10	ng	50.0		106	70-130			
1,3-Dichlorobenzene	51.9	10	5	ng	50.0		104	70-130			
1,4-Dichlorobenzene	49.9	10	5	ng	50.0		99.7	70-130			
1,2-Dichlorobenzene	51.9	10	5	ng	50.0		104	70-130			
1,2,4-Trichlorobenzene	44.8	10	5	ng	50.0		89.6	70-130			
Naphthalene	51.2	25	5	ng	50.0		102	70-130			
1,2,3-Trichlorobenzene	44.3	10	5	ng	50.0		88.7	70-130			
2-Methylnaphthalene	50.4	25	5	ng	50.0		101	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>46.2</i>			<i>ng</i>	<i>50.0</i>		<i>92.4</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.1</i>			<i>ng</i>	<i>50.0</i>		<i>98.1</i>	<i>70-130</i>			
<i>Surrogate: Bromofluorobenzene</i>	<i>47.1</i>			<i>ng</i>	<i>50.0</i>		<i>94.3</i>	<i>70-130</i>			

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Organics in Air by EPA TO-17 Using Beacon Sampler - Quality Control Summary

Sequence: B23L005 - Instrument: C System - File ID: C23120124.D

B23L005-CCV1 (LCS, Closing Calibration Verification)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	42.4	10	5	ng	50.0		84.9	70-130			
1,1-Dichloroethene	42.8	10	5	ng	50.0		85.7	70-130			
Methylene Chloride	44.2	10	5	ng	50.0		88.5	70-130			
1,1,2-Trichlorotrifluoroethane (Fr.113)	50.1	10	5	ng	50.0		100	70-130			
trans-1,2-Dichloroethene	48.2	10	5	ng	50.0		96.3	70-130			
Methyl-t-butyl ether	51.0	25	10	ng	50.0		102	70-130			
1,1-Dichloroethane	49.9	10	5	ng	50.0		99.7	70-130			
cis-1,2-Dichloroethene	48.3	10	5	ng	50.0		96.6	70-130			
Chloroform	47.7	10	5	ng	50.0		95.5	70-130			
1,2-Dichloroethane	48.5	10	5	ng	50.0		97.0	70-130			
1,1,1-Trichloroethane	45.8	10	5	ng	50.0		91.6	70-130			
Carbon Tetrachloride	47.1	10	5	ng	50.0		94.1	70-130			
Benzene	49.1	25	10	ng	50.0		98.2	70-130			
Trichloroethene	50.7	10	5	ng	50.0		101	70-130			
1,4-Dioxane	47.6	10	5	ng	50.0		95.3	70-130			
1,1,2-Trichloroethane	54.3	10	5	ng	50.0		109	70-130			
Toluene	49.5	25	10	ng	50.0		99.1	70-130			
1,2-Dibromoethane (EDB)	48.5	10	5	ng	50.0		97.1	70-130			
Tetrachloroethene	46.4	10	5	ng	50.0		92.8	70-130			
1,1,1,2-Tetrachloroethane	50.6	10	5	ng	50.0		101	70-130			
Chlorobenzene	50.1	10	5	ng	50.0		100	70-130			
Ethylbenzene	50.5	25	10	ng	50.0		101	70-130			
p & m-Xylene	52.3	25	10	ng	50.0		105	70-130			
o-Xylene	50.6	25	10	ng	50.0		101	70-130			
1,2,3-Trichloropropane	53.0	10	5	ng	50.0		106	70-130			
Isopropylbenzene	49.0	25	10	ng	50.0		98.0	70-130			
1,3,5-Trimethylbenzene	55.6	25	10	ng	50.0		111	70-130			
1,2,4-Trimethylbenzene	54.9	25	10	ng	50.0		110	70-130			
1,3-Dichlorobenzene	52.0	10	5	ng	50.0		104	70-130			
1,4-Dichlorobenzene	52.2	10	5	ng	50.0		104	70-130			
1,2-Dichlorobenzene	51.3	10	5	ng	50.0		103	70-130			
1,2,4-Trichlorobenzene	46.2	10	5	ng	50.0		92.4	70-130			
Naphthalene	53.1	25	5	ng	50.0		106	70-130			
1,2,3-Trichlorobenzene	45.4	10	5	ng	50.0		90.8	70-130			
2-Methylnaphthalene	53.2	25	5	ng	50.0		106	70-130			
Surrogate: 1,2-DCA-d4	48.3			ng	50.0		96.5	70-130			
Surrogate: Toluene-d8	48.8			ng	50.0		97.7	70-130			
Surrogate: Bromofluorobenzene	46.9			ng	50.0		93.8	70-130			

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R04 Lab Work Order: 0007324 Reported: 12/06/2023
---	---	--

Organics in Air by EPA TO-17 Using Beacon Sampler - Quality Control Summary

Sequence: B23L005 - Instrument: C System - File ID: C23120125.D

B23L005-CCB1 (Lab Blank)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	<5	10	5	ng							U
1,1-Dichloroethene	<5	10	5	ng							U
Methylene Chloride	<5	10	5	ng							U
1,1,2-Trichlorotrifluoroethane (Fr.113)	<5	10	5	ng							U
trans-1,2-Dichloroethene	<5	10	5	ng							U
Methyl-t-butyl ether	<10	25	10	ng							U
1,1-Dichloroethane	<5	10	5	ng							U
cis-1,2-Dichloroethene	<5	10	5	ng							U
Chloroform	<5	10	5	ng							U
1,2-Dichloroethane	<5	10	5	ng							U
1,1,1-Trichloroethane	<5	10	5	ng							U
Carbon Tetrachloride	<5	10	5	ng							U
Benzene	<10	25	10	ng							U
Trichloroethene	<5	10	5	ng							U
1,4-Dioxane	<5	10	5	ng							U
1,1,2-Trichloroethane	<5	10	5	ng							U
Toluene	<10	25	10	ng							U
1,2-Dibromoethane (EDB)	<5	10	5	ng							U
Tetrachloroethene	<5	10	5	ng							U
1,1,1,2-Tetrachloroethane	<5	10	5	ng							U
Chlorobenzene	<5	10	5	ng							U
Ethylbenzene	<10	25	10	ng							U
p & m-Xylene	<10	25	10	ng							U
o-Xylene	<10	25	10	ng							U
1,2,3-Trichloropropane	<5	10	5	ng							U
Isopropylbenzene	<10	25	10	ng							U
1,3,5-Trimethylbenzene	<10	25	10	ng							U
1,2,4-Trimethylbenzene	<10	25	10	ng							U
1,3-Dichlorobenzene	<5	10	5	ng							U
1,4-Dichlorobenzene	<5	10	5	ng							U
1,2-Dichlorobenzene	<5	10	5	ng							U
1,2,4-Trichlorobenzene	<5	10	5	ng							U
Naphthalene	<5	25	5	ng							U
1,2,3-Trichlorobenzene	<5	10	5	ng							U
2-Methylnaphthalene	<5	25	5	ng							U
<i>Surrogate: 1,2-DCA-d4</i>	<i>99.3</i>			<i>ng</i>	<i>100</i>		<i>99.3</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>93.9</i>			<i>ng</i>	<i>100</i>		<i>93.9</i>	<i>70-130</i>			
<i>Surrogate: Bromofluorobenzene</i>	<i>95.1</i>			<i>ng</i>	<i>100</i>		<i>95.1</i>	<i>70-130</i>			

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R04 Lab Work Order: 0007324 Reported: 12/06/2023
---	---	--

TO-17 (Passive) - LCS/LCSD RPD Quality Control Summary

LCS: 23K0075-BS1 File ID: C23113003.D
LCSD: B23K090-ICV1 File ID: C23113005.D

Analyzed: 11/30/23 14:17
Analyzed: 11/30/23 13:31

Analyte	CAS#	LCS Result (ng)	%REC	Spike Level (ng)	LCSD Result (ng)	%REC	%REC Limits	RPD	RPD Limit	Q
Vinyl Chloride	75-01-4	56.54	113.08	50	63.56	127.00	70-130	11.69	30	
1,1-Dichloroethene	75-35-4	43.11	86.22	50	48.3	96.60	70-130	11.36	30	
Methylene Chloride	75-09-2	44.69	89.38	50	48.83	97.70	70-130	8.85	30	
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	45.42	90.84	50	50.38	101.00	70-130	10.35	30	
trans-1,2-Dichloroethene	156-60-5	47.95	95.9	50	49.12	98.20	70-130	2.41	30	
Methyl-t-butyl ether	1634-04-4	48.05	96.1	50	39.68	79.40	70-130	19.08	30	
1,1-Dichloroethane	75-34-3	46.36	92.72	50	50.01	100.00	70-130	7.57	30	
cis-1,2-Dichloroethene	156-59-2	46.84	93.68	50	46.85	93.70	70-130	0.02	30	
Chloroform	67-66-3	46.54	93.08	50	47.48	95.00	70-130	2.00	30	
1,2-Dichloroethane	107-06-2	46.80	93.6	50	50.98	102.00	70-130	8.55	30	
1,1,1-Trichloroethane	71-55-6	43.95	87.9	50	47.23	94.50	70-130	7.19	30	
Carbon Tetrachloride	56-23-5	46.55	93.1	50	50.28	101.00	70-130	7.70	30	
Benzene	71-43-2	47.36	94.72	50	49.3	98.60	70-130	4.01	30	
Trichloroethene	79-01-6	48.53	97.06	50	49.18	98.40	70-130	1.33	30	
1,4-Dioxane	123-91-1	48.27	96.54	50	49.24	98.50	70-130	1.99	30	
1,1,2-Trichloroethane	79-00-5	50.69	101.38	50	51.33	103.00	70-130	1.25	30	
Toluene	108-88-3	47.76	95.52	50	49.31	98.60	70-130	3.19	30	
1,2-Dibromoethane (EDB)	106-93-4	47.13	94.26	50	49.84	99.70	70-130	5.59	30	
Tetrachloroethene	127-18-4	45.30	90.6	50	46.22	92.40	70-130	2.01	30	
1,1,1,2-Tetrachloroethane	630-20-6	49.43	98.86	50	50.58	101.00	70-130	2.30	30	
Chlorobenzene	108-90-7	47.11	94.22	50	49.83	99.70	70-130	5.61	30	
Ethylbenzene	100-41-4	49.49	98.98	50	52.1	104.00	70-130	5.14	30	
p & m-Xylene	179601-23-1	50.07	100.14	50	51.89	104.00	70-130	3.57	30	
o-Xylene	95-47-6	49.69	99.38	50	52.13	104.00	70-130	4.79	30	
1,2,3-Trichloropropane	96-18-4	51.83	103.66	50	53.28	107.00	70-130	2.76	30	
Isopropylbenzene	98-82-8	46.69	93.38	50	49.01	98.00	70-130	4.85	30	
1,3,5-Trimethylbenzene	108-67-8	52.01	104.02	50	53.7	107.00	70-130	3.20	30	
1,2,4-Trimethylbenzene	95-63-6	51.64	103.28	50	51.98	104.00	70-130	0.66	30	
1,3-Dichlorobenzene	541-73-1	51.06	102.12	50	49.86	99.70	70-130	2.38	30	
1,4-Dichlorobenzene	106-46-7	49.70	99.4	50	49.84	99.70	70-130	0.28	30	
1,2-Dichlorobenzene	95-50-1	50.61	101.22	50	50.88	102.00	70-130	0.53	30	
1,2,4-Trichlorobenzene	120-82-1	43.92	87.84	50	45.75	91.50	70-130	4.08	30	
Naphthalene	91-20-3	50.17	100.34	50	51.03	102.00	70-130	1.70	30	
1,2,3-Trichlorobenzene	87-61-6	43.12	86.24	50	43.38	86.80	70-130	0.60	30	
2-Methylnaphthalene	91-57-6	50.02	100.04	50	50	100.00	70-130	0.04	30	

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R04 Lab Work Order: 0007324 Reported: 12/06/2023
---	---	--

TO-17 (Passive) - LCS/LCSD RPD Quality Control Summary

LCS: 23L0005-BS1 File ID: C23120102.D
LCSD: B23L005-ICV1 File ID: C23120104.D

Analyzed: 12/1/23 13:52
Analyzed: 12/1/23 13:06

Analyte	CAS#	LCS Result (ng)	%REC	Q	Spike Level (ng)	LCSD Result (ng)	%REC	%REC Limits	RPD	RPD Limit	Q
Vinyl Chloride	75-01-4	57.63	115.26		50	61.69	123.00	70-130	6.81	30	
1,1-Dichloroethene	75-35-4	45.15	90.3		50	44.4	88.80	70-130	1.68	30	
Methylene Chloride	75-09-2	44.04	88.08		50	44.01	88.00	70-130	0.07	30	
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	48.73	97.46		50	45.72	91.40	70-130	6.37	30	
trans-1,2-Dichloroethene	156-60-5	47.89	95.78		50	47.15	94.30	70-130	1.56	30	
Methyl-t-butyl ether	1634-04-4	48.32	96.64		50	48.79	97.60	70-130	0.97	30	
1,1-Dichloroethane	75-34-3	47.54	95.08		50	46.97	93.90	70-130	1.21	30	
cis-1,2-Dichloroethene	156-59-2	44.73	89.46		50	44.14	88.30	70-130	1.33	30	
Chloroform	67-66-3	45.07	90.14		50	45.07	90.10	70-130	0.00	30	
1,2-Dichloroethane	107-06-2	48.20	96.4		50	48.31	96.60	70-130	0.23	30	
1,1,1-Trichloroethane	71-55-6	43.51	87.02		50	44.43	88.90	70-130	2.09	30	
Carbon Tetrachloride	56-23-5	48.43	96.86		50	49.94	99.90	70-130	3.07	30	
Benzene	71-43-2	47.20	94.4		50	48.96	97.90	70-130	3.66	30	
Trichloroethene	79-01-6	49.43	98.86		50	48.57	97.10	70-130	1.76	30	
1,4-Dioxane	123-91-1	46.69	93.38		50	47.72	95.40	70-130	2.18	30	
1,1,2-Trichloroethane	79-00-5	50.42	100.84		50	50.59	101.00	70-130	0.34	30	
Toluene	108-88-3	48.46	96.92		50	48.94	97.90	70-130	0.99	30	
1,2-Dibromoethane (EDB)	106-93-4	48.87	97.74		50	48.1	96.20	70-130	1.59	30	
Tetrachloroethene	127-18-4	45.76	91.52		50	44.98	90.00	70-130	1.72	30	
1,1,1,2-Tetrachloroethane	630-20-6	51.01	102.02		50	50.93	102.00	70-130	0.16	30	
Chlorobenzene	108-90-7	49.33	98.66		50	49.17	98.30	70-130	0.32	30	
Ethylbenzene	100-41-4	51.26	102.52		50	51.51	103.00	70-130	0.49	30	
p & m-Xylene	179601-23-1	49.75	99.5		50	51.09	102.00	70-130	2.66	30	
o-Xylene	95-47-6	51.60	103.2		50	51.72	103.00	70-130	0.23	30	
1,2,3-Trichloropropane	96-18-4	52.48	104.96		50	54.6	109.00	70-130	3.96	30	
Isopropylbenzene	98-82-8	46.37	92.74		50	48.75	97.50	70-130	5.00	30	
1,3,5-Trimethylbenzene	108-67-8	54.47	108.94		50	52.6	105.00	70-130	3.49	30	
1,2,4-Trimethylbenzene	95-63-6	51.08	102.16		50	53.02	106.00	70-130	3.73	30	
1,3-Dichlorobenzene	541-73-1	51.36	102.72		50	51.86	104.00	70-130	0.97	30	
1,4-Dichlorobenzene	106-46-7	50.79	101.58		50	49.87	99.70	70-130	1.83	30	
1,2-Dichlorobenzene	95-50-1	51.47	102.94		50	51.9	104.00	70-130	0.83	30	
1,2,4-Trichlorobenzene	120-82-1	45.04	90.08		50	44.78	89.60	70-130	0.58	30	
Naphthalene	91-20-3	50.74	101.48		50	51.16	102.00	70-130	0.82	30	
1,2,3-Trichlorobenzene	87-61-6	44.00	88		50	44.33	88.70	70-130	0.75	30	
2-Methylnaphthalene	91-57-6	52.42	104.84		50	50.39	101.00	70-130	3.95	30	

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Additional QC Information

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R04 Lab Work Order: 0007324 Reported: 12/06/2023
---	---	--

Sample Result Calculation Summary (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	----------------------	---------------------------	---	---------

Lab ID: 0007324-01	Sample Name: 06R_SSG_01_20231120	̄ Temp (°C): 11.40
---------------------------	---	---------------------------

Vinyl Chloride	15,800	1.00	0.803	155.02	12.2	C23113006.D
1,1-Dichloroethene	15,800	1.00	0.327	9.08	1.76	C23113006.D
Methylene Chloride	15,800	1.00	0.347 [§]	51.70	9.43	C23113006.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,800	1.00	0.882 [§]	5.86	0.421	C23113006.D
trans-1,2-Dichloroethene	15,800	1.00	0.436	749.07	109	C23113006.D
Methyl-t-butyl ether	15,800	1.00	0.495 [§]	U	U	C23113006.D
1,1-Dichloroethane	15,800	1.00	0.842	U	U	C23113006.D
cis-1,2-Dichloroethene	15,800	1.00	0.525	3332.69	402	C23113006.D
Chloroform	15,800	1.00	0.347 [§]	241.94	44.2	C23113006.D
1,2-Dichloroethane	15,800	1.00	0.555	U	U	C23113006.D
1,1,1-Trichloroethane	15,800	1.00	1.040	U	U	C23113006.D
Carbon Tetrachloride	15,800	1.00	0.426 [§]	U	U	C23113006.D
Benzene	15,800	1.00	0.525	12.32	1.48	C23113006.D
Trichloroethene	15,800	1.00	0.327	1676.23	324	C23113006.D
1,4-Dioxane	15,800	1.00	0.406 [§]	U	U	C23113006.D
1,1,2-Trichloroethane	15,800	1.00	0.327 [§]	U	U	C23113006.D
Toluene	15,800	1.00	0.396	107.31	17.1	C23113006.D
1,2-Dibromoethane (EDB)	15,800	1.00	0.386 [§]	U	U	C23113006.D
Tetrachloroethene	15,800	23.25	0.406	1276.21	4,620	C23120105.D
1,1,1,2-Tetrachloroethane	15,800	1.00	0.406 [§]	6.33	0.986	C23113006.D
Chlorobenzene	15,800	1.00	0.842 [§]	U	U	C23113006.D
Ethylbenzene	15,800	1.00	0.842	13.50	1.01	C23113006.D
p & m-Xylene	15,800	1.00	0.872	42.24	3.07	C23113006.D
o-Xylene	15,800	1.00	0.872	17.65	1.28	C23113006.D
1,2,3-Trichloropropane	15,800	1.00	0.743 [§]	U	U	C23113006.D
Isopropylbenzene	15,800	1.00	0.822 [§]	U	U	C23113006.D
1,3,5-Trimethylbenzene	15,800	1.00	0.822 [§]	25.70	1.98	C23113006.D
1,2,4-Trimethylbenzene	15,800	1.00	0.822 [§]	97.83	7.53	C23113006.D
1,3-Dichlorobenzene	15,800	1.00	0.743 [§]	U	U	C23113006.D
1,4-Dichlorobenzene	15,800	1.00	0.743 [§]	320.67	27.3	C23113006.D
1,2-Dichlorobenzene	15,800	1.00	0.743 [§]	U	U	C23113006.D
1,2,4-Trichlorobenzene	15,800	1.00	0.386 [§]	U	U	C23113006.D
Naphthalene	15,800	1.00	0.793 [§]	16.32	1.30	C23113006.D
1,2,3-Trichlorobenzene	15,800	1.00	0.386 [§]	U	U	C23113006.D
2-Methylnaphthalene	15,800	1.00	0.753 [§]	18.49	1.55	C23113006.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R04 Lab Work Order: 0007324 Reported: 12/06/2023
---	---	--

Sample Result Calculation Summary (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	----------------------	---------------------------	---	---------

Lab ID: 0007324-02	Sample Name: 06R_SSG_02_20231120	̄ Temp (°C): 11.40
---------------------------	---	---------------------------

Vinyl Chloride	15,771	1.00	0.803	73.14	5.78	C23113007.D
1,1-Dichloroethene	15,771	1.00	0.327	U	U	C23113007.D
Methylene Chloride	15,771	1.00	0.347 [§]	20.93	3.83	C23113007.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,771	1.00	0.882 [§]	U	U	C23113007.D
trans-1,2-Dichloroethene	15,771	1.00	0.436	134.11	19.5	C23113007.D
Methyl-t-butyl ether	15,771	1.00	0.495 [§]	U	U	C23113007.D
1,1-Dichloroethane	15,771	1.00	0.842	U	U	C23113007.D
cis-1,2-Dichloroethene	15,771	1.00	0.525	883.98	107	C23113007.D
Chloroform	15,771	1.00	0.347 [§]	45.16	8.26	C23113007.D
1,2-Dichloroethane	15,771	1.00	0.555	U	U	C23113007.D
1,1,1-Trichloroethane	15,771	1.00	1.040	U	U	C23113007.D
Carbon Tetrachloride	15,771	1.00	0.426 [§]	U	U	C23113007.D
Benzene	15,771	1.00	0.525	U	U	C23113007.D
Trichloroethene	15,771	1.00	0.327	796.96	155	C23113007.D
1,4-Dioxane	15,771	1.00	0.406 [§]	U	U	C23113007.D
1,1,2-Trichloroethane	15,771	1.00	0.327 [§]	U	U	C23113007.D
Toluene	15,771	1.00	0.396	24.24	3.88	C23113007.D
1,2-Dibromoethane (EDB)	15,771	1.00	0.386 [§]	U	U	C23113007.D
Tetrachloroethene	15,771	1.00	0.406	4899.74	765	C23113007.D
1,1,1,2-Tetrachloroethane	15,771	1.00	0.406 [§]	U	U	C23113007.D
Chlorobenzene	15,771	1.00	0.842 [§]	U	U	C23113007.D
Ethylbenzene	15,771	1.00	0.842	U	U	C23113007.D
p & m-Xylene	15,771	1.00	0.872	U	U	C23113007.D
o-Xylene	15,771	1.00	0.872	U	U	C23113007.D
1,2,3-Trichloropropane	15,771	1.00	0.743 [§]	U	U	C23113007.D
Isopropylbenzene	15,771	1.00	0.822 [§]	U	U	C23113007.D
1,3,5-Trimethylbenzene	15,771	1.00	0.822 [§]	U	U	C23113007.D
1,2,4-Trimethylbenzene	15,771	1.00	0.822 [§]	10.62	0.819	C23113007.D
1,3-Dichlorobenzene	15,771	1.00	0.743 [§]	U	U	C23113007.D
1,4-Dichlorobenzene	15,771	1.00	0.743 [§]	67.16	5.73	C23113007.D
1,2-Dichlorobenzene	15,771	1.00	0.743 [§]	U	U	C23113007.D
1,2,4-Trichlorobenzene	15,771	1.00	0.386 [§]	U	U	C23113007.D
Naphthalene	15,771	1.00	0.793 [§]	U	U	C23113007.D
1,2,3-Trichlorobenzene	15,771	1.00	0.386 [§]	U	U	C23113007.D
2-Methylnaphthalene	15,771	1.00	0.753 [§]	6.37	0.536	C23113007.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	----------------------	---------------------------	---	---------

Lab ID: 0007324-03 **Sample Name:** 06R_SSG_03_20231120 **̄ Temp (°C):** 11.40

Vinyl Chloride	15,757	1.00	0.803	66.49	5.26	C23113008.D
1,1-Dichloroethene	15,757	1.00	0.327	U	U	C23113008.D
Methylene Chloride	15,757	1.00	0.347 [§]	27.74	5.08	C23113008.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,757	1.00	0.882 [§]	U	U	C23113008.D
trans-1,2-Dichloroethene	15,757	1.00	0.436	125.09	18.2	C23113008.D
Methyl-t-butyl ether	15,757	1.00	0.495 [§]	U	U	C23113008.D
1,1-Dichloroethane	15,757	1.00	0.842	U	U	C23113008.D
cis-1,2-Dichloroethene	15,757	1.00	0.525	845.04	102	C23113008.D
Chloroform	15,757	1.00	0.347 [§]	276.32	50.6	C23113008.D
1,2-Dichloroethane	15,757	1.00	0.555	U	U	C23113008.D
1,1,1-Trichloroethane	15,757	1.00	1.040	U	U	C23113008.D
Carbon Tetrachloride	15,757	1.00	0.426 [§]	U	U	C23113008.D
Benzene	15,757	1.00	0.525	10.01	1.21	C23113008.D
Trichloroethene	15,757	1.00	0.327	272.15	52.8	C23113008.D
1,4-Dioxane	15,757	1.00	0.406 [§]	31.25	4.88	C23113008.D
1,1,2-Trichloroethane	15,757	1.00	0.327 [§]	U	U	C23113008.D
Toluene	15,757	1.00	0.396	30.60	4.90	C23113008.D
1,2-Dibromoethane (EDB)	15,757	1.00	0.386 [§]	U	U	C23113008.D
Tetrachloroethene	15,757	1.00	0.406	3487.83	545	C23113008.D
1,1,1,2-Tetrachloroethane	15,757	1.00	0.406 [§]	U	U	C23113008.D
Chlorobenzene	15,757	1.00	0.842 [§]	U	U	C23113008.D
Ethylbenzene	15,757	1.00	0.842	U	U	C23113008.D
p & m-Xylene	15,757	1.00	0.872	U	U	C23113008.D
o-Xylene	15,757	1.00	0.872	U	U	C23113008.D
1,2,3-Trichloropropane	15,757	1.00	0.743 [§]	U	U	C23113008.D
Isopropylbenzene	15,757	1.00	0.822 [§]	U	U	C23113008.D
1,3,5-Trimethylbenzene	15,757	1.00	0.822 [§]	U	U	C23113008.D
1,2,4-Trimethylbenzene	15,757	1.00	0.822 [§]	U	U	C23113008.D
1,3-Dichlorobenzene	15,757	1.00	0.743 [§]	U	U	C23113008.D
1,4-Dichlorobenzene	15,757	1.00	0.743 [§]	60.86	5.20	C23113008.D
1,2-Dichlorobenzene	15,757	1.00	0.743 [§]	U	U	C23113008.D
1,2,4-Trichlorobenzene	15,757	1.00	0.386 [§]	U	U	C23113008.D
Naphthalene	15,757	1.00	0.793 [§]	U	U	C23113008.D
1,2,3-Trichlorobenzene	15,757	1.00	0.386 [§]	U	U	C23113008.D
2-Methylnaphthalene	15,757	1.00	0.753 [§]	U	U	C23113008.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	----------------------	---------------------------	---	---------

Lab ID: 0007324-04 **Sample Name:** 06R_SSG_04_20231120 **̄ Temp (°C):** 11.40

Vinyl Chloride	15,739	1.00	0.803	98.52	7.80	C23113009.D
1,1-Dichloroethene	15,739	1.00	0.327	U	U	C23113009.D
Methylene Chloride	15,739	1.00	0.347 [§]	67.15	12.3	C23113009.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,739	1.00	0.882 [§]	5.03	0.362	C23113009.D
trans-1,2-Dichloroethene	15,739	1.00	0.436	236.68	34.5	C23113009.D
Methyl-t-butyl ether	15,739	1.00	0.495 [§]	U	U	C23113009.D
1,1-Dichloroethane	15,739	1.00	0.842	U	U	C23113009.D
cis-1,2-Dichloroethene	15,739	1.00	0.525	1482.37	179	C23113009.D
Chloroform	15,739	1.00	0.347 [§]	505.83	92.7	C23113009.D
1,2-Dichloroethane	15,739	1.00	0.555	U	U	C23113009.D
1,1,1-Trichloroethane	15,739	1.00	1.040	U	U	C23113009.D
Carbon Tetrachloride	15,739	1.00	0.426 [§]	U	U	C23113009.D
Benzene	15,739	1.00	0.525	11.78	1.43	C23113009.D
Trichloroethene	15,739	1.00	0.327	428.72	83.3	C23113009.D
1,4-Dioxane	15,739	1.00	0.406 [§]	U	U	C23113009.D
1,1,2-Trichloroethane	15,739	1.00	0.327 [§]	U	U	C23113009.D
Toluene	15,739	1.00	0.396	74.60	12.0	C23113009.D
1,2-Dibromoethane (EDB)	15,739	1.00	0.386 [§]	U	U	C23113009.D
Tetrachloroethene	15,739	1.00	0.406	4562.52	714	C23113009.D
1,1,1,2-Tetrachloroethane	15,739	1.00	0.406 [§]	U	U	C23113009.D
Chlorobenzene	15,739	1.00	0.842 [§]	U	U	C23113009.D
Ethylbenzene	15,739	1.00	0.842	U	U	C23113009.D
p & m-Xylene	15,739	1.00	0.872	12.78	0.931	C23113009.D
o-Xylene	15,739	1.00	0.872	U	U	C23113009.D
1,2,3-Trichloropropane	15,739	1.00	0.743 [§]	U	U	C23113009.D
Isopropylbenzene	15,739	1.00	0.822 [§]	U	U	C23113009.D
1,3,5-Trimethylbenzene	15,739	1.00	0.822 [§]	U	U	C23113009.D
1,2,4-Trimethylbenzene	15,739	1.00	0.822 [§]	17.08	1.32	C23113009.D
1,3-Dichlorobenzene	15,739	1.00	0.743 [§]	U	U	C23113009.D
1,4-Dichlorobenzene	15,739	1.00	0.743 [§]	205.83	17.6	C23113009.D
1,2-Dichlorobenzene	15,739	1.00	0.743 [§]	U	U	C23113009.D
1,2,4-Trichlorobenzene	15,739	1.00	0.386 [§]	U	U	C23113009.D
Naphthalene	15,739	1.00	0.793 [§]	7.99	0.640	C23113009.D
1,2,3-Trichlorobenzene	15,739	1.00	0.386 [§]	U	U	C23113009.D
2-Methylnaphthalene	15,739	1.00	0.753 [§]	11.01	0.929	C23113009.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	----------------------	---------------------------	---	---------

Lab ID: 0007324-05 **Sample Name:** 06R_SSG_05_20231120 **̄ Temp (°C):** 11.40

Vinyl Chloride	15,596	1.00	0.803	17.71	1.41	C23113010.D
1,1-Dichloroethene	15,596	1.00	0.327	74.24	14.6	C23113010.D
Methylene Chloride	15,596	1.00	0.347 [§]	19.95	3.69	C23113010.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,596	1.00	0.882 [§]	U	U	C23113010.D
trans-1,2-Dichloroethene	15,596	1.00	0.436	153.37	22.6	C23113010.D
Methyl-t-butyl ether	15,596	1.00	0.495 [§]	U	U	C23113010.D
1,1-Dichloroethane	15,596	1.00	0.842	U	U	C23113010.D
cis-1,2-Dichloroethene	15,596	1.00	0.525	491.80	60.0	C23113010.D
Chloroform	15,596	1.00	0.347 [§]	70.51	13.0	C23113010.D
1,2-Dichloroethane	15,596	1.00	0.555	U	U	C23113010.D
1,1,1-Trichloroethane	15,596	1.00	1.040	10.30	0.635	C23113010.D
Carbon Tetrachloride	15,596	1.00	0.426 [§]	U	U	C23113010.D
Benzene	15,596	1.00	0.525	13.48	1.65	C23113010.D
Trichloroethene	15,596	1.00	0.327	6304.73	1,240	C23113010.D
1,4-Dioxane	15,596	1.00	0.406 [§]	U	U	C23113010.D
1,1,2-Trichloroethane	15,596	1.00	0.327 [§]	U	U	C23113010.D
Toluene	15,596	1.00	0.396	32.79	5.30	C23113010.D
1,2-Dibromoethane (EDB)	15,596	1.00	0.386 [§]	U	U	C23113010.D
Tetrachloroethene	15,596	23.25	0.406	6155.36	22,600	C23113028.D
1,1,1,2-Tetrachloroethane	15,596	1.00	0.406 [§]	U	U	C23113010.D
Chlorobenzene	15,596	1.00	0.842 [§]	U	U	C23113010.D
Ethylbenzene	15,596	1.00	0.842	18.53	1.41	C23113010.D
p & m-Xylene	15,596	1.00	0.872	69.79	5.13	C23113010.D
o-Xylene	15,596	1.00	0.872	33.91	2.49	C23113010.D
1,2,3-Trichloropropane	15,596	1.00	0.743 [§]	U	U	C23113010.D
Isopropylbenzene	15,596	1.00	0.822 [§]	U	U	C23113010.D
1,3,5-Trimethylbenzene	15,596	1.00	0.822 [§]	42.82	3.34	C23113010.D
1,2,4-Trimethylbenzene	15,596	1.00	0.822 [§]	130.39	10.2	C23113010.D
1,3-Dichlorobenzene	15,596	1.00	0.743 [§]	U	U	C23113010.D
1,4-Dichlorobenzene	15,596	1.00	0.743 [§]	22.80	1.97	C23113010.D
1,2-Dichlorobenzene	15,596	1.00	0.743 [§]	U	U	C23113010.D
1,2,4-Trichlorobenzene	15,596	1.00	0.386 [§]	U	U	C23113010.D
Naphthalene	15,596	1.00	0.793 [§]	5.95	0.481	C23113010.D
1,2,3-Trichlorobenzene	15,596	1.00	0.386 [§]	U	U	C23113010.D
2-Methylnaphthalene	15,596	1.00	0.753 [§]	U	U	C23113010.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	----------------------	---------------------------	---	---------

Lab ID: 0007324-06 **Sample Name:** 06R_SSG_06_20231120 **̄ Temp (°C):** 11.40

Vinyl Chloride	15,582	1.00	0.803	U	U	C23113011.D
1,1-Dichloroethene	15,582	1.00	0.327	U	U	C23113011.D
Methylene Chloride	15,582	1.00	0.347 ^g	U	U	C23113011.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,582	1.00	0.882 ^g	U	U	C23113011.D
trans-1,2-Dichloroethene	15,582	1.00	0.436	9.02	1.33	C23113011.D
Methyl-t-butyl ether	15,582	1.00	0.495 ^g	U	U	C23113011.D
1,1-Dichloroethane	15,582	1.00	0.842	U	U	C23113011.D
cis-1,2-Dichloroethene	15,582	1.00	0.525	43.51	5.32	C23113011.D
Chloroform	15,582	1.00	0.347 ^g	10.76	1.99	C23113011.D
1,2-Dichloroethane	15,582	1.00	0.555	U	U	C23113011.D
1,1,1-Trichloroethane	15,582	1.00	1.040	U	U	C23113011.D
Carbon Tetrachloride	15,582	1.00	0.426 ^g	U	U	C23113011.D
Benzene	15,582	1.00	0.525	141.90	17.3	C23113011.D
Trichloroethene	15,582	1.00	0.327	29.50	5.79	C23113011.D
1,4-Dioxane	15,582	23.25	0.406 ^g	54.77	201	C23120106.D
1,1,2-Trichloroethane	15,582	1.00	0.327 ^g	U	U	C23113011.D
Toluene	15,582	1.00	0.396	U	U	C23113011.D
1,2-Dibromoethane (EDB)	15,582	1.00	0.386 ^g	U	U	C23113011.D
Tetrachloroethene	15,582	1.00	0.406	262.85	41.5	C23113011.D
1,1,1,2-Tetrachloroethane	15,582	1.00	0.406 ^g	U	U	C23113011.D
Chlorobenzene	15,582	1.00	0.842 ^g	U	U	C23113011.D
Ethylbenzene	15,582	1.00	0.842	U	U	C23113011.D
p & m-Xylene	15,582	1.00	0.872	U	U	C23113011.D
o-Xylene	15,582	1.00	0.872	U	U	C23113011.D
1,2,3-Trichloropropane	15,582	1.00	0.743 ^g	U	U	C23113011.D
Isopropylbenzene	15,582	1.00	0.822 ^g	U	U	C23113011.D
1,3,5-Trimethylbenzene	15,582	1.00	0.822 ^g	U	U	C23113011.D
1,2,4-Trimethylbenzene	15,582	1.00	0.822 ^g	U	U	C23113011.D
1,3-Dichlorobenzene	15,582	1.00	0.743 ^g	U	U	C23113011.D
1,4-Dichlorobenzene	15,582	1.00	0.743 ^g	U	U	C23113011.D
1,2-Dichlorobenzene	15,582	1.00	0.743 ^g	U	U	C23113011.D
1,2,4-Trichlorobenzene	15,582	1.00	0.386 ^g	U	U	C23113011.D
Naphthalene	15,582	1.00	0.793 ^g	U	U	C23113011.D
1,2,3-Trichlorobenzene	15,582	1.00	0.386 ^g	U	U	C23113011.D
2-Methylnaphthalene	15,582	1.00	0.753 ^g	U	U	C23113011.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	----------------------	---------------------------	---	---------

Lab ID: 0007324-07 **Sample Name:** 06R_SSG_07_20231120 **̄ Temp (°C):** 11.40

Vinyl Chloride	15,548	1.00	0.803	U	U	C23113012.D
1,1-Dichloroethene	15,548	1.00	0.327	U	U	C23113012.D
Methylene Chloride	15,548	1.00	0.347 [§]	54.16	10.0	C23113012.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,548	1.00	0.882 [§]	5.51	0.402	C23113012.D
trans-1,2-Dichloroethene	15,548	1.00	0.436	U	U	C23113012.D
Methyl-t-butyl ether	15,548	1.00	0.495 [§]	U	U	C23113012.D
1,1-Dichloroethane	15,548	1.00	0.842	U	U	C23113012.D
cis-1,2-Dichloroethene	15,548	1.00	0.525	U	U	C23113012.D
Chloroform	15,548	1.00	0.347 [§]	24.60	4.56	C23113012.D
1,2-Dichloroethane	15,548	1.00	0.555	U	U	C23113012.D
1,1,1-Trichloroethane	15,548	1.00	1.040	7.52	0.465	C23113012.D
Carbon Tetrachloride	15,548	1.00	0.426 [§]	U	U	C23113012.D
Benzene	15,548	1.00	0.525	14.48	1.77	C23113012.D
Trichloroethene	15,548	1.00	0.327	6.34	1.25	C23113012.D
1,4-Dioxane	15,548	1.00	0.406 [§]	U	U	C23113012.D
1,1,2-Trichloroethane	15,548	1.00	0.327 [§]	U	U	C23113012.D
Toluene	15,548	1.00	0.396	19.57	3.18	C23113012.D
1,2-Dibromoethane (EDB)	15,548	1.00	0.386 [§]	U	U	C23113012.D
Tetrachloroethene	15,548	1.00	0.406	72.39	11.5	C23113012.D
1,1,1,2-Tetrachloroethane	15,548	1.00	0.406 [§]	U	U	C23113012.D
Chlorobenzene	15,548	1.00	0.842 [§]	U	U	C23113012.D
Ethylbenzene	15,548	1.00	0.842	U	U	C23113012.D
p & m-Xylene	15,548	1.00	0.872	13.45	0.992	C23113012.D
o-Xylene	15,548	1.00	0.872	U	U	C23113012.D
1,2,3-Trichloropropane	15,548	1.00	0.743 [§]	U	U	C23113012.D
Isopropylbenzene	15,548	1.00	0.822 [§]	U	U	C23113012.D
1,3,5-Trimethylbenzene	15,548	1.00	0.822 [§]	U	U	C23113012.D
1,2,4-Trimethylbenzene	15,548	1.00	0.822 [§]	U	U	C23113012.D
1,3-Dichlorobenzene	15,548	1.00	0.743 [§]	U	U	C23113012.D
1,4-Dichlorobenzene	15,548	1.00	0.743 [§]	U	U	C23113012.D
1,2-Dichlorobenzene	15,548	1.00	0.743 [§]	U	U	C23113012.D
1,2,4-Trichlorobenzene	15,548	1.00	0.386 [§]	U	U	C23113012.D
Naphthalene	15,548	1.00	0.793 [§]	U	U	C23113012.D
1,2,3-Trichlorobenzene	15,548	1.00	0.386 [§]	U	U	C23113012.D
2-Methylnaphthalene	15,548	1.00	0.753 [§]	U	U	C23113012.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233**Site Name:** Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer**Beacon Proposal:** 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Calculations:

$$C = \frac{1000 \times M \times DF}{U_c \times t}$$

$$U_c = U * \left(\frac{T_s + 273.15}{T_u + 273.15} \right)^{1/2}$$

where: C = concentration ($\mu\text{g}/\text{m}^3$)
M = mass (ng)
DF = dilution factor
U_c = uptake rate (ml/min), corrected
t = sampling time (minutes)
U = compound specific uptake rate
T_u = uptake rate study temperature
T_s = sample average temperature

Note: T_u is 16.65°C

g = Uptake rate determined using Graham's Law of Diffusion.

Reference: Federal Register/Vol. 79, No. 125/June 30, 2014

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R04 Lab Work Order: 0007324 Reported: 12/06/2023
---	---	--

Method Detection and Reporting Limit Calculations (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial (ng)		C Calculated (µg/m³)	
				LOQ	LOD	LOQ	LOD

Lab ID: 0007324-01	Sample Name: 06R_SSG_01_20231120	̄ Temp (°C): 11.40
---------------------------	---	---------------------------

Vinyl Chloride	15,800	1.00	0.803	10.00	5.00	0.789	0.394
1,1-Dichloroethene	15,800	1.00	0.327	10.00	5.00	1.94	0.968
Methylene Chloride	15,800	1.00	0.347	10.00	5.00	1.82	0.912
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,800	1.00	0.882	10.00	5.00	0.718	0.359
trans-1,2-Dichloroethene	15,800	1.00	0.436	10.00	5.00	1.45	0.726
Methyl-t-butyl ether	15,800	1.00	0.495	25.00	10.00	3.19	1.28
1,1-Dichloroethane	15,800	1.00	0.842	10.00	5.00	0.751	0.376
cis-1,2-Dichloroethene	15,800	1.00	0.525	10.00	5.00	1.21	0.603
Chloroform	15,800	1.00	0.347	10.00	5.00	1.82	0.912
1,2-Dichloroethane	15,800	1.00	0.555	10.00	5.00	1.14	0.570
1,1,1-Trichloroethane	15,800	1.00	1.040	10.00	5.00	0.608	0.304
Carbon Tetrachloride	15,800	1.00	0.426	10.00	5.00	1.49	0.743
Benzene	15,800	1.00	0.525	25.00	10.00	3.01	1.21
Trichloroethene	15,800	1.00	0.327	10.00	5.00	1.94	0.968
1,4-Dioxane	15,800	1.00	0.406	10.00	5.00	1.56	0.779
1,1,2-Trichloroethane	15,800	1.00	0.327	10.00	5.00	1.94	0.968
Toluene	15,800	1.00	0.396	25.00	10.00	3.99	1.60
1,2-Dibromoethane (EDB)	15,800	1.00	0.386	10.00	5.00	1.64	0.819
Tetrachloroethene	15,800	23.25	0.406	10.00	5.00	36.2	18.1
1,1,1,2-Tetrachloroethane	15,800	1.00	0.406	10.00	5.00	1.56	0.779
Chlorobenzene	15,800	1.00	0.842	10.00	5.00	0.751	0.376
Ethylbenzene	15,800	1.00	0.842	25.00	10.00	1.88	0.751
p & m-Xylene	15,800	1.00	0.872	25.00	10.00	1.81	0.726
o-Xylene	15,800	1.00	0.872	25.00	10.00	1.81	0.726
1,2,3-Trichloropropane	15,800	1.00	0.743	10.00	5.00	0.852	0.426
Isopropylbenzene	15,800	1.00	0.822	25.00	10.00	1.92	0.770
1,3,5-Trimethylbenzene	15,800	1.00	0.822	25.00	10.00	1.92	0.770
1,2,4-Trimethylbenzene	15,800	1.00	0.822	25.00	10.00	1.92	0.770
1,3-Dichlorobenzene	15,800	1.00	0.743	10.00	5.00	0.852	0.426
1,4-Dichlorobenzene	15,800	1.00	0.743	10.00	5.00	0.852	0.426
1,2-Dichlorobenzene	15,800	1.00	0.743	10.00	5.00	0.852	0.426
1,2,4-Trichlorobenzene	15,800	1.00	0.386	10.00	5.00	1.64	0.819
Naphthalene	15,800	1.00	0.793	25.00	5.00	2.00	0.399
1,2,3-Trichlorobenzene	15,800	1.00	0.386	10.00	5.00	1.64	0.819
2-Methylnaphthalene	15,800	1.00	0.753	25.00	5.00	2.10	0.420

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial (ng)		C Calculated (µg/m³)	
				LOQ	LOD	LOQ	LOD

Lab ID: 0007324-02 **Sample Name:** 06R_SSG_02_20231120 **̄ Temp (°C):** 11.40

Vinyl Chloride	15,771	1.00	0.803	10.00	5.00	0.790	0.395
1,1-Dichloroethene	15,771	1.00	0.327	10.00	5.00	1.94	0.970
Methylene Chloride	15,771	1.00	0.347	10.00	5.00	1.83	0.914
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,771	1.00	0.882	10.00	5.00	0.719	0.359
trans-1,2-Dichloroethene	15,771	1.00	0.436	10.00	5.00	1.45	0.727
Methyl-t-butyl ether	15,771	1.00	0.495	25.00	10.00	3.20	1.28
1,1-Dichloroethane	15,771	1.00	0.842	10.00	5.00	0.753	0.376
cis-1,2-Dichloroethene	15,771	1.00	0.525	10.00	5.00	1.21	0.604
Chloroform	15,771	1.00	0.347	10.00	5.00	1.83	0.914
1,2-Dichloroethane	15,771	1.00	0.555	10.00	5.00	1.14	0.571
1,1,1-Trichloroethane	15,771	1.00	1.040	10.00	5.00	0.609	0.305
Carbon Tetrachloride	15,771	1.00	0.426	10.00	5.00	1.49	0.744
Benzene	15,771	1.00	0.525	25.00	10.00	3.02	1.21
Trichloroethene	15,771	1.00	0.327	10.00	5.00	1.94	0.970
1,4-Dioxane	15,771	1.00	0.406	10.00	5.00	1.56	0.780
1,1,2-Trichloroethane	15,771	1.00	0.327	10.00	5.00	1.94	0.970
Toluene	15,771	1.00	0.396	25.00	10.00	4.00	1.60
1,2-Dibromoethane (EDB)	15,771	1.00	0.386	10.00	5.00	1.64	0.820
Tetrachloroethene	15,771	1.00	0.406	10.00	5.00	1.56	0.780
1,1,1,2-Tetrachloroethane	15,771	1.00	0.406	10.00	5.00	1.56	0.780
Chlorobenzene	15,771	1.00	0.842	10.00	5.00	0.753	0.376
Ethylbenzene	15,771	1.00	0.842	25.00	10.00	1.88	0.753
p & m-Xylene	15,771	1.00	0.872	25.00	10.00	1.82	0.727
o-Xylene	15,771	1.00	0.872	25.00	10.00	1.82	0.727
1,2,3-Trichloropropane	15,771	1.00	0.743	10.00	5.00	0.853	0.427
Isopropylbenzene	15,771	1.00	0.822	25.00	10.00	1.93	0.771
1,3,5-Trimethylbenzene	15,771	1.00	0.822	25.00	10.00	1.93	0.771
1,2,4-Trimethylbenzene	15,771	1.00	0.822	25.00	10.00	1.93	0.771
1,3-Dichlorobenzene	15,771	1.00	0.743	10.00	5.00	0.853	0.427
1,4-Dichlorobenzene	15,771	1.00	0.743	10.00	5.00	0.853	0.427
1,2-Dichlorobenzene	15,771	1.00	0.743	10.00	5.00	0.853	0.427
1,2,4-Trichlorobenzene	15,771	1.00	0.386	10.00	5.00	1.64	0.820
Naphthalene	15,771	1.00	0.793	25.00	5.00	2.00	0.400
1,2,3-Trichlorobenzene	15,771	1.00	0.386	10.00	5.00	1.64	0.820
2-Methylnaphthalene	15,771	1.00	0.753	25.00	5.00	2.10	0.421

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R04 Lab Work Order: 0007324 Reported: 12/06/2023
---	---	--

Method Detection and Reporting Limit Calculations (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial (ng)		C Calculated (µg/m³)	
				LOQ	LOD	LOQ	LOD

Lab ID: 0007324-03	Sample Name: 06R_SSG_03_20231120	̄ Temp (°C): 11.40
---------------------------	---	---------------------------

Vinyl Chloride	15,757	1.00	0.803	10.00	5.00	0.791	0.395
1,1-Dichloroethene	15,757	1.00	0.327	10.00	5.00	1.94	0.970
Methylene Chloride	15,757	1.00	0.347	10.00	5.00	1.83	0.915
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,757	1.00	0.882	10.00	5.00	0.720	0.360
trans-1,2-Dichloroethene	15,757	1.00	0.436	10.00	5.00	1.46	0.728
Methyl-t-butyl ether	15,757	1.00	0.495	25.00	10.00	3.20	1.28
1,1-Dichloroethane	15,757	1.00	0.842	10.00	5.00	0.753	0.377
cis-1,2-Dichloroethene	15,757	1.00	0.525	10.00	5.00	1.21	0.604
Chloroform	15,757	1.00	0.347	10.00	5.00	1.83	0.915
1,2-Dichloroethane	15,757	1.00	0.555	10.00	5.00	1.14	0.572
1,1,1-Trichloroethane	15,757	1.00	1.040	10.00	5.00	0.610	0.305
Carbon Tetrachloride	15,757	1.00	0.426	10.00	5.00	1.49	0.745
Benzene	15,757	1.00	0.525	25.00	10.00	3.02	1.21
Trichloroethene	15,757	1.00	0.327	10.00	5.00	1.94	0.970
1,4-Dioxane	15,757	1.00	0.406	10.00	5.00	1.56	0.781
1,1,2-Trichloroethane	15,757	1.00	0.327	10.00	5.00	1.94	0.970
Toluene	15,757	1.00	0.396	25.00	10.00	4.00	1.60
1,2-Dibromoethane (EDB)	15,757	1.00	0.386	10.00	5.00	1.64	0.821
Tetrachloroethene	15,757	1.00	0.406	10.00	5.00	1.56	0.781
1,1,1,2-Tetrachloroethane	15,757	1.00	0.406	10.00	5.00	1.56	0.781
Chlorobenzene	15,757	1.00	0.842	10.00	5.00	0.753	0.377
Ethylbenzene	15,757	1.00	0.842	25.00	10.00	1.88	0.753
p & m-Xylene	15,757	1.00	0.872	25.00	10.00	1.82	0.728
o-Xylene	15,757	1.00	0.872	25.00	10.00	1.82	0.728
1,2,3-Trichloropropane	15,757	1.00	0.743	10.00	5.00	0.854	0.427
Isopropylbenzene	15,757	1.00	0.822	25.00	10.00	1.93	0.772
1,3,5-Trimethylbenzene	15,757	1.00	0.822	25.00	10.00	1.93	0.772
1,2,4-Trimethylbenzene	15,757	1.00	0.822	25.00	10.00	1.93	0.772
1,3-Dichlorobenzene	15,757	1.00	0.743	10.00	5.00	0.854	0.427
1,4-Dichlorobenzene	15,757	1.00	0.743	10.00	5.00	0.854	0.427
1,2-Dichlorobenzene	15,757	1.00	0.743	10.00	5.00	0.854	0.427
1,2,4-Trichlorobenzene	15,757	1.00	0.386	10.00	5.00	1.64	0.821
Naphthalene	15,757	1.00	0.793	25.00	5.00	2.00	0.400
1,2,3-Trichlorobenzene	15,757	1.00	0.386	10.00	5.00	1.64	0.821
2-Methylnaphthalene	15,757	1.00	0.753	25.00	5.00	2.11	0.421

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R04 Lab Work Order: 0007324 Reported: 12/06/2023
---	---	--

Method Detection and Reporting Limit Calculations (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial (ng)		C Calculated (µg/m³)	
				LOQ	LOD	LOQ	LOD

Lab ID: 0007324-04	Sample Name: 06R_SSG_04_20231120	̄ Temp (°C): 11.40
---------------------------	---	---------------------------

Vinyl Chloride	15,739	1.00	0.803	10.00	5.00	0.792	0.396
1,1-Dichloroethene	15,739	1.00	0.327	10.00	5.00	1.94	0.972
Methylene Chloride	15,739	1.00	0.347	10.00	5.00	1.83	0.916
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,739	1.00	0.882	10.00	5.00	0.720	0.360
trans-1,2-Dichloroethene	15,739	1.00	0.436	10.00	5.00	1.46	0.729
Methyl-t-butyl ether	15,739	1.00	0.495	25.00	10.00	3.21	1.28
1,1-Dichloroethane	15,739	1.00	0.842	10.00	5.00	0.754	0.377
cis-1,2-Dichloroethene	15,739	1.00	0.525	10.00	5.00	1.21	0.605
Chloroform	15,739	1.00	0.347	10.00	5.00	1.83	0.916
1,2-Dichloroethane	15,739	1.00	0.555	10.00	5.00	1.14	0.572
1,1,1-Trichloroethane	15,739	1.00	1.040	10.00	5.00	0.611	0.305
Carbon Tetrachloride	15,739	1.00	0.426	10.00	5.00	1.49	0.746
Benzene	15,739	1.00	0.525	25.00	10.00	3.02	1.21
Trichloroethene	15,739	1.00	0.327	10.00	5.00	1.94	0.972
1,4-Dioxane	15,739	1.00	0.406	10.00	5.00	1.56	0.782
1,1,2-Trichloroethane	15,739	1.00	0.327	10.00	5.00	1.94	0.972
Toluene	15,739	1.00	0.396	25.00	10.00	4.01	1.60
1,2-Dibromoethane (EDB)	15,739	1.00	0.386	10.00	5.00	1.64	0.822
Tetrachloroethene	15,739	1.00	0.406	10.00	5.00	1.56	0.782
1,1,1,2-Tetrachloroethane	15,739	1.00	0.406	10.00	5.00	1.56	0.782
Chlorobenzene	15,739	1.00	0.842	10.00	5.00	0.754	0.377
Ethylbenzene	15,739	1.00	0.842	25.00	10.00	1.89	0.754
p & m-Xylene	15,739	1.00	0.872	25.00	10.00	1.82	0.729
o-Xylene	15,739	1.00	0.872	25.00	10.00	1.82	0.729
1,2,3-Trichloropropane	15,739	1.00	0.743	10.00	5.00	0.855	0.427
Isopropylbenzene	15,739	1.00	0.822	25.00	10.00	1.93	0.773
1,3,5-Trimethylbenzene	15,739	1.00	0.822	25.00	10.00	1.93	0.773
1,2,4-Trimethylbenzene	15,739	1.00	0.822	25.00	10.00	1.93	0.773
1,3-Dichlorobenzene	15,739	1.00	0.743	10.00	5.00	0.855	0.427
1,4-Dichlorobenzene	15,739	1.00	0.743	10.00	5.00	0.855	0.427
1,2-Dichlorobenzene	15,739	1.00	0.743	10.00	5.00	0.855	0.427
1,2,4-Trichlorobenzene	15,739	1.00	0.386	10.00	5.00	1.64	0.822
Naphthalene	15,739	1.00	0.793	25.00	5.00	2.00	0.401
1,2,3-Trichlorobenzene	15,739	1.00	0.386	10.00	5.00	1.64	0.822
2-Methylnaphthalene	15,739	1.00	0.753	25.00	5.00	2.11	0.422

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial (ng)		C Calculated (µg/m³)	
				LOQ	LOD	LOQ	LOD

Lab ID: 0007324-05 **Sample Name:** 06R_SSG_05_20231120 **̄ Temp (°C):** 11.40

Vinyl Chloride	15,596	1.00	0.803	10.00	5.00	0.799	0.399
1,1-Dichloroethene	15,596	1.00	0.327	10.00	5.00	1.96	0.980
Methylene Chloride	15,596	1.00	0.347	10.00	5.00	1.85	0.924
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,596	1.00	0.882	10.00	5.00	0.727	0.364
trans-1,2-Dichloroethene	15,596	1.00	0.436	10.00	5.00	1.47	0.735
Methyl-t-butyl ether	15,596	1.00	0.495	25.00	10.00	3.24	1.29
1,1-Dichloroethane	15,596	1.00	0.842	10.00	5.00	0.761	0.381
cis-1,2-Dichloroethene	15,596	1.00	0.525	10.00	5.00	1.22	0.610
Chloroform	15,596	1.00	0.347	10.00	5.00	1.85	0.924
1,2-Dichloroethane	15,596	1.00	0.555	10.00	5.00	1.16	0.578
1,1,1-Trichloroethane	15,596	1.00	1.040	10.00	5.00	0.616	0.308
Carbon Tetrachloride	15,596	1.00	0.426	10.00	5.00	1.50	0.752
Benzene	15,596	1.00	0.525	25.00	10.00	3.05	1.22
Trichloroethene	15,596	1.00	0.327	10.00	5.00	1.96	0.980
1,4-Dioxane	15,596	1.00	0.406	10.00	5.00	1.58	0.789
1,1,2-Trichloroethane	15,596	1.00	0.327	10.00	5.00	1.96	0.980
Toluene	15,596	1.00	0.396	25.00	10.00	4.04	1.62
1,2-Dibromoethane (EDB)	15,596	1.00	0.386	10.00	5.00	1.66	0.830
Tetrachloroethene	15,596	23.25	0.406	10.00	5.00	36.7	18.3
1,1,1,2-Tetrachloroethane	15,596	1.00	0.406	10.00	5.00	1.58	0.789
Chlorobenzene	15,596	1.00	0.842	10.00	5.00	0.761	0.381
Ethylbenzene	15,596	1.00	0.842	25.00	10.00	1.90	0.761
p & m-Xylene	15,596	1.00	0.872	25.00	10.00	1.84	0.735
o-Xylene	15,596	1.00	0.872	25.00	10.00	1.84	0.735
1,2,3-Trichloropropane	15,596	1.00	0.743	10.00	5.00	0.863	0.431
Isopropylbenzene	15,596	1.00	0.822	25.00	10.00	1.95	0.780
1,3,5-Trimethylbenzene	15,596	1.00	0.822	25.00	10.00	1.95	0.780
1,2,4-Trimethylbenzene	15,596	1.00	0.822	25.00	10.00	1.95	0.780
1,3-Dichlorobenzene	15,596	1.00	0.743	10.00	5.00	0.863	0.431
1,4-Dichlorobenzene	15,596	1.00	0.743	10.00	5.00	0.863	0.431
1,2-Dichlorobenzene	15,596	1.00	0.743	10.00	5.00	0.863	0.431
1,2,4-Trichlorobenzene	15,596	1.00	0.386	10.00	5.00	1.66	0.830
Naphthalene	15,596	1.00	0.793	25.00	5.00	2.02	0.404
1,2,3-Trichlorobenzene	15,596	1.00	0.386	10.00	5.00	1.66	0.830
2-Methylnaphthalene	15,596	1.00	0.753	25.00	5.00	2.13	0.426

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial (ng)		C Calculated (µg/m³)	
				LOQ	LOD	LOQ	LOD

Lab ID: 0007324-06 **Sample Name:** 06R_SSG_06_20231120 **̄ Temp (°C):** 11.40

Vinyl Chloride	15,582	1.00	0.803	10.00	5.00	0.800	0.400
1,1-Dichloroethene	15,582	1.00	0.327	10.00	5.00	1.96	0.981
Methylene Chloride	15,582	1.00	0.347	10.00	5.00	1.85	0.925
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,582	1.00	0.882	10.00	5.00	0.728	0.364
trans-1,2-Dichloroethene	15,582	1.00	0.436	10.00	5.00	1.47	0.736
Methyl-t-butyl ether	15,582	1.00	0.495	25.00	10.00	3.24	1.30
1,1-Dichloroethane	15,582	1.00	0.842	10.00	5.00	0.762	0.381
cis-1,2-Dichloroethene	15,582	1.00	0.525	10.00	5.00	1.22	0.611
Chloroform	15,582	1.00	0.347	10.00	5.00	1.85	0.925
1,2-Dichloroethane	15,582	1.00	0.555	10.00	5.00	1.16	0.578
1,1,1-Trichloroethane	15,582	1.00	1.040	10.00	5.00	0.617	0.308
Carbon Tetrachloride	15,582	1.00	0.426	10.00	5.00	1.51	0.753
Benzene	15,582	1.00	0.525	25.00	10.00	3.05	1.22
Trichloroethene	15,582	1.00	0.327	10.00	5.00	1.96	0.981
1,4-Dioxane	15,582	23.25	0.406	10.00	5.00	36.7	18.4
1,1,2-Trichloroethane	15,582	1.00	0.327	10.00	5.00	1.96	0.981
Toluene	15,582	1.00	0.396	25.00	10.00	4.05	1.62
1,2-Dibromoethane (EDB)	15,582	1.00	0.386	10.00	5.00	1.66	0.830
Tetrachloroethene	15,582	1.00	0.406	10.00	5.00	1.58	0.790
1,1,1,2-Tetrachloroethane	15,582	1.00	0.406	10.00	5.00	1.58	0.790
Chlorobenzene	15,582	1.00	0.842	10.00	5.00	0.762	0.381
Ethylbenzene	15,582	1.00	0.842	25.00	10.00	1.90	0.762
p & m-Xylene	15,582	1.00	0.872	25.00	10.00	1.84	0.736
o-Xylene	15,582	1.00	0.872	25.00	10.00	1.84	0.736
1,2,3-Trichloropropane	15,582	1.00	0.743	10.00	5.00	0.864	0.432
Isopropylbenzene	15,582	1.00	0.822	25.00	10.00	1.95	0.780
1,3,5-Trimethylbenzene	15,582	1.00	0.822	25.00	10.00	1.95	0.780
1,2,4-Trimethylbenzene	15,582	1.00	0.822	25.00	10.00	1.95	0.780
1,3-Dichlorobenzene	15,582	1.00	0.743	10.00	5.00	0.864	0.432
1,4-Dichlorobenzene	15,582	1.00	0.743	10.00	5.00	0.864	0.432
1,2-Dichlorobenzene	15,582	1.00	0.743	10.00	5.00	0.864	0.432
1,2,4-Trichlorobenzene	15,582	1.00	0.386	10.00	5.00	1.66	0.830
Naphthalene	15,582	1.00	0.793	25.00	5.00	2.02	0.405
1,2,3-Trichlorobenzene	15,582	1.00	0.386	10.00	5.00	1.66	0.830
2-Methylnaphthalene	15,582	1.00	0.753	25.00	5.00	2.13	0.426

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial (ng)		C Calculated (µg/m³)	
				LOQ	LOD	LOQ	LOD

Lab ID: 0007324-07 **Sample Name:** 06R_SSG_07_20231120 **̄ Temp (°C):** 11.40

Vinyl Chloride	15,548	1.00	0.803	10.00	5.00	0.801	0.401
1,1-Dichloroethene	15,548	1.00	0.327	10.00	5.00	1.97	0.983
Methylene Chloride	15,548	1.00	0.347	10.00	5.00	1.85	0.927
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,548	1.00	0.882	10.00	5.00	0.729	0.365
trans-1,2-Dichloroethene	15,548	1.00	0.436	10.00	5.00	1.48	0.738
Methyl-t-butyl ether	15,548	1.00	0.495	25.00	10.00	3.25	1.30
1,1-Dichloroethane	15,548	1.00	0.842	10.00	5.00	0.764	0.382
cis-1,2-Dichloroethene	15,548	1.00	0.525	10.00	5.00	1.22	0.612
Chloroform	15,548	1.00	0.347	10.00	5.00	1.85	0.927
1,2-Dichloroethane	15,548	1.00	0.555	10.00	5.00	1.16	0.580
1,1,1-Trichloroethane	15,548	1.00	1.040	10.00	5.00	0.618	0.309
Carbon Tetrachloride	15,548	1.00	0.426	10.00	5.00	1.51	0.755
Benzene	15,548	1.00	0.525	25.00	10.00	3.06	1.22
Trichloroethene	15,548	1.00	0.327	10.00	5.00	1.97	0.983
1,4-Dioxane	15,548	1.00	0.406	10.00	5.00	1.58	0.792
1,1,2-Trichloroethane	15,548	1.00	0.327	10.00	5.00	1.97	0.983
Toluene	15,548	1.00	0.396	25.00	10.00	4.06	1.62
1,2-Dibromoethane (EDB)	15,548	1.00	0.386	10.00	5.00	1.66	0.832
Tetrachloroethene	15,548	1.00	0.406	10.00	5.00	1.58	0.792
1,1,1,2-Tetrachloroethane	15,548	1.00	0.406	10.00	5.00	1.58	0.792
Chlorobenzene	15,548	1.00	0.842	10.00	5.00	0.764	0.382
Ethylbenzene	15,548	1.00	0.842	25.00	10.00	1.91	0.764
p & m-Xylene	15,548	1.00	0.872	25.00	10.00	1.84	0.738
o-Xylene	15,548	1.00	0.872	25.00	10.00	1.84	0.738
1,2,3-Trichloropropane	15,548	1.00	0.743	10.00	5.00	0.865	0.433
Isopropylbenzene	15,548	1.00	0.822	25.00	10.00	1.96	0.782
1,3,5-Trimethylbenzene	15,548	1.00	0.822	25.00	10.00	1.96	0.782
1,2,4-Trimethylbenzene	15,548	1.00	0.822	25.00	10.00	1.96	0.782
1,3-Dichlorobenzene	15,548	1.00	0.743	10.00	5.00	0.865	0.433
1,4-Dichlorobenzene	15,548	1.00	0.743	10.00	5.00	0.865	0.433
1,2-Dichlorobenzene	15,548	1.00	0.743	10.00	5.00	0.865	0.433
1,2,4-Trichlorobenzene	15,548	1.00	0.386	10.00	5.00	1.66	0.832
Naphthalene	15,548	1.00	0.793	25.00	5.00	2.03	0.406
1,2,3-Trichlorobenzene	15,548	1.00	0.386	10.00	5.00	1.66	0.832
2-Methylnaphthalene	15,548	1.00	0.753	25.00	5.00	2.14	0.427

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Laboratory Certification List

Certification ID	Certification No.	Description	Expires	Project Required
Alaska CS-LAP	19-002	Alaska Department of Environmental Conservation	12/30/2024	
DoD-ELAP	72690/L22-563	United States Department of Defense Environmental Laboratory Accreditation	11/30/2024	
ISO/IEC 17025:2017	72690/L22-563	General Requirements for the Competence of Testing and Calibration Laboratories	11/30/2024	
NEFAP	72690/L22-564	TNI National Environmental Field Activities Program (NEFAP)	11/30/2024	
NY-NELAC	12097	New York Department of Health	04/01/2024	
Utah-NELAC	MD010912022-12	Utah Department of Health	12/31/2023	

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Qualifiers/Notes and Definitions

General Definitions:

DF	Dilution Factor
DL	Detection Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
NA	Not Applicable
Q	Qualifier
RPD	Relative Percent Difference
RT	Retention Times in Minutes
RRT	Evaluation of Relative Retention Times in RRT Units (qualified if outside ± 0.06 control limits)
3σ	Uncertainty
∉	Compound not on scope of accreditation
+	values are outside method/contract required QC limits
∅	Compound not on scope of accreditation and analyzed with a one-point calibration

Sample/Sample Receipt Qualifiers and Notes:

D	Dilution required to report within calibration Limits.
J	Value reported below limit of quantitation (LOQ).
U	Analyte was not detected and is reported as less than the limit of detection (LOD). The LOD has been adjusted for any dilution or concentration of the sample.

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R04
Lab Work Order: 0007324
Reported: 12/06/2023

Sample Management Records

Client Information		Project Manager: <i>Stephen Meer</i>		Client PO: <i>21985</i>		INDOOR AIR	AMBIENT AIR	CRAWL SPACE	SEWER GAS
Company: <i>The Sigma Group Inc</i>		Project Name: <i>Werners Cleaners</i>		Turn around time (check one): <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush (specify) ___ days					
Address: <i>1300W Canal St.</i>		Location: <i>Kenosha WI</i>		Analysis: <input checked="" type="checkbox"/> Method TO-17 <input type="checkbox"/> Method 8260C					
City / State / Zip: <i>Milwaukee WI 53233</i>		Submitted by: <i>Chelsea Engrath</i>		Email: <i>smeer@thesigmagroup.com</i>					
Phone: <i>414 643 4200</i>									
Location ID	Start Date	Start Time	Stop Date	Stop Time	Aver Temp (C)	Notes			
<i>DeR-SS6-01-20231120</i>	<i>11/9</i>	<i>835</i>	<i>11/20</i>	<i>755</i>	<i>11.4</i>				<i>X</i>
<i>DeR-SS6-02-20231120</i>	<i>11/9</i>	<i>859</i>	<i>11/20</i>	<i>750</i>	<i>11.4</i>				<i>X</i>
<i>DeR-SS6-03-20231120</i>	<i>11/9</i>	<i>910</i>	<i>11/20</i>	<i>747</i>	<i>11.4</i>				<i>X</i>
<i>DeR-SS6-04-20231120</i>	<i>11/9</i>	<i>926</i>	<i>11/20</i>	<i>745</i>	<i>11.4</i>				<i>X</i>
<i>DeR-SS6-05-20231120</i>	<i>11/9</i>	<i>1200</i>	<i>11/20</i>	<i>812</i>	<i>11.4</i>				<i>X</i>
<i>DeR-SS6-06-20231120</i>	<i>11/9</i>	<i>1230</i>	<i>11/20</i>	<i>812</i>	<i>11.4</i>				<i>X</i>
<i>DeR-SS6-07-20231120</i>	<i>11/9</i>	<i>1240</i>	<i>11/20</i>	<i>748</i>	<i>11.4</i>				<i>X</i>
Special Notes / Instructions: <i>Analyze compounds listed on associated proposal</i>									
Relinquished by (signature): <i>Engrath</i>		Date / Time: <i>1000 11/1/2023</i>		Received by (signature): <i>Michelle Ruf</i>		Date / Time: <i>11/27/25 13:08</i>			
Relinquished by (signature):		Date / Time:		Received by (signature):		Date / Time:			
For Lab Use Only		Beacon Job No: <i>7324</i>		Beacon Proposal: <i>230609R04</i>					
Courier Name: <i>FedEx</i>		Shipment Condition: <i>Good</i>		Custody Seal Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> n/a		Custody Seal No: <i>5722443</i>			



Beacon Environmental

2203A Commerce Road, Suite 1

Forest Hill, MD 21050 USA

1.410.838.8780

CERTIFICATE OF ANALYSIS

Beacon Proposal No.: 230609R03

Laboratory Work Order: 0007321

Project Description:

Werners Cleaners

Kenosha, WI

Prepared for:

Steve Meer

The Sigma Group

1300 West Canal Street

Milwaukee, WI 53233

Ryan W. Schneider
Senior Project Manager

December 06, 2023

All data meet requirements as specified in the Beacon Environmental Quality Assurance Project Plan and the results relate only to the samples reported. The work performed was in accordance with ISO/IEC 17025:2017. This report shall not be reproduced, except in full, without written approval of the laboratory. Release of the data contained in this data package has been authorized by the Laboratory Director or his signee, as verified by the following signatures:

Steven C. Thornley
Laboratory Director

Peter B. Kelly
Quality Manager

Table of Contents

Cover Page	1
Sample Summary	3
Case Narrative	4
Analytical Results	5
Summary of Compound Detections	6
Data Summary Table	7
Detailed Analytical Results	8
0007321-01 - 06A_IAB_01_20231120	9
0007321-02 - 06A_IA1_01_20231120	10
QC Summaries	11
Additional QC Information	24
Sample Result Calculations	25
Equation	25
LOD/MRL Calculation Table	26
Certifications	27
Notes and Definitions	28
Sample Management Records	29
Chain of Custody	30

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Sample Summary

Lab Sample ID	Client Sample ID	Received	Analysis	Matrix
0007321-01 Sampler Type: Sorbent Tube	06A_IAB_01_20231120	11/27/2023	TO-17 (Passive)	Indoor Air
0007321-02 Sampler Type: Sorbent Tube	06A_IA1_01_20231120	11/27/2023	TO-17 (Passive)	Indoor Air

Project Completeness

Samples Received: 2
Samples Analyzed: 2

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Case Narrative

Beacon Environmental provided thermally conditioned ChloroSorbent for sampling, with analyses following U.S. EPA Method TO-17, with analytical results reported in $\mu\text{g}/\text{m}^3$. Beacon calculated concentration results using the exposure period, target analyte mass, and the following procedures detailed in ISO 16017-2, *Indoor, ambient and workplace air-Sampling and analysis of volatile organic compounds by sorbent tube/thermal desorption/capillary gas chromatography-Part 2: Diffusive sampling*.

Beacon reports results and reporting limits to three significant digits.

Reporting Limits (RLs) for EPA Method TO-17

The RLs represent a baseline above which results meet laboratory-determined limits of precision and accuracy. Beacon performed dilution analysis when results exceeded the upper calibration limit, bringing all reported results within the calibration range. The project method quantitation limit (MQL) is the limit of detection (LOD) as noted in the data tables.

Calibration Verification

All continuing calibration verification (CCV) values are within $\pm 30\%$ of the true values as defined by the initial calibration and met the requirements specified in BEACON's Quality Manual.

Internal Standards and Surrogates

Internal standards and surrogates are spiked on all blanks (ICB, BLK), field samples and laboratory control samples (ICV/CALV, BS, ICV and CCV). Acceptance criteria for internal standards are 60 to 140 percent and surrogate recoveries are 70 to 130 percent; all internal standards and surrogates are within the acceptance criteria unless noted in the **Case Narrative**.

Blank Contamination

No targeted compounds above the limit of detection (LOD) for each compound were observed in the Laboratory Method Blanks unless noted in the **Case Narrative**.

Laboratory Control Samples

Acceptance criteria for surrogate and analytes recoveries are 70 to 130 percent; all recoveries are within the acceptance criteria unless noted in the **Case Narrative**.

Discussion

Samples were received in proper condition and laboratory control parameters were met unless otherwise noted below. The work performed was in accordance with ISO/IEC 17025:2017.

End of Case Narrative

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Analytical Results

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Summary of Compound Detections- Concentration

Lab Sample ID: 0007321-01	06A_IAB_01_20231120	Method: TO-17 (Passive)
Indoor Air		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	LOD (µg/m³)	File ID
Trichloroethene	79-01-6	0.0791	J	6.070	0.0976	0.0488	Ab23112907.D
Tetrachloroethene	127-18-4	0.194		8.249	0.115	0.0577	Ab23112907.D

Lab Sample ID: 0007321-02	06A_IA1_01_20231120	Method: TO-17 (Passive)
Indoor Air		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	LOD (µg/m³)	File ID
Trichloroethene	79-01-6	0.0831	J	6.076	0.0978	0.0489	Ab23112908.D
Tetrachloroethene	127-18-4	0.196		8.253	0.116	0.0578	Ab23112908.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Data Summary Table- Concentration

Compound	Frequency	LOD ($\mu\text{g}/\text{m}^3$)	Max Value ($\mu\text{g}/\text{m}^3$)
Trichloroethene	2	0.049	0.083
Tetrachloroethene	2	0.058	0.196

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Detailed Analytical Results

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R03 Lab Work Order: 0007321 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007321-01	06A_IAB_01_20231120	Method: TO-17 (Passive)
Indoor Air		

Analyte	CAS#	Result (µg/m ³)	Q	LOD (µg/m ³)	LOQ (µg/m ³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.0567	U	0.0567	0.113	11/29/2023 23:19	Ab23112907.D
trans-1,2-Dichloroethene	156-60-5	<0.0453	U	0.0453	0.0907	11/29/2023 23:19	Ab23112907.D
cis-1,2-Dichloroethene	156-59-2	<0.0453	U	0.0453	0.0907	11/29/2023 23:19	Ab23112907.D
Trichloroethene	79-01-6	0.0791	J	0.0488	0.0976	11/29/2023 23:19	Ab23112907.D
Tetrachloroethene	127-18-4	0.194		0.0577	0.115	11/29/2023 23:19	Ab23112907.D
Analyte	CAS#	% Recovery	Recovery Limits	Q		Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	86.8%	70-130			11/29/2023 23:19	Ab23112907.D
Surrogate: Toluene-d8	2037-26-5	86.1%	70-130			11/29/2023 23:19	Ab23112907.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Lab Sample ID: 0007321-02

06A_IA1_01_20231120

Method: TO-17 (Passive)

Indoor Air

Analyte	CAS#	Result (µg/m ³)	Q	LOD (µg/m ³)	LOQ (µg/m ³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.0567	U	0.0567	0.113	11/29/2023 23:48	Ab23112908.D
trans-1,2-Dichloroethene	156-60-5	<0.0454	U	0.0454	0.0908	11/29/2023 23:48	Ab23112908.D
cis-1,2-Dichloroethene	156-59-2	<0.0454	U	0.0454	0.0908	11/29/2023 23:48	Ab23112908.D
Trichloroethene	79-01-6	0.0831	J	0.0489	0.0978	11/29/2023 23:48	Ab23112908.D
Tetrachloroethene	127-18-4	0.196		0.0578	0.116	11/29/2023 23:48	Ab23112908.D
Analyte	CAS#	% Recovery	Recovery Limits	Q		Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	86.9%	70-130			11/29/2023 23:48	Ab23112908.D
Surrogate: Toluene-d8	2037-26-5	85.1%	70-130			11/29/2023 23:48	Ab23112908.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

QC Information/Summary

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Trace Organics in Air by EPA TO-17 Using Beacon ChloroSorber Tube - Quality Control Summary

Sequence: B23K002 - Instrument: A System - File ID: Aa23110119.D
B23K002-ICV1 (LCSD/Second Source Verification/CALV)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	7.21	1	0.5	ng	10.0		72.1	70-130			
trans-1,2-Dichloroethene	9.06	1	0.5	ng	10.0		90.6	70-130			
cis-1,2-Dichloroethene	9.87	1	0.5	ng	10.0		98.7	70-130			
Trichloroethene	10.3	1	0.5	ng	10.0		103	70-130			
Tetrachloroethene	10.4	1	0.5	ng	10.0		104	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>8.53</i>			<i>ng</i>	10.0		<i>85.3</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.93</i>			<i>ng</i>	10.0		<i>99.3</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Trace Organics in Air by EPA TO-17 Using Beacon ChloroSorber Tube - Quality Control Summary

Sequence: B23K002 - Instrument: A System - File ID: Aa23110123.D
B23K002-ICB1 (Lab Blank/Initial Calibration Blank)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	<0.5	1	0.5	ng							U
trans-1,2-Dichloroethene	<0.5	1	0.5	ng							U
cis-1,2-Dichloroethene	<0.5	1	0.5	ng							U
Trichloroethene	<0.5	1	0.5	ng							U
Tetrachloroethene	<0.5	1	0.5	ng							U
<i>Surrogate: 1,2-DCA-d4</i>	<i>15.8</i>			<i>ng</i>	<i>20.0</i>		<i>78.8</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>18.0</i>			<i>ng</i>	<i>20.0</i>		<i>90.0</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Trace Organics in Air by EPA TO-17 Using Beacon ChloroSorber Tube - Quality Control Summary

Sequence: B23K085 - Batch: 23K0070 - Instrument: A System - File ID: Ab23112904.D
23K0070-BS1 (LCS, Calibration Source Verification)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	10.2	1	0.5	ng	10.0		102	70-130			
trans-1,2-Dichloroethene	8.16	1	0.5	ng	10.0		81.6	70-130			
cis-1,2-Dichloroethene	9.06	1	0.5	ng	10.0		90.6	70-130			
Trichloroethene	10.8	1	0.5	ng	10.0		108	70-130			
Tetrachloroethene	9.85	1	0.5	ng	10.0		98.5	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>8.36</i>			<i>ng</i>	10.0		<i>83.6</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.44</i>			<i>ng</i>	10.0		<i>94.4</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Trace Organics in Air by EPA TO-17 Using Beacon ChloroSorber Tube - Quality Control Summary

Sequence: B23K085 - Batch: 23K0070 - Instrument: A System - File ID: Ab23112905.D
23K0070-BLK1 (Lab Blank)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	<0.057	0.113	0.057	µg/m³							U
trans-1,2-Dichloroethene	<0.045	0.091	0.045	µg/m³							U
cis-1,2-Dichloroethene	<0.045	0.091	0.045	µg/m³							U
Trichloroethene	<0.049	0.098	0.049	µg/m³							U
Tetrachloroethene	<0.058	0.115	0.058	µg/m³							U
<i>Surrogate: 1,2-DCA-d4</i>	<i>14.1</i>			<i>ng</i>	<i>20.0</i>		<i>70.4</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>17.4</i>			<i>ng</i>	<i>20.0</i>		<i>87.0</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Trace Organics in Air by EPA TO-17 Using Beacon ChloroSorber Tube - Quality Control Summary

Sequence: B23K085 - Instrument: A System - File ID: Ab23112906.D
B23K085-ICV1 (LCSD/Second Source Verification/CALV)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	9.63	1	0.5	ng	10.0		96.3	70-130			
trans-1,2-Dichloroethene	8.01	1	0.5	ng	10.0		80.1	70-130			
cis-1,2-Dichloroethene	8.97	1	0.5	ng	10.0		89.7	70-130			
Trichloroethene	11.0	1	0.5	ng	10.0		110	70-130			
Tetrachloroethene	10.3	1	0.5	ng	10.0		103	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>7.59</i>			<i>ng</i>	10.0		<i>75.9</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.64</i>			<i>ng</i>	10.0		<i>96.4</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Trace Organics in Air by EPA TO-17 Using Beacon ChloroSorber Tube - Quality Control Summary

Sequence: B23K085 - Instrument: A System - File ID: Ab23112917.D
B23K085-CCV1 (LCS, Closing Calibration Verification)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	8.62	1	0.5	ng	10.0		86.2	70-130			
trans-1,2-Dichloroethene	8.27	1	0.5	ng	10.0		82.7	70-130			
cis-1,2-Dichloroethene	9.23	1	0.5	ng	10.0		92.3	70-130			
Trichloroethene	10.6	1	0.5	ng	10.0		106	70-130			
Tetrachloroethene	10.8	1	0.5	ng	10.0		108	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>8.68</i>			<i>ng</i>	<i>10.0</i>		<i>86.8</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.97</i>			<i>ng</i>	<i>10.0</i>		<i>99.7</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Trace Organics in Air by EPA TO-17 Using Beacon ChloroSorber Tube - Quality Control Summary

Sequence: B23K085 - Instrument: A System - File ID: Ab23112918.D
B23K085-CCB1 (Lab Blank)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	<0.5	1	0.5	ng							U
trans-1,2-Dichloroethene	<0.5	1	0.5	ng							U
cis-1,2-Dichloroethene	<0.5	1	0.5	ng							U
Trichloroethene	<0.5	1	0.5	ng							U
Tetrachloroethene	<0.5	1	0.5	ng							U
<i>Surrogate: 1,2-DCA-d4</i>	<i>14.7</i>			<i>ng</i>	<i>20.0</i>		<i>73.4</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>17.0</i>			<i>ng</i>	<i>20.0</i>		<i>85.2</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Trace Organics in Air by EPA TO-17 Using Beacon ChloroSorber Tube - Quality Control Summary

Sequence: B23K085 - Instrument: A System - File ID: Ab23112929.D
B23K085-CCV2 (Continuing Calibration Verification)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	7.72	1	0.5	ng	10.0		77.2	70-130			
trans-1,2-Dichloroethene	7.68	1	0.5	ng	10.0		76.8	70-130			
cis-1,2-Dichloroethene	8.78	1	0.5	ng	10.0		87.8	70-130			
Trichloroethene	11.3	1	0.5	ng	10.0		113	70-130			
Tetrachloroethene	10.7	1	0.5	ng	10.0		107	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>8.47</i>			<i>ng</i>	10.0		<i>84.7</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.50</i>			<i>ng</i>	10.0		<i>95.0</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Trace Organics in Air by EPA TO-17 Using Beacon ChloroSorber Tube - Quality Control Summary

Sequence: B23K085 - Instrument: A System - File ID: Ab23112930.D
B23K085-CCB2 (Lab Blank)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	<0.5	1	0.5	ng							U
trans-1,2-Dichloroethene	<0.5	1	0.5	ng							U
cis-1,2-Dichloroethene	<0.5	1	0.5	ng							U
Trichloroethene	<0.5	1	0.5	ng							U
Tetrachloroethene	<0.5	1	0.5	ng							U
<i>Surrogate: 1,2-DCA-d4</i>	<i>16.0</i>			<i>ng</i>	<i>20.0</i>		<i>80.2</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>16.8</i>			<i>ng</i>	<i>20.0</i>		<i>83.8</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Trace Organics in Air by EPA TO-17 Using Beacon ChloroSorber Tube - Quality Control Summary

Sequence: B23K085 - Instrument: A System - File ID: Ab23112932.D
B23K085-CCV3 (Continuing Calibration Verification)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	12.4	1	0.5	ng	10.0		124	70-130			
trans-1,2-Dichloroethene	8.08	1	0.5	ng	10.0		80.8	70-130			
cis-1,2-Dichloroethene	9.09	1	0.5	ng	10.0		90.9	70-130			
Trichloroethene	11.3	1	0.5	ng	10.0		113	70-130			
Tetrachloroethene	11.0	1	0.5	ng	10.0		110	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>8.99</i>			<i>ng</i>	10.0		<i>89.9</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.66</i>			<i>ng</i>	10.0		<i>96.6</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Trace Organics in Air by EPA TO-17 Using Beacon ChloroSorber Tube - Quality Control Summary

Sequence: B23K085 - Instrument: A System - File ID: Ab23112933.D
B23K085-CCB3 (Lab Blank)

Analyte	Result	LOQ	LOD	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	<0.5	1	0.5	ng							U
trans-1,2-Dichloroethene	<0.5	1	0.5	ng							U
cis-1,2-Dichloroethene	<0.5	1	0.5	ng							U
Trichloroethene	<0.5	1	0.5	ng							U
Tetrachloroethene	<0.5	1	0.5	ng							U
<i>Surrogate: 1,2-DCA-d4</i>	<i>17.2</i>			<i>ng</i>	<i>20.0</i>		<i>85.8</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>16.9</i>			<i>ng</i>	<i>20.0</i>		<i>84.3</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

TO-17 (Passive) - LCS/LCSD RPD Quality Control Summary
LCS: 23K0070-BS1 File ID: Ab23112904.D

Analyzed: 11/29/23 22:49

LCSD: B23K085-ICV1 File ID: Ab23112906.D

Analyzed: 11/29/23 21:58

Analyte	CAS#	LCS Result (ng)	%REC Q	Spike Level (ng)	LCSD Result (ng)	%REC	%REC Limits	RPD	RPD Limit	Q
Vinyl Chloride	75-01-4	10.18	101.8	10	9.63	96.30	70-130	5.55	30	
trans-1,2-Dichloroethene	156-60-5	8.16	81.6	10	8.01	80.10	70-130	1.86	30	
cis-1,2-Dichloroethene	156-59-2	9.06	90.6	10	8.97	89.70	70-130	1.00	30	
Trichloroethene	79-01-6	10.78	107.8	10	11.03	110.00	70-130	2.29	30	
Tetrachloroethene	127-18-4	9.85	98.5	10	10.26	103.00	70-130	4.08	30	

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Additional QC Information

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R03 Lab Work Order: 0007321 Reported: 12/06/2023
---	---	--

Sample Result Calculation Summary (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	----------------------	---------------------------	---	---------

Lab ID: 0007321-01	Sample Name: 06A_IAB_01_20231120	̄ Temp (°C): 16.60
---------------------------	---	---------------------------

Vinyl Chloride	15,760	1.00	0.560	U	U	Ab23112907.D
trans-1,2-Dichloroethene	15,760	1.00	0.700	U	U	Ab23112907.D
cis-1,2-Dichloroethene	15,760	1.00	0.700	U	U	Ab23112907.D
Trichloroethene	15,760	1.00	0.650	0.81	0.0791	Ab23112907.D
Tetrachloroethene	15,760	1.00	0.550	1.68	0.194	Ab23112907.D

Lab ID: 0007321-02	Sample Name: 06A_IA1_01_20231120	̄ Temp (°C): 16.60
---------------------------	---	---------------------------

Vinyl Chloride	15,740	1.00	0.560	U	U	Ab23112908.D
trans-1,2-Dichloroethene	15,740	1.00	0.700	U	U	Ab23112908.D
cis-1,2-Dichloroethene	15,740	1.00	0.700	U	U	Ab23112908.D
Trichloroethene	15,740	1.00	0.650	0.85	0.0831	Ab23112908.D
Tetrachloroethene	15,740	1.00	0.550	1.70	0.196	Ab23112908.D

Calculations:

$$C = \frac{1000 \times M \times DF}{U_c \times t}$$

$$U_c = U * \left(\frac{T_s + 273.15}{T_u + 273.15} \right)^{1/2}$$

- where:
- C = concentration (µg/m³)
 - M = mass (ng)
 - DF = dilution factor
 - Uc = uptake rate (ml/min), corrected
 - t = sampling time (minutes)
 - U = compound specific uptake rate
 - Tu = uptake rate study temperature
 - Ts = sample average temperature

Note: Tu is 16.65°C

Reference: Federal Register/Vol. 79, No. 125/June 30, 2014

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)
TO-17 (Passive)

Analyte	t Sampling Time minutes	DF Dilution Factor	Uc Uptake Rate	M Initial (ng)		C Calculated (µg/m³)	
				LOQ	LOD	LOQ	LOD

Lab ID: 0007321-01	Sample Name: 06A_IAB_01_20231120	̄ Temp (°C): 16.60
---------------------------	---	---------------------------

Vinyl Chloride	15,760	1.00	0.560	1.00	0.50	0.113	0.0567
trans-1,2-Dichloroethene	15,760	1.00	0.700	1.00	0.50	0.0907	0.0453
cis-1,2-Dichloroethene	15,760	1.00	0.700	1.00	0.50	0.0907	0.0453
Trichloroethene	15,760	1.00	0.650	1.00	0.50	0.0976	0.0488
Tetrachloroethene	15,760	1.00	0.550	1.00	0.50	0.115	0.0577

Lab ID: 0007321-02	Sample Name: 06A_IA1_01_20231120	̄ Temp (°C): 16.60
---------------------------	---	---------------------------

Vinyl Chloride	15,740	1.00	0.560	1.00	0.50	0.113	0.0567
trans-1,2-Dichloroethene	15,740	1.00	0.700	1.00	0.50	0.0908	0.0454
cis-1,2-Dichloroethene	15,740	1.00	0.700	1.00	0.50	0.0908	0.0454
Trichloroethene	15,740	1.00	0.650	1.00	0.50	0.0978	0.0489
Tetrachloroethene	15,740	1.00	0.550	1.00	0.50	0.116	0.0578

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R03 Lab Work Order: 0007321 Reported: 12/06/2023
---	---	--

Laboratory Certification List

Certification ID	Certification No.	Description	Expires	Project Required
Alaska CS-LAP	19-002	Alaska Department of Environmental Conservation	12/30/2024	
DoD-ELAP	72690/L22-563	United States Department of Defense Environmental Laboratory Accreditation	11/30/2024	
ISO/IEC 17025:2017	72690/L22-563	General Requirements for the Competence of Testing and Calibration Laboratories	11/30/2024	
NEFAP	72690/L22-564	TNI National Environmental Field Activities Program (NEFAP)	11/30/2024	
NY-NELAC	12097	New York Department of Health	04/01/2024	
Utah-NELAC	MD010912022-12	Utah Department of Health	12/31/2023	

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Qualifiers/Notes and Definitions

General Definitions:

DF	Dilution Factor
DL	Detection Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
NA	Not Applicable
Q	Qualifier
RPD	Relative Percent Difference
RT	Retention Times in Minutes
RRT	Evaluation of Relative Retention Times in RRT Units (qualified if outside ± 0.06 control limits)
3σ	Uncertainty
∉	Compound not on scope of accreditation
+	values are outside method/contract required QC limits
∅	Compound not on scope of accreditation and analyzed with a one-point calibration

Sample/Sample Receipt Qualifiers and Notes:

J	Value reported below limit of quantitation (LOQ).
U	Analyte was not detected and is reported as less than the limit of detection (LOD). The LOD has been adjusted for any dilution or concentration of the sample.

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R03
Lab Work Order: 0007321
Reported: 12/06/2023

Sample Management Records

Client Information		Project Manager: Stephen Meier		Client PO: 21985		INDOOR AIR	AMBIENT AIR	CRAWL SPACE	SEWER GAS										
Company: The Signature Inc		Project Name: Werners Cleaners		Turn around time (check one): <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush (specify) ___ days															
Address: 1300 W Canal St.		Location: Kenosha WI		Analysis: <input checked="" type="checkbox"/> Method TO-17 <input type="checkbox"/> Method 325															
City / State / Zip: Milwaukee WI 53233		Submitted by: Chelsea Egnath		Email: smeier@thesignature.com															
Phone: 414 643 4200		Location ID		Tube ID		Start Date		Start Time		Stop Date		Stop Time		Aver Temp (C)		Target Compounds			
QA-IAB-01-20231120		CS0771		11/9		1140		11/20		1020		16.6				X			
QA-IA1-01-20231120		CS0553		11/9		1145		11/20		1005		16.6				X			
Special Notes / Instructions: PCE, TCE, CIS12DCE, trans12DCE, VC																			
Relinquished by (signature): <i>CEgnath</i>				Date / Time: 11/21/2023				Received by (signature): <i>Nick Kip</i>				Date / Time: 11/27/23 13:08							
Relinquished by (signature):				Date / Time:				Received by (signature):				Date / Time:							
For Lab Use Only				Beacon Job No: 7321				Beacon Proposal: 230609R03											
Courier Name: FedEx				Shipment Condition: Good				Custody Seal Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> n/a				Custody Seal No: 5722443							



Beacon Environmental
2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Beacon Proposal No.: 230609R01
Laboratory Work Order: 0007323

Project Description:

Werners Cleaners
Kenosha, WI

Client PO No.: 21985

Prepared for:

Steve Meer

The Sigma Group

1300 West Canal Street
Milwaukee, WI 53233

Ryan W. Schneider
Senior Project Manager

December 06, 2023

All data meet requirements as specified in the Beacon Environmental Quality Assurance Project Plan and the results relate only to the samples reported. The work performed was in accordance with ISO/IEC 17025:2017, except compounds reported with € are not included in Beacon's scope of accreditation and all samples were analyzed within a 24-hour tune window. This report shall not be reproduced, except in full, without written approval of the laboratory. Release of the data contained in this data package has been authorized by the Laboratory Director or his signee, as verified by the following signatures:

Steven C. Thornley
Laboratory Director

Peter B. Kelly
Quality Manager

Table of Contents

Cover Page	1
Sample Summary	6
Case Narrative	9
Analytical Results	10
Summary of Compound Detections	11
Data Summary Table-Mass	18
Data Summary Table-Concentration	19
Detailed Analytical Results	20
- Mass	21
0007323-01 - 06R_SG_01_20231120	22
0007323-02 - 06R_SG_02_20231120	23
0007323-03 - 06R_SG_03_20231120	24
0007323-04 - 06R_SG_04_20231120	25
0007323-05 - 06R_SG_05_20231120	26
0007323-06 - 06R_SG_06_20231120	27
0007323-07 - 06R_SG_07_20231120	28
0007323-08 - 06R_SG_08_20231120	29
0007323-09 - 06R_SG_09_20231120	30
0007323-10 - 06R_SG_10_20231120	31
0007323-11 - 06R_SG_11_20231120	32
0007323-12 - 06R_SG_12_20231120	33
0007323-13 - 06R_SG_13_20231120	34
0007323-14 - 06R_SG_14_20231120	35
0007323-15 - 06R_SG_15_20231120	36
0007323-16 - 06R_SG_16_20231120	37

Table of Contents (continued)

0007323-17 - 06R_SG_17_20231120	38
0007323-18 - 06R_SG_18_20231120	39
0007323-19 - 06R_SG_19_20231120	40
0007323-20 - 06R_SG_20_20231120	41
0007323-21 - 06R_SG_21_20231120	42
0007323-22 - 06R_SG_22_20231120	43
0007323-23 - 06R_SG_23_20231120	44
0007323-24 - 06R_SG_24_20231120	45
0007323-25 - 06R_SG_25_20231120	46
0007323-26 - 06R_SG_26_20231120	47
0007323-27 - 06R_SG_27_20231120	48
0007323-28 - 06R_SG_28_20231120	49
0007323-29 - 06R_SG_29_20231120	50
0007323-30 - 06R_SG_30_20231120	51
0007323-31 - 06R_SG_31_20231120	52
0007323-32 - 06R_SG_32_20231120	53
0007323-33 - 06R_SG_33_20231120	54
0007323-34 - 06R_SG_34_20231120	55
0007323-35 - 06R_SG_35_20231120	56
0007323-36 - 06R_SG_36_20231120	57
0007323-37 - 06R_SG_37_20231120	58
0007323-38 - 06R_SG_38_20231120	59
0007323-39 - 06R_SG_39_20231120	60
0007323-40 - 06R_SG_40_20231120	61
- Concentration	62

Table of Contents (continued)

0007323-01 - 06R_SG_01_20231120	63
0007323-02 - 06R_SG_02_20231120	64
0007323-03 - 06R_SG_03_20231120	65
0007323-04 - 06R_SG_04_20231120	66
0007323-05 - 06R_SG_05_20231120	67
0007323-06 - 06R_SG_06_20231120	68
0007323-07 - 06R_SG_07_20231120	69
0007323-08 - 06R_SG_08_20231120	70
0007323-09 - 06R_SG_09_20231120	71
0007323-10 - 06R_SG_10_20231120	72
0007323-11 - 06R_SG_11_20231120	73
0007323-12 - 06R_SG_12_20231120	74
0007323-13 - 06R_SG_13_20231120	75
0007323-14 - 06R_SG_14_20231120	76
0007323-15 - 06R_SG_15_20231120	77
0007323-16 - 06R_SG_16_20231120	78
0007323-17 - 06R_SG_17_20231120	79
0007323-18 - 06R_SG_18_20231120	80
0007323-19 - 06R_SG_19_20231120	81
0007323-20 - 06R_SG_20_20231120	82
0007323-21 - 06R_SG_21_20231120	83
0007323-22 - 06R_SG_22_20231120	84
0007323-23 - 06R_SG_23_20231120	85
0007323-24 - 06R_SG_24_20231120	86
0007323-25 - 06R_SG_25_20231120	87

Table of Contents (continued)

0007323-26 - 06R_SG_26_20231120	88
0007323-27 - 06R_SG_27_20231120	89
0007323-28 - 06R_SG_28_20231120	90
0007323-29 - 06R_SG_29_20231120	91
0007323-30 - 06R_SG_30_20231120	92
0007323-31 - 06R_SG_31_20231120	93
0007323-32 - 06R_SG_32_20231120	94
0007323-33 - 06R_SG_33_20231120	95
0007323-34 - 06R_SG_34_20231120	96
0007323-35 - 06R_SG_35_20231120	97
0007323-36 - 06R_SG_36_20231120	98
0007323-37 - 06R_SG_37_20231120	99
0007323-38 - 06R_SG_38_20231120	100
0007323-39 - 06R_SG_39_20231120	101
0007323-40 - 06R_SG_40_20231120	102
QC Summaries	103
Additional QC Information	108
Sample Result Calculations	109
Equation	149
MRL Calculation Table	150
Certifications	190
Notes and Definitions	191
Sample Management Records	192
Chain of Custody	193

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Summary

Lab Sample ID	Client Sample ID	Received	Analysis	Matrix
0007323-01 Sampler Type:	06R_SG_01_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-02 Sampler Type:	06R_SG_02_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-03 Sampler Type:	06R_SG_03_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-04 Sampler Type:	06R_SG_04_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-05 Sampler Type:	06R_SG_05_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-06 Sampler Type:	06R_SG_06_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-07 Sampler Type:	06R_SG_07_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-08 Sampler Type:	06R_SG_08_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-09 Sampler Type:	06R_SG_09_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-10 Sampler Type:	06R_SG_10_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-11 Sampler Type:	06R_SG_11_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-12 Sampler Type:	06R_SG_12_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-13 Sampler Type:	06R_SG_13_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-14 Sampler Type:	06R_SG_14_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-15 Sampler Type:	06R_SG_15_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-16 Sampler Type:	06R_SG_16_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-17 Sampler Type:	06R_SG_17_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-18 Sampler Type:	06R_SG_18_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-19 Sampler Type:	06R_SG_19_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-20 Sampler Type:	06R_SG_20_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID	Client Sample ID	Received	Analysis	Matrix
0007323-21 Sampler Type:	06R_SG_21_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-22 Sampler Type:	06R_SG_22_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-23 Sampler Type:	06R_SG_23_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-24 Sampler Type:	06R_SG_24_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-25 Sampler Type:	06R_SG_25_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-26 Sampler Type:	06R_SG_26_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-27 Sampler Type:	06R_SG_27_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-28 Sampler Type:	06R_SG_28_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-29 Sampler Type:	06R_SG_29_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-30 Sampler Type:	06R_SG_30_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-31 Sampler Type:	06R_SG_31_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-32 Sampler Type:	06R_SG_32_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-33 Sampler Type:	06R_SG_33_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-34 Sampler Type:	06R_SG_34_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-35 Sampler Type:	06R_SG_35_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-36 Sampler Type:	06R_SG_36_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-37 Sampler Type:	06R_SG_37_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-38 Sampler Type:	06R_SG_38_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-39 Sampler Type:	06R_SG_39_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas
0007323-40 Sampler Type:	06R_SG_40_20231120 Beacon Passive Sampler	11/27/2023	EPA 8260C	Soil Gas

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Project Completeness

Samples Received: 40
Samples Analyzed: 40

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Case Narrative

U.S. EPA Method 8260C

All samples were analyzed using thermal desorption-gas chromatography/mass spectrometry (TD-GC/MS) instrumentation following U.S. EPA Method 8260C, with laboratory results provided in nanograms (ng) and micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). Laboratory QA/QC procedures included internal standards, surrogates, and blanks based on EPA Method 8260C. Analyses and reporting were under BEACON's Quality Assurance Project Plan.

Passive Soil-Gas Survey Notes

If sample locations are covered with or near the edge of an impervious surface (*e.g.*, asphalt or concrete), the concentrations of compounds in soil gas are higher than if the surfacing was not present. Therefore, the sample location conditions should be considered when comparing results between locations.

Survey findings are exclusive to this project and when the spatial relationships are compared with results of other BEACON Surveys it is necessary to incorporate information from both investigations (*e.g.*, depth to sources, soil types, porosity, soil moisture, presence of impervious surfacing, sample collection times).

Reporting Limits

The RLs represent a baseline above which results meet laboratory-determined limits of precision and accuracy. All reported results are within the calibration range. The project method quantitation limit (MQL) is the limit of quantitation (LOQ) as noted in the data tables. Beacon determined uptake rates for a suite of compounds with the Beacon sampler for sampling in air. Beacon calculated the uptake rates for the remaining compounds using Graham's Law of Diffusion. The reported data includes LOQ limits.

Project Details

Samples were received in proper condition and laboratory control parameters were met unless otherwise noted below. The work performed was in accordance with ISO/IEC 17025:2017, except compounds reported with \notin are not included in Beacon's scope of accreditation and samples were analyzed within a 24-hour tune window.

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Analytical Results

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Summary of Compound Detections- Mass

Lab Sample ID: 0007323-07	06R_SG_07_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
p & m-Xylene	179601-23-1	91		7.077	25	C23112912.D
o-Xylene	95-47-6	30		7.432	25	C23112912.D

Lab Sample ID: 0007323-09	06R_SG_09_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Benzene	71-43-2	115		3.748	25	C23112914.D

Lab Sample ID: 0007323-10	06R_SG_10_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Benzene	71-43-2	55		3.748	25	C23112915.D

Lab Sample ID: 0007323-11	06R_SG_11_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Benzene	71-43-2	25		3.748	25	C23112916.D

Lab Sample ID: 0007323-12	06R_SG_12_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Tetrachloroethene	127-18-4	22		5.925	10	C23112917.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Summary of Compound Detections- Mass

Lab Sample ID: 0007323-13	06R_SG_13_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Tetrachloroethene	127-18-4	17		5.921	10	C23112918.D

Lab Sample ID: 0007323-17	06R_SG_17_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Tetrachloroethene	127-18-4	51		5.918	10	C23112922.D

Lab Sample ID: 0007323-18	06R_SG_18_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
cis-1,2-Dichloroethene	156-59-2	28		3.125	10	C23112923.D
Benzene	71-43-2	39		3.748	25	C23112923.D
Trichloroethene	79-01-6	985		4.280	10	C23112923.D
Tetrachloroethene	127-18-4	8,390		5.931	10	C23112923.D

Lab Sample ID: 0007323-19	06R_SG_19_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Tetrachloroethene	127-18-4	45		5.921	10	C23112924.D

Lab Sample ID: 0007323-21	06R_SG_21_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Benzene	71-43-2	37		3.751	25	C23112926.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Summary of Compound Detections- Mass

Lab Sample ID: 0007323-36	06R_SG_36_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Benzene	71-43-2	29		3.745	25	C23112941.D

Lab Sample ID: 0007323-37	06R_SG_37_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Benzene	71-43-2	29		3.751	25	C23112942.D

Lab Sample ID: 0007323-38	06R_SG_38_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Benzene	71-43-2	35		3.745	25	C23112943.D
Tetrachloroethene	127-18-4	122		5.924	10	C23112943.D

Lab Sample ID: 0007323-39	06R_SG_39_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
trans-1,2-Dichloroethene	156-60-5	37		2.468	10	C23112944.D
cis-1,2-Dichloroethene	156-59-2	102		3.122	10	C23112944.D
Trichloroethene	79-01-6	743		4.280	10	C23112944.D
Tetrachloroethene	127-18-4	3,800		5.924	10	C23112944.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Summary of Compound Detections- Mass

Lab Sample ID: 0007323-40	06R_SG_40_20231120 Soil Gas	Method: EPA 8260C
---------------------------	---------------------------------------	-------------------

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Tetrachloroethene	127-18-4	96		5.921	10	C23112945.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Summary of Compound Detections- Concentration

Lab Sample ID: 0007323-07	06R_SG_07_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
p & m-Xylene	179601-23-1	6.56		7.077	1.81	C23112912.D
o-Xylene	95-47-6	2.19		7.432	1.81	C23112912.D

Lab Sample ID: 0007323-09	06R_SG_09_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Benzene	71-43-2	13.9		3.748	3.01	C23112914.D

Lab Sample ID: 0007323-10	06R_SG_10_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Benzene	71-43-2	6.65		3.748	3.01	C23112915.D

Lab Sample ID: 0007323-11	06R_SG_11_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Benzene	71-43-2	3.31		3.748	3.25	C23112916.D

Lab Sample ID: 0007323-12	06R_SG_12_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Tetrachloroethene	127-18-4	3.66		5.925	1.68	C23112917.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Summary of Compound Detections- Concentration

Lab Sample ID: 0007323-13	06R_SG_13_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Tetrachloroethene	127-18-4	2.81		5.921	1.68	C23112918.D

Lab Sample ID: 0007323-17	06R_SG_17_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Tetrachloroethene	127-18-4	8.57		5.918	1.69	C23112922.D

Lab Sample ID: 0007323-18	06R_SG_18_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
cis-1,2-Dichloroethene	156-59-2	3.63		3.125	1.31	C23112923.D
Benzene	71-43-2	5.08		3.748	3.27	C23112923.D
Trichloroethene	79-01-6	207		4.280	2.10	C23112923.D
Tetrachloroethene	127-18-4	1,420		5.931	1.69	C23112923.D

Lab Sample ID: 0007323-19	06R_SG_19_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Tetrachloroethene	127-18-4	7.54		5.921	1.69	C23112924.D

Lab Sample ID: 0007323-21	06R_SG_21_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Benzene	71-43-2	4.82		3.751	3.28	C23112926.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Summary of Compound Detections- Concentration

Lab Sample ID: 0007323-36	06R_SG_36_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Benzene	71-43-2	3.84		3.745	3.29	C23112941.D

Lab Sample ID: 0007323-37	06R_SG_37_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Benzene	71-43-2	3.81		3.751	3.30	C23112942.D

Lab Sample ID: 0007323-38	06R_SG_38_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Benzene	71-43-2	4.56		3.745	3.30	C23112943.D
Tetrachloroethene	127-18-4	20.8		5.924	1.71	C23112943.D

Lab Sample ID: 0007323-39	06R_SG_39_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
trans-1,2-Dichloroethene	156-60-5	5.82		2.468	1.59	C23112944.D
cis-1,2-Dichloroethene	156-59-2	13.5		3.122	1.32	C23112944.D
Trichloroethene	79-01-6	157		4.280	2.12	C23112944.D
Tetrachloroethene	127-18-4	648		5.924	1.71	C23112944.D

Lab Sample ID: 0007323-40	06R_SG_40_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Tetrachloroethene	127-18-4	16.3		5.921	1.71	C23112945.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Data Summary Table- Mass

Compound	Frequency	LOQ (ng)	Max Value (ng)
trans-1,2-Dichloroethene	1	10	37
cis-1,2-Dichloroethene	2	10	102
Benzene	8	25	115
Trichloroethene	2	10	985
Tetrachloroethene	8	10	8,390
p & m-Xylene	1	25	91
o-Xylene	1	25	30

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Data Summary Table- Concentration

Compound	Frequency	LOQ (µg/m³)	Max Value (µg/m³)
trans-1,2-Dichloroethene	1	1.59	5.82
cis-1,2-Dichloroethene	2	1.31	13.5
Benzene	8	3.01	13.9
Trichloroethene	2	2.10	207
Tetrachloroethene	8	1.68	1,420
p & m-Xylene	1	1.81	6.56
o-Xylene	1	1.81	2.19

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Detailed Analytical Results

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Detailed Analytical Results- Mass

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-01

06R_SG_01_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/29/2023 15:24	C23112906.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 15:24	C23112906.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 15:24	C23112906.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 15:24	C23112906.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 15:24	C23112906.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 15:24	C23112906.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 15:24	C23112906.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 15:24	C23112906.D
Chloroform	67-66-3	<10		10	11/29/2023 15:24	C23112906.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 15:24	C23112906.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 15:24	C23112906.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 15:24	C23112906.D
Benzene	71-43-2	<25		25	11/29/2023 15:24	C23112906.D
Trichloroethene	79-01-6	<10		10	11/29/2023 15:24	C23112906.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 15:24	C23112906.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 15:24	C23112906.D
Toluene	108-88-3	<25		25	11/29/2023 15:24	C23112906.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 15:24	C23112906.D
Tetrachloroethene	127-18-4	<10		10	11/29/2023 15:24	C23112906.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 15:24	C23112906.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 15:24	C23112906.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 15:24	C23112906.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 15:24	C23112906.D
o-Xylene	95-47-6	<25		25	11/29/2023 15:24	C23112906.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 15:24	C23112906.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 15:24	C23112906.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 15:24	C23112906.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 15:24	C23112906.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 15:24	C23112906.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 15:24	C23112906.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 15:24	C23112906.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 15:24	C23112906.D
Naphthalene	91-20-3	<25		25	11/29/2023 15:24	C23112906.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 15:24	C23112906.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 15:24	C23112906.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 15:24	C23112906.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 15:24	C23112906.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.0%	70-130		11/29/2023 15:24	C23112906.D
Surrogate: Toluene-d8	2037-26-5	92.6%	70-130		11/29/2023 15:24	C23112906.D
Surrogate: Bromofluorobenzene	460-00-4	93.8%	70-130		11/29/2023 15:24	C23112906.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-02	06R_SG_02_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng) Q	LOQ (ng)	Analyzed	File ID	
Vinyl Chloride	75-01-4	<10	10	11/29/2023 15:52	C23112907.D	
1,1-Dichloroethene	75-35-4	<10	10	11/29/2023 15:52	C23112907.D	
Methylene Chloride	75-09-2	<10	10	11/29/2023 15:52	C23112907.D	
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10	10	11/29/2023 15:52	C23112907.D	
trans-1,2-Dichloroethene	156-60-5	<10	10	11/29/2023 15:52	C23112907.D	
Methyl-t-butyl ether	1634-04-4	<25	25	11/29/2023 15:52	C23112907.D	
1,1-Dichloroethane	75-34-3	<10	10	11/29/2023 15:52	C23112907.D	
cis-1,2-Dichloroethene	156-59-2	<10	10	11/29/2023 15:52	C23112907.D	
Chloroform	67-66-3	<10	10	11/29/2023 15:52	C23112907.D	
1,2-Dichloroethane	107-06-2	<10	10	11/29/2023 15:52	C23112907.D	
1,1,1-Trichloroethane	71-55-6	<10	10	11/29/2023 15:52	C23112907.D	
Carbon Tetrachloride	56-23-5	<10	10	11/29/2023 15:52	C23112907.D	
Benzene	71-43-2	<25	25	11/29/2023 15:52	C23112907.D	
Trichloroethene	79-01-6	<10	10	11/29/2023 15:52	C23112907.D	
1,4-Dioxane	123-91-1	<10	10	11/29/2023 15:52	C23112907.D	
1,1,2-Trichloroethane	79-00-5	<10	10	11/29/2023 15:52	C23112907.D	
Toluene	108-88-3	<25	25	11/29/2023 15:52	C23112907.D	
1,2-Dibromoethane (EDB)	106-93-4	<10	10	11/29/2023 15:52	C23112907.D	
Tetrachloroethene	127-18-4	<10	10	11/29/2023 15:52	C23112907.D	
1,1,1,2-Tetrachloroethane	630-20-6	<10	10	11/29/2023 15:52	C23112907.D	
Chlorobenzene	108-90-7	<10	10	11/29/2023 15:52	C23112907.D	
Ethylbenzene	100-41-4	<25	25	11/29/2023 15:52	C23112907.D	
p & m-Xylene	179601-23-1	<25	25	11/29/2023 15:52	C23112907.D	
o-Xylene	95-47-6	<25	25	11/29/2023 15:52	C23112907.D	
1,2,3-Trichloropropane	96-18-4	<10	10	11/29/2023 15:52	C23112907.D	
Isopropylbenzene	98-82-8	<25	25	11/29/2023 15:52	C23112907.D	
1,3,5-Trimethylbenzene	108-67-8	<25	25	11/29/2023 15:52	C23112907.D	
1,2,4-Trimethylbenzene	95-63-6	<25	25	11/29/2023 15:52	C23112907.D	
1,3-Dichlorobenzene	541-73-1	<10	10	11/29/2023 15:52	C23112907.D	
1,4-Dichlorobenzene	106-46-7	<10	10	11/29/2023 15:52	C23112907.D	
1,2-Dichlorobenzene	95-50-1	<10	10	11/29/2023 15:52	C23112907.D	
1,2,4-Trichlorobenzene	120-82-1	<10	10	11/29/2023 15:52	C23112907.D	
Naphthalene	91-20-3	<25	25	11/29/2023 15:52	C23112907.D	
1,2,3-Trichlorobenzene	87-61-6	<10	10	11/29/2023 15:52	C23112907.D	
2-Methylnaphthalene	91-57-6	<25	25	11/29/2023 15:52	C23112907.D	
ε TPH C5-C8		<5,000	5,000	11/29/2023 15:52	C23112907.D	
ε TPH C9-C15		<5,000	5,000	11/29/2023 15:52	C23112907.D	
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	96.5%	70-130		11/29/2023 15:52	C23112907.D
Surrogate: Toluene-d8	2037-26-5	95.6%	70-130		11/29/2023 15:52	C23112907.D
Surrogate: Bromofluorobenzene	460-00-4	91.4%	70-130		11/29/2023 15:52	C23112907.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-03	06R_SG_03_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/29/2023 16:20	C23112908.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 16:20	C23112908.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 16:20	C23112908.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 16:20	C23112908.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 16:20	C23112908.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 16:20	C23112908.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 16:20	C23112908.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 16:20	C23112908.D
Chloroform	67-66-3	<10		10	11/29/2023 16:20	C23112908.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 16:20	C23112908.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 16:20	C23112908.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 16:20	C23112908.D
Benzene	71-43-2	<25		25	11/29/2023 16:20	C23112908.D
Trichloroethene	79-01-6	<10		10	11/29/2023 16:20	C23112908.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 16:20	C23112908.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 16:20	C23112908.D
Toluene	108-88-3	<25		25	11/29/2023 16:20	C23112908.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 16:20	C23112908.D
Tetrachloroethene	127-18-4	<10		10	11/29/2023 16:20	C23112908.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 16:20	C23112908.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 16:20	C23112908.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 16:20	C23112908.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 16:20	C23112908.D
o-Xylene	95-47-6	<25		25	11/29/2023 16:20	C23112908.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 16:20	C23112908.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 16:20	C23112908.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 16:20	C23112908.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 16:20	C23112908.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 16:20	C23112908.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 16:20	C23112908.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 16:20	C23112908.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 16:20	C23112908.D
Naphthalene	91-20-3	<25		25	11/29/2023 16:20	C23112908.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 16:20	C23112908.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 16:20	C23112908.D
ε TPH C5-C8		<5,000		5,000	11/29/2023 16:20	C23112908.D
ε TPH C9-C15		<5,000		5,000	11/29/2023 16:20	C23112908.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	95.4%	70-130		11/29/2023 16:20	C23112908.D
Surrogate: Toluene-d8	2037-26-5	93.3%	70-130		11/29/2023 16:20	C23112908.D
Surrogate: Bromofluorobenzene	460-00-4	90.5%	70-130		11/29/2023 16:20	C23112908.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-04

06R_SG_04_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/29/2023 16:48	C23112909.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 16:48	C23112909.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 16:48	C23112909.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 16:48	C23112909.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 16:48	C23112909.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 16:48	C23112909.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 16:48	C23112909.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 16:48	C23112909.D
Chloroform	67-66-3	<10		10	11/29/2023 16:48	C23112909.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 16:48	C23112909.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 16:48	C23112909.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 16:48	C23112909.D
Benzene	71-43-2	<25		25	11/29/2023 16:48	C23112909.D
Trichloroethene	79-01-6	<10		10	11/29/2023 16:48	C23112909.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 16:48	C23112909.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 16:48	C23112909.D
Toluene	108-88-3	<25		25	11/29/2023 16:48	C23112909.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 16:48	C23112909.D
Tetrachloroethene	127-18-4	<10		10	11/29/2023 16:48	C23112909.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 16:48	C23112909.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 16:48	C23112909.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 16:48	C23112909.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 16:48	C23112909.D
o-Xylene	95-47-6	<25		25	11/29/2023 16:48	C23112909.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 16:48	C23112909.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 16:48	C23112909.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 16:48	C23112909.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 16:48	C23112909.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 16:48	C23112909.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 16:48	C23112909.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 16:48	C23112909.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 16:48	C23112909.D
Naphthalene	91-20-3	<25		25	11/29/2023 16:48	C23112909.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 16:48	C23112909.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 16:48	C23112909.D
∑ TPH C5-C8		<5,000		5,000	11/29/2023 16:48	C23112909.D
∑ TPH C9-C15		<5,000		5,000	11/29/2023 16:48	C23112909.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.5%	70-130		11/29/2023 16:48	C23112909.D
Surrogate: Toluene-d8	2037-26-5	91.8%	70-130		11/29/2023 16:48	C23112909.D
Surrogate: Bromofluorobenzene	460-00-4	93.0%	70-130		11/29/2023 16:48	C23112909.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-05

06R_SG_05_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/29/2023 17:16	C23112910.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 17:16	C23112910.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 17:16	C23112910.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 17:16	C23112910.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 17:16	C23112910.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 17:16	C23112910.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 17:16	C23112910.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 17:16	C23112910.D
Chloroform	67-66-3	<10		10	11/29/2023 17:16	C23112910.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 17:16	C23112910.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 17:16	C23112910.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 17:16	C23112910.D
Benzene	71-43-2	<25		25	11/29/2023 17:16	C23112910.D
Trichloroethene	79-01-6	<10		10	11/29/2023 17:16	C23112910.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 17:16	C23112910.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 17:16	C23112910.D
Toluene	108-88-3	<25		25	11/29/2023 17:16	C23112910.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 17:16	C23112910.D
Tetrachloroethene	127-18-4	<10		10	11/29/2023 17:16	C23112910.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 17:16	C23112910.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 17:16	C23112910.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 17:16	C23112910.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 17:16	C23112910.D
o-Xylene	95-47-6	<25		25	11/29/2023 17:16	C23112910.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 17:16	C23112910.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 17:16	C23112910.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 17:16	C23112910.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 17:16	C23112910.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 17:16	C23112910.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 17:16	C23112910.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 17:16	C23112910.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 17:16	C23112910.D
Naphthalene	91-20-3	<25		25	11/29/2023 17:16	C23112910.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 17:16	C23112910.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 17:16	C23112910.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 17:16	C23112910.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 17:16	C23112910.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.2%	70-130		11/29/2023 17:16	C23112910.D
Surrogate: Toluene-d8	2037-26-5	91.0%	70-130		11/29/2023 17:16	C23112910.D
Surrogate: Bromofluorobenzene	460-00-4	92.3%	70-130		11/29/2023 17:16	C23112910.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-06

06R_SG_06_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/29/2023 17:45	C23112911.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 17:45	C23112911.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 17:45	C23112911.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 17:45	C23112911.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 17:45	C23112911.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 17:45	C23112911.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 17:45	C23112911.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 17:45	C23112911.D
Chloroform	67-66-3	<10		10	11/29/2023 17:45	C23112911.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 17:45	C23112911.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 17:45	C23112911.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 17:45	C23112911.D
Benzene	71-43-2	<25		25	11/29/2023 17:45	C23112911.D
Trichloroethene	79-01-6	<10		10	11/29/2023 17:45	C23112911.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 17:45	C23112911.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 17:45	C23112911.D
Toluene	108-88-3	<25		25	11/29/2023 17:45	C23112911.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 17:45	C23112911.D
Tetrachloroethene	127-18-4	<10		10	11/29/2023 17:45	C23112911.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 17:45	C23112911.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 17:45	C23112911.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 17:45	C23112911.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 17:45	C23112911.D
o-Xylene	95-47-6	<25		25	11/29/2023 17:45	C23112911.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 17:45	C23112911.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 17:45	C23112911.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 17:45	C23112911.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 17:45	C23112911.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 17:45	C23112911.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 17:45	C23112911.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 17:45	C23112911.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 17:45	C23112911.D
Naphthalene	91-20-3	<25		25	11/29/2023 17:45	C23112911.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 17:45	C23112911.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 17:45	C23112911.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 17:45	C23112911.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 17:45	C23112911.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	95.7%	70-130		11/29/2023 17:45	C23112911.D
Surrogate: Toluene-d8	2037-26-5	92.9%	70-130		11/29/2023 17:45	C23112911.D
Surrogate: Bromofluorobenzene	460-00-4	92.6%	70-130		11/29/2023 17:45	C23112911.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-07

06R_SG_07_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/29/2023 18:13	C23112912.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 18:13	C23112912.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 18:13	C23112912.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 18:13	C23112912.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 18:13	C23112912.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 18:13	C23112912.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 18:13	C23112912.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 18:13	C23112912.D
Chloroform	67-66-3	<10		10	11/29/2023 18:13	C23112912.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 18:13	C23112912.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 18:13	C23112912.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 18:13	C23112912.D
Benzene	71-43-2	<25		25	11/29/2023 18:13	C23112912.D
Trichloroethene	79-01-6	<10		10	11/29/2023 18:13	C23112912.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 18:13	C23112912.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 18:13	C23112912.D
Toluene	108-88-3	<25		25	11/29/2023 18:13	C23112912.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 18:13	C23112912.D
Tetrachloroethene	127-18-4	<10		10	11/29/2023 18:13	C23112912.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 18:13	C23112912.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 18:13	C23112912.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 18:13	C23112912.D
p & m-Xylene	179601-23-1	91		25	11/29/2023 18:13	C23112912.D
o-Xylene	95-47-6	30		25	11/29/2023 18:13	C23112912.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 18:13	C23112912.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 18:13	C23112912.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 18:13	C23112912.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 18:13	C23112912.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 18:13	C23112912.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 18:13	C23112912.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 18:13	C23112912.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 18:13	C23112912.D
Naphthalene	91-20-3	<25		25	11/29/2023 18:13	C23112912.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 18:13	C23112912.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 18:13	C23112912.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 18:13	C23112912.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 18:13	C23112912.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	95.1%	70-130		11/29/2023 18:13	C23112912.D
Surrogate: Toluene-d8	2037-26-5	93.5%	70-130		11/29/2023 18:13	C23112912.D
Surrogate: Bromofluorobenzene	460-00-4	89.8%	70-130		11/29/2023 18:13	C23112912.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-08

06R_SG_08_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/29/2023 18:40	C23112913.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 18:40	C23112913.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 18:40	C23112913.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 18:40	C23112913.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 18:40	C23112913.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 18:40	C23112913.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 18:40	C23112913.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 18:40	C23112913.D
Chloroform	67-66-3	<10		10	11/29/2023 18:40	C23112913.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 18:40	C23112913.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 18:40	C23112913.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 18:40	C23112913.D
Benzene	71-43-2	<25		25	11/29/2023 18:40	C23112913.D
Trichloroethene	79-01-6	<10		10	11/29/2023 18:40	C23112913.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 18:40	C23112913.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 18:40	C23112913.D
Toluene	108-88-3	<25		25	11/29/2023 18:40	C23112913.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 18:40	C23112913.D
Tetrachloroethene	127-18-4	<10		10	11/29/2023 18:40	C23112913.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 18:40	C23112913.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 18:40	C23112913.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 18:40	C23112913.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 18:40	C23112913.D
o-Xylene	95-47-6	<25		25	11/29/2023 18:40	C23112913.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 18:40	C23112913.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 18:40	C23112913.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 18:40	C23112913.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 18:40	C23112913.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 18:40	C23112913.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 18:40	C23112913.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 18:40	C23112913.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 18:40	C23112913.D
Naphthalene	91-20-3	<25		25	11/29/2023 18:40	C23112913.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 18:40	C23112913.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 18:40	C23112913.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 18:40	C23112913.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 18:40	C23112913.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	94.9%	70-130		11/29/2023 18:40	C23112913.D
Surrogate: Toluene-d8	2037-26-5	93.1%	70-130		11/29/2023 18:40	C23112913.D
Surrogate: Bromofluorobenzene	460-00-4	91.8%	70-130		11/29/2023 18:40	C23112913.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-09	06R_SG_09_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/29/2023 19:08	C23112914.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 19:08	C23112914.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 19:08	C23112914.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 19:08	C23112914.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 19:08	C23112914.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 19:08	C23112914.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 19:08	C23112914.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 19:08	C23112914.D
Chloroform	67-66-3	<10		10	11/29/2023 19:08	C23112914.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 19:08	C23112914.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 19:08	C23112914.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 19:08	C23112914.D
Benzene	71-43-2	115		25	11/29/2023 19:08	C23112914.D
Trichloroethene	79-01-6	<10		10	11/29/2023 19:08	C23112914.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 19:08	C23112914.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 19:08	C23112914.D
Toluene	108-88-3	<25		25	11/29/2023 19:08	C23112914.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 19:08	C23112914.D
Tetrachloroethene	127-18-4	<10		10	11/29/2023 19:08	C23112914.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 19:08	C23112914.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 19:08	C23112914.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 19:08	C23112914.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 19:08	C23112914.D
o-Xylene	95-47-6	<25		25	11/29/2023 19:08	C23112914.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 19:08	C23112914.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 19:08	C23112914.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 19:08	C23112914.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 19:08	C23112914.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 19:08	C23112914.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 19:08	C23112914.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 19:08	C23112914.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 19:08	C23112914.D
Naphthalene	91-20-3	<25		25	11/29/2023 19:08	C23112914.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 19:08	C23112914.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 19:08	C23112914.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 19:08	C23112914.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 19:08	C23112914.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.3%	70-130		11/29/2023 19:08	C23112914.D
Surrogate: Toluene-d8	2037-26-5	94.4%	70-130		11/29/2023 19:08	C23112914.D
Surrogate: Bromofluorobenzene	460-00-4	92.7%	70-130		11/29/2023 19:08	C23112914.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-10

06R_SG_10_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/29/2023 19:36	C23112915.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 19:36	C23112915.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 19:36	C23112915.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 19:36	C23112915.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 19:36	C23112915.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 19:36	C23112915.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 19:36	C23112915.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 19:36	C23112915.D
Chloroform	67-66-3	<10		10	11/29/2023 19:36	C23112915.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 19:36	C23112915.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 19:36	C23112915.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 19:36	C23112915.D
Benzene	71-43-2	55		25	11/29/2023 19:36	C23112915.D
Trichloroethene	79-01-6	<10		10	11/29/2023 19:36	C23112915.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 19:36	C23112915.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 19:36	C23112915.D
Toluene	108-88-3	<25		25	11/29/2023 19:36	C23112915.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 19:36	C23112915.D
Tetrachloroethene	127-18-4	<10		10	11/29/2023 19:36	C23112915.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 19:36	C23112915.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 19:36	C23112915.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 19:36	C23112915.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 19:36	C23112915.D
o-Xylene	95-47-6	<25		25	11/29/2023 19:36	C23112915.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 19:36	C23112915.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 19:36	C23112915.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 19:36	C23112915.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 19:36	C23112915.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 19:36	C23112915.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 19:36	C23112915.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 19:36	C23112915.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 19:36	C23112915.D
Naphthalene	91-20-3	<25		25	11/29/2023 19:36	C23112915.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 19:36	C23112915.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 19:36	C23112915.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 19:36	C23112915.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 19:36	C23112915.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	94.8%	70-130		11/29/2023 19:36	C23112915.D
Surrogate: Toluene-d8	2037-26-5	94.1%	70-130		11/29/2023 19:36	C23112915.D
Surrogate: Bromofluorobenzene	460-00-4	92.7%	70-130		11/29/2023 19:36	C23112915.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-11

06R_SG_11_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/29/2023 20:05	C23112916.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 20:05	C23112916.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 20:05	C23112916.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 20:05	C23112916.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 20:05	C23112916.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 20:05	C23112916.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 20:05	C23112916.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 20:05	C23112916.D
Chloroform	67-66-3	<10		10	11/29/2023 20:05	C23112916.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 20:05	C23112916.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 20:05	C23112916.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 20:05	C23112916.D
Benzene	71-43-2	25		25	11/29/2023 20:05	C23112916.D
Trichloroethene	79-01-6	<10		10	11/29/2023 20:05	C23112916.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 20:05	C23112916.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 20:05	C23112916.D
Toluene	108-88-3	<25		25	11/29/2023 20:05	C23112916.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 20:05	C23112916.D
Tetrachloroethene	127-18-4	<10		10	11/29/2023 20:05	C23112916.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 20:05	C23112916.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 20:05	C23112916.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 20:05	C23112916.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 20:05	C23112916.D
o-Xylene	95-47-6	<25		25	11/29/2023 20:05	C23112916.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 20:05	C23112916.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 20:05	C23112916.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 20:05	C23112916.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 20:05	C23112916.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 20:05	C23112916.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 20:05	C23112916.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 20:05	C23112916.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 20:05	C23112916.D
Naphthalene	91-20-3	<25		25	11/29/2023 20:05	C23112916.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 20:05	C23112916.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 20:05	C23112916.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 20:05	C23112916.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 20:05	C23112916.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	96.9%	70-130		11/29/2023 20:05	C23112916.D
Surrogate: Toluene-d8	2037-26-5	92.2%	70-130		11/29/2023 20:05	C23112916.D
Surrogate: Bromofluorobenzene	460-00-4	94.1%	70-130		11/29/2023 20:05	C23112916.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-12

06R_SG_12_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/29/2023 20:33	C23112917.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 20:33	C23112917.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 20:33	C23112917.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 20:33	C23112917.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 20:33	C23112917.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 20:33	C23112917.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 20:33	C23112917.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 20:33	C23112917.D
Chloroform	67-66-3	<10		10	11/29/2023 20:33	C23112917.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 20:33	C23112917.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 20:33	C23112917.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 20:33	C23112917.D
Benzene	71-43-2	<25		25	11/29/2023 20:33	C23112917.D
Trichloroethene	79-01-6	<10		10	11/29/2023 20:33	C23112917.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 20:33	C23112917.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 20:33	C23112917.D
Toluene	108-88-3	<25		25	11/29/2023 20:33	C23112917.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 20:33	C23112917.D
Tetrachloroethene	127-18-4	22		10	11/29/2023 20:33	C23112917.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 20:33	C23112917.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 20:33	C23112917.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 20:33	C23112917.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 20:33	C23112917.D
o-Xylene	95-47-6	<25		25	11/29/2023 20:33	C23112917.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 20:33	C23112917.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 20:33	C23112917.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 20:33	C23112917.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 20:33	C23112917.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 20:33	C23112917.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 20:33	C23112917.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 20:33	C23112917.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 20:33	C23112917.D
Naphthalene	91-20-3	<25		25	11/29/2023 20:33	C23112917.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 20:33	C23112917.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 20:33	C23112917.D
ε TPH C5-C8		<5,000		5,000	11/29/2023 20:33	C23112917.D
ε TPH C9-C15		<5,000		5,000	11/29/2023 20:33	C23112917.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	94.1%	70-130		11/29/2023 20:33	C23112917.D
Surrogate: Toluene-d8	2037-26-5	93.9%	70-130		11/29/2023 20:33	C23112917.D
Surrogate: Bromofluorobenzene	460-00-4	90.5%	70-130		11/29/2023 20:33	C23112917.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-13

06R_SG_13_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/29/2023 21:01	C23112918.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 21:01	C23112918.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 21:01	C23112918.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 21:01	C23112918.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 21:01	C23112918.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 21:01	C23112918.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 21:01	C23112918.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 21:01	C23112918.D
Chloroform	67-66-3	<10		10	11/29/2023 21:01	C23112918.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 21:01	C23112918.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 21:01	C23112918.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 21:01	C23112918.D
Benzene	71-43-2	<25		25	11/29/2023 21:01	C23112918.D
Trichloroethene	79-01-6	<10		10	11/29/2023 21:01	C23112918.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 21:01	C23112918.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 21:01	C23112918.D
Toluene	108-88-3	<25		25	11/29/2023 21:01	C23112918.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 21:01	C23112918.D
Tetrachloroethene	127-18-4	17		10	11/29/2023 21:01	C23112918.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 21:01	C23112918.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 21:01	C23112918.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 21:01	C23112918.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 21:01	C23112918.D
o-Xylene	95-47-6	<25		25	11/29/2023 21:01	C23112918.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 21:01	C23112918.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 21:01	C23112918.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 21:01	C23112918.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 21:01	C23112918.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 21:01	C23112918.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 21:01	C23112918.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 21:01	C23112918.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 21:01	C23112918.D
Naphthalene	91-20-3	<25		25	11/29/2023 21:01	C23112918.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 21:01	C23112918.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 21:01	C23112918.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 21:01	C23112918.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 21:01	C23112918.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	94.1%	70-130		11/29/2023 21:01	C23112918.D
Surrogate: Toluene-d8	2037-26-5	93.0%	70-130		11/29/2023 21:01	C23112918.D
Surrogate: Bromofluorobenzene	460-00-4	94.5%	70-130		11/29/2023 21:01	C23112918.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-14

06R_SG_14_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/29/2023 21:28	C23112919.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 21:28	C23112919.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 21:28	C23112919.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 21:28	C23112919.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 21:28	C23112919.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 21:28	C23112919.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 21:28	C23112919.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 21:28	C23112919.D
Chloroform	67-66-3	<10		10	11/29/2023 21:28	C23112919.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 21:28	C23112919.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 21:28	C23112919.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 21:28	C23112919.D
Benzene	71-43-2	<25		25	11/29/2023 21:28	C23112919.D
Trichloroethene	79-01-6	<10		10	11/29/2023 21:28	C23112919.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 21:28	C23112919.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 21:28	C23112919.D
Toluene	108-88-3	<25		25	11/29/2023 21:28	C23112919.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 21:28	C23112919.D
Tetrachloroethene	127-18-4	<10		10	11/29/2023 21:28	C23112919.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 21:28	C23112919.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 21:28	C23112919.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 21:28	C23112919.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 21:28	C23112919.D
o-Xylene	95-47-6	<25		25	11/29/2023 21:28	C23112919.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 21:28	C23112919.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 21:28	C23112919.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 21:28	C23112919.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 21:28	C23112919.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 21:28	C23112919.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 21:28	C23112919.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 21:28	C23112919.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 21:28	C23112919.D
Naphthalene	91-20-3	<25		25	11/29/2023 21:28	C23112919.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 21:28	C23112919.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 21:28	C23112919.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 21:28	C23112919.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 21:28	C23112919.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	95.3%	70-130		11/29/2023 21:28	C23112919.D
Surrogate: Toluene-d8	2037-26-5	91.9%	70-130		11/29/2023 21:28	C23112919.D
Surrogate: Bromofluorobenzene	460-00-4	94.3%	70-130		11/29/2023 21:28	C23112919.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-15

06R_SG_15_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/29/2023 21:56	C23112920.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 21:56	C23112920.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 21:56	C23112920.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 21:56	C23112920.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 21:56	C23112920.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 21:56	C23112920.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 21:56	C23112920.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 21:56	C23112920.D
Chloroform	67-66-3	<10		10	11/29/2023 21:56	C23112920.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 21:56	C23112920.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 21:56	C23112920.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 21:56	C23112920.D
Benzene	71-43-2	<25		25	11/29/2023 21:56	C23112920.D
Trichloroethene	79-01-6	<10		10	11/29/2023 21:56	C23112920.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 21:56	C23112920.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 21:56	C23112920.D
Toluene	108-88-3	<25		25	11/29/2023 21:56	C23112920.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 21:56	C23112920.D
Tetrachloroethene	127-18-4	<10		10	11/29/2023 21:56	C23112920.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 21:56	C23112920.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 21:56	C23112920.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 21:56	C23112920.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 21:56	C23112920.D
o-Xylene	95-47-6	<25		25	11/29/2023 21:56	C23112920.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 21:56	C23112920.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 21:56	C23112920.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 21:56	C23112920.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 21:56	C23112920.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 21:56	C23112920.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 21:56	C23112920.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 21:56	C23112920.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 21:56	C23112920.D
Naphthalene	91-20-3	<25		25	11/29/2023 21:56	C23112920.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 21:56	C23112920.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 21:56	C23112920.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 21:56	C23112920.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 21:56	C23112920.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	95.0%	70-130		11/29/2023 21:56	C23112920.D
Surrogate: Toluene-d8	2037-26-5	92.7%	70-130		11/29/2023 21:56	C23112920.D
Surrogate: Bromofluorobenzene	460-00-4	89.0%	70-130		11/29/2023 21:56	C23112920.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-16

06R_SG_16_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/29/2023 22:25	C23112921.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 22:25	C23112921.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 22:25	C23112921.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 22:25	C23112921.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 22:25	C23112921.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 22:25	C23112921.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 22:25	C23112921.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 22:25	C23112921.D
Chloroform	67-66-3	<10		10	11/29/2023 22:25	C23112921.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 22:25	C23112921.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 22:25	C23112921.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 22:25	C23112921.D
Benzene	71-43-2	<25		25	11/29/2023 22:25	C23112921.D
Trichloroethene	79-01-6	<10		10	11/29/2023 22:25	C23112921.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 22:25	C23112921.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 22:25	C23112921.D
Toluene	108-88-3	<25		25	11/29/2023 22:25	C23112921.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 22:25	C23112921.D
Tetrachloroethene	127-18-4	<10		10	11/29/2023 22:25	C23112921.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 22:25	C23112921.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 22:25	C23112921.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 22:25	C23112921.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 22:25	C23112921.D
o-Xylene	95-47-6	<25		25	11/29/2023 22:25	C23112921.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 22:25	C23112921.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 22:25	C23112921.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 22:25	C23112921.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 22:25	C23112921.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 22:25	C23112921.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 22:25	C23112921.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 22:25	C23112921.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 22:25	C23112921.D
Naphthalene	91-20-3	<25		25	11/29/2023 22:25	C23112921.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 22:25	C23112921.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 22:25	C23112921.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 22:25	C23112921.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 22:25	C23112921.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	94.1%	70-130		11/29/2023 22:25	C23112921.D
Surrogate: Toluene-d8	2037-26-5	92.4%	70-130		11/29/2023 22:25	C23112921.D
Surrogate: Bromofluorobenzene	460-00-4	92.9%	70-130		11/29/2023 22:25	C23112921.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-17

06R_SG_17_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/29/2023 22:53	C23112922.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 22:53	C23112922.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 22:53	C23112922.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 22:53	C23112922.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 22:53	C23112922.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 22:53	C23112922.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 22:53	C23112922.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 22:53	C23112922.D
Chloroform	67-66-3	<10		10	11/29/2023 22:53	C23112922.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 22:53	C23112922.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 22:53	C23112922.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 22:53	C23112922.D
Benzene	71-43-2	<25		25	11/29/2023 22:53	C23112922.D
Trichloroethene	79-01-6	<10		10	11/29/2023 22:53	C23112922.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 22:53	C23112922.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 22:53	C23112922.D
Toluene	108-88-3	<25		25	11/29/2023 22:53	C23112922.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 22:53	C23112922.D
Tetrachloroethene	127-18-4	51		10	11/29/2023 22:53	C23112922.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 22:53	C23112922.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 22:53	C23112922.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 22:53	C23112922.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 22:53	C23112922.D
o-Xylene	95-47-6	<25		25	11/29/2023 22:53	C23112922.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 22:53	C23112922.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 22:53	C23112922.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 22:53	C23112922.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 22:53	C23112922.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 22:53	C23112922.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 22:53	C23112922.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 22:53	C23112922.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 22:53	C23112922.D
Naphthalene	91-20-3	<25		25	11/29/2023 22:53	C23112922.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 22:53	C23112922.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 22:53	C23112922.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 22:53	C23112922.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 22:53	C23112922.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.2%	70-130		11/29/2023 22:53	C23112922.D
Surrogate: Toluene-d8	2037-26-5	92.4%	70-130		11/29/2023 22:53	C23112922.D
Surrogate: Bromofluorobenzene	460-00-4	93.5%	70-130		11/29/2023 22:53	C23112922.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-18	06R_SG_18_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/29/2023 23:20	C23112923.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 23:20	C23112923.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 23:20	C23112923.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 23:20	C23112923.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 23:20	C23112923.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 23:20	C23112923.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 23:20	C23112923.D
cis-1,2-Dichloroethene	156-59-2	28		10	11/29/2023 23:20	C23112923.D
Chloroform	67-66-3	<10		10	11/29/2023 23:20	C23112923.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 23:20	C23112923.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 23:20	C23112923.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 23:20	C23112923.D
Benzene	71-43-2	39		25	11/29/2023 23:20	C23112923.D
Trichloroethene	79-01-6	985		10	11/29/2023 23:20	C23112923.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 23:20	C23112923.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 23:20	C23112923.D
Toluene	108-88-3	<25		25	11/29/2023 23:20	C23112923.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 23:20	C23112923.D
Tetrachloroethene	127-18-4	8,390		10	11/29/2023 23:20	C23112923.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 23:20	C23112923.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 23:20	C23112923.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 23:20	C23112923.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 23:20	C23112923.D
o-Xylene	95-47-6	<25		25	11/29/2023 23:20	C23112923.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 23:20	C23112923.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 23:20	C23112923.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 23:20	C23112923.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 23:20	C23112923.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 23:20	C23112923.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 23:20	C23112923.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 23:20	C23112923.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 23:20	C23112923.D
Naphthalene	91-20-3	<25		25	11/29/2023 23:20	C23112923.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 23:20	C23112923.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 23:20	C23112923.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 23:20	C23112923.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 23:20	C23112923.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	92.9%	70-130		11/29/2023 23:20	C23112923.D
Surrogate: Toluene-d8	2037-26-5	91.8%	70-130		11/29/2023 23:20	C23112923.D
Surrogate: Bromofluorobenzene	460-00-4	91.9%	70-130		11/29/2023 23:20	C23112923.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-19

06R_SG_19_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/29/2023 23:48	C23112924.D
1,1-Dichloroethene	75-35-4	<10		10	11/29/2023 23:48	C23112924.D
Methylene Chloride	75-09-2	<10		10	11/29/2023 23:48	C23112924.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/29/2023 23:48	C23112924.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/29/2023 23:48	C23112924.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/29/2023 23:48	C23112924.D
1,1-Dichloroethane	75-34-3	<10		10	11/29/2023 23:48	C23112924.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/29/2023 23:48	C23112924.D
Chloroform	67-66-3	<10		10	11/29/2023 23:48	C23112924.D
1,2-Dichloroethane	107-06-2	<10		10	11/29/2023 23:48	C23112924.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/29/2023 23:48	C23112924.D
Carbon Tetrachloride	56-23-5	<10		10	11/29/2023 23:48	C23112924.D
Benzene	71-43-2	<25		25	11/29/2023 23:48	C23112924.D
Trichloroethene	79-01-6	<10		10	11/29/2023 23:48	C23112924.D
1,4-Dioxane	123-91-1	<10		10	11/29/2023 23:48	C23112924.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/29/2023 23:48	C23112924.D
Toluene	108-88-3	<25		25	11/29/2023 23:48	C23112924.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/29/2023 23:48	C23112924.D
Tetrachloroethene	127-18-4	45		10	11/29/2023 23:48	C23112924.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/29/2023 23:48	C23112924.D
Chlorobenzene	108-90-7	<10		10	11/29/2023 23:48	C23112924.D
Ethylbenzene	100-41-4	<25		25	11/29/2023 23:48	C23112924.D
p & m-Xylene	179601-23-1	<25		25	11/29/2023 23:48	C23112924.D
o-Xylene	95-47-6	<25		25	11/29/2023 23:48	C23112924.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/29/2023 23:48	C23112924.D
Isopropylbenzene	98-82-8	<25		25	11/29/2023 23:48	C23112924.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/29/2023 23:48	C23112924.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/29/2023 23:48	C23112924.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/29/2023 23:48	C23112924.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/29/2023 23:48	C23112924.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/29/2023 23:48	C23112924.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/29/2023 23:48	C23112924.D
Naphthalene	91-20-3	<25		25	11/29/2023 23:48	C23112924.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/29/2023 23:48	C23112924.D
2-Methylnaphthalene	91-57-6	<25		25	11/29/2023 23:48	C23112924.D
☉ TPH C5-C8		<5,000		5,000	11/29/2023 23:48	C23112924.D
☉ TPH C9-C15		<5,000		5,000	11/29/2023 23:48	C23112924.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.3%	70-130		11/29/2023 23:48	C23112924.D
Surrogate: Toluene-d8	2037-26-5	91.4%	70-130		11/29/2023 23:48	C23112924.D
Surrogate: Bromofluorobenzene	460-00-4	94.3%	70-130		11/29/2023 23:48	C23112924.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-20

06R_SG_20_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/30/2023 00:16	C23112925.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 00:16	C23112925.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 00:16	C23112925.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 00:16	C23112925.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 00:16	C23112925.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 00:16	C23112925.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 00:16	C23112925.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 00:16	C23112925.D
Chloroform	67-66-3	<10		10	11/30/2023 00:16	C23112925.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 00:16	C23112925.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 00:16	C23112925.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 00:16	C23112925.D
Benzene	71-43-2	<25		25	11/30/2023 00:16	C23112925.D
Trichloroethene	79-01-6	<10		10	11/30/2023 00:16	C23112925.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 00:16	C23112925.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 00:16	C23112925.D
Toluene	108-88-3	<25		25	11/30/2023 00:16	C23112925.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 00:16	C23112925.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 00:16	C23112925.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 00:16	C23112925.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 00:16	C23112925.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 00:16	C23112925.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 00:16	C23112925.D
o-Xylene	95-47-6	<25		25	11/30/2023 00:16	C23112925.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 00:16	C23112925.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 00:16	C23112925.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 00:16	C23112925.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 00:16	C23112925.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 00:16	C23112925.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 00:16	C23112925.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 00:16	C23112925.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 00:16	C23112925.D
Naphthalene	91-20-3	<25		25	11/30/2023 00:16	C23112925.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 00:16	C23112925.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 00:16	C23112925.D
ε TPH C5-C8		<5,000		5,000	11/30/2023 00:16	C23112925.D
ε TPH C9-C15		<5,000		5,000	11/30/2023 00:16	C23112925.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	92.5%	70-130		11/30/2023 00:16	C23112925.D
Surrogate: Toluene-d8	2037-26-5	92.3%	70-130		11/30/2023 00:16	C23112925.D
Surrogate: Bromofluorobenzene	460-00-4	95.0%	70-130		11/30/2023 00:16	C23112925.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-21	06R_SG_21_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/30/2023 00:45	C23112926.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 00:45	C23112926.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 00:45	C23112926.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 00:45	C23112926.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 00:45	C23112926.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 00:45	C23112926.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 00:45	C23112926.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 00:45	C23112926.D
Chloroform	67-66-3	<10		10	11/30/2023 00:45	C23112926.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 00:45	C23112926.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 00:45	C23112926.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 00:45	C23112926.D
Benzene	71-43-2	37		25	11/30/2023 00:45	C23112926.D
Trichloroethene	79-01-6	<10		10	11/30/2023 00:45	C23112926.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 00:45	C23112926.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 00:45	C23112926.D
Toluene	108-88-3	<25		25	11/30/2023 00:45	C23112926.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 00:45	C23112926.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 00:45	C23112926.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 00:45	C23112926.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 00:45	C23112926.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 00:45	C23112926.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 00:45	C23112926.D
o-Xylene	95-47-6	<25		25	11/30/2023 00:45	C23112926.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 00:45	C23112926.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 00:45	C23112926.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 00:45	C23112926.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 00:45	C23112926.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 00:45	C23112926.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 00:45	C23112926.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 00:45	C23112926.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 00:45	C23112926.D
Naphthalene	91-20-3	<25		25	11/30/2023 00:45	C23112926.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 00:45	C23112926.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 00:45	C23112926.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 00:45	C23112926.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 00:45	C23112926.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	96.0%	70-130		11/30/2023 00:45	C23112926.D
Surrogate: Toluene-d8	2037-26-5	90.9%	70-130		11/30/2023 00:45	C23112926.D
Surrogate: Bromofluorobenzene	460-00-4	93.0%	70-130		11/30/2023 00:45	C23112926.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-22

06R_SG_22_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/30/2023 01:13	C23112927.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 01:13	C23112927.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 01:13	C23112927.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 01:13	C23112927.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 01:13	C23112927.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 01:13	C23112927.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 01:13	C23112927.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 01:13	C23112927.D
Chloroform	67-66-3	<10		10	11/30/2023 01:13	C23112927.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 01:13	C23112927.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 01:13	C23112927.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 01:13	C23112927.D
Benzene	71-43-2	<25		25	11/30/2023 01:13	C23112927.D
Trichloroethene	79-01-6	<10		10	11/30/2023 01:13	C23112927.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 01:13	C23112927.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 01:13	C23112927.D
Toluene	108-88-3	<25		25	11/30/2023 01:13	C23112927.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 01:13	C23112927.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 01:13	C23112927.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 01:13	C23112927.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 01:13	C23112927.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 01:13	C23112927.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 01:13	C23112927.D
o-Xylene	95-47-6	<25		25	11/30/2023 01:13	C23112927.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 01:13	C23112927.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 01:13	C23112927.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 01:13	C23112927.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 01:13	C23112927.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 01:13	C23112927.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 01:13	C23112927.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 01:13	C23112927.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 01:13	C23112927.D
Naphthalene	91-20-3	<25		25	11/30/2023 01:13	C23112927.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 01:13	C23112927.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 01:13	C23112927.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 01:13	C23112927.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 01:13	C23112927.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	90.5%	70-130		11/30/2023 01:13	C23112927.D
Surrogate: Toluene-d8	2037-26-5	92.1%	70-130		11/30/2023 01:13	C23112927.D
Surrogate: Bromofluorobenzene	460-00-4	91.8%	70-130		11/30/2023 01:13	C23112927.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-23

06R_SG_23_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/30/2023 01:40	C23112928.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 01:40	C23112928.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 01:40	C23112928.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 01:40	C23112928.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 01:40	C23112928.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 01:40	C23112928.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 01:40	C23112928.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 01:40	C23112928.D
Chloroform	67-66-3	<10		10	11/30/2023 01:40	C23112928.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 01:40	C23112928.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 01:40	C23112928.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 01:40	C23112928.D
Benzene	71-43-2	<25		25	11/30/2023 01:40	C23112928.D
Trichloroethene	79-01-6	<10		10	11/30/2023 01:40	C23112928.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 01:40	C23112928.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 01:40	C23112928.D
Toluene	108-88-3	<25		25	11/30/2023 01:40	C23112928.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 01:40	C23112928.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 01:40	C23112928.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 01:40	C23112928.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 01:40	C23112928.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 01:40	C23112928.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 01:40	C23112928.D
o-Xylene	95-47-6	<25		25	11/30/2023 01:40	C23112928.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 01:40	C23112928.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 01:40	C23112928.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 01:40	C23112928.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 01:40	C23112928.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 01:40	C23112928.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 01:40	C23112928.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 01:40	C23112928.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 01:40	C23112928.D
Naphthalene	91-20-3	<25		25	11/30/2023 01:40	C23112928.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 01:40	C23112928.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 01:40	C23112928.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 01:40	C23112928.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 01:40	C23112928.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.8%	70-130		11/30/2023 01:40	C23112928.D
Surrogate: Toluene-d8	2037-26-5	91.0%	70-130		11/30/2023 01:40	C23112928.D
Surrogate: Bromofluorobenzene	460-00-4	94.1%	70-130		11/30/2023 01:40	C23112928.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-24	06R_SG_24_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/30/2023 02:08	C23112929.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 02:08	C23112929.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 02:08	C23112929.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 02:08	C23112929.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 02:08	C23112929.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 02:08	C23112929.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 02:08	C23112929.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 02:08	C23112929.D
Chloroform	67-66-3	<10		10	11/30/2023 02:08	C23112929.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 02:08	C23112929.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 02:08	C23112929.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 02:08	C23112929.D
Benzene	71-43-2	<25		25	11/30/2023 02:08	C23112929.D
Trichloroethene	79-01-6	<10		10	11/30/2023 02:08	C23112929.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 02:08	C23112929.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 02:08	C23112929.D
Toluene	108-88-3	<25		25	11/30/2023 02:08	C23112929.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 02:08	C23112929.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 02:08	C23112929.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 02:08	C23112929.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 02:08	C23112929.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 02:08	C23112929.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 02:08	C23112929.D
o-Xylene	95-47-6	<25		25	11/30/2023 02:08	C23112929.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 02:08	C23112929.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 02:08	C23112929.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 02:08	C23112929.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 02:08	C23112929.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 02:08	C23112929.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 02:08	C23112929.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 02:08	C23112929.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 02:08	C23112929.D
Naphthalene	91-20-3	<25		25	11/30/2023 02:08	C23112929.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 02:08	C23112929.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 02:08	C23112929.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 02:08	C23112929.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 02:08	C23112929.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	90.1%	70-130		11/30/2023 02:08	C23112929.D
Surrogate: Toluene-d8	2037-26-5	93.5%	70-130		11/30/2023 02:08	C23112929.D
Surrogate: Bromofluorobenzene	460-00-4	96.1%	70-130		11/30/2023 02:08	C23112929.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-25	06R_SG_25_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/30/2023 02:36	C23112930.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 02:36	C23112930.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 02:36	C23112930.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 02:36	C23112930.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 02:36	C23112930.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 02:36	C23112930.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 02:36	C23112930.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 02:36	C23112930.D
Chloroform	67-66-3	<10		10	11/30/2023 02:36	C23112930.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 02:36	C23112930.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 02:36	C23112930.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 02:36	C23112930.D
Benzene	71-43-2	<25		25	11/30/2023 02:36	C23112930.D
Trichloroethene	79-01-6	<10		10	11/30/2023 02:36	C23112930.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 02:36	C23112930.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 02:36	C23112930.D
Toluene	108-88-3	<25		25	11/30/2023 02:36	C23112930.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 02:36	C23112930.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 02:36	C23112930.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 02:36	C23112930.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 02:36	C23112930.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 02:36	C23112930.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 02:36	C23112930.D
o-Xylene	95-47-6	<25		25	11/30/2023 02:36	C23112930.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 02:36	C23112930.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 02:36	C23112930.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 02:36	C23112930.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 02:36	C23112930.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 02:36	C23112930.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 02:36	C23112930.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 02:36	C23112930.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 02:36	C23112930.D
Naphthalene	91-20-3	<25		25	11/30/2023 02:36	C23112930.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 02:36	C23112930.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 02:36	C23112930.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 02:36	C23112930.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 02:36	C23112930.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	90.3%	70-130		11/30/2023 02:36	C23112930.D
Surrogate: Toluene-d8	2037-26-5	90.9%	70-130		11/30/2023 02:36	C23112930.D
Surrogate: Bromofluorobenzene	460-00-4	94.9%	70-130		11/30/2023 02:36	C23112930.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-26	06R_SG_26_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/30/2023 03:05	C23112931.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 03:05	C23112931.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 03:05	C23112931.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 03:05	C23112931.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 03:05	C23112931.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 03:05	C23112931.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 03:05	C23112931.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 03:05	C23112931.D
Chloroform	67-66-3	<10		10	11/30/2023 03:05	C23112931.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 03:05	C23112931.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 03:05	C23112931.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 03:05	C23112931.D
Benzene	71-43-2	<25		25	11/30/2023 03:05	C23112931.D
Trichloroethene	79-01-6	<10		10	11/30/2023 03:05	C23112931.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 03:05	C23112931.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 03:05	C23112931.D
Toluene	108-88-3	<25		25	11/30/2023 03:05	C23112931.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 03:05	C23112931.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 03:05	C23112931.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 03:05	C23112931.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 03:05	C23112931.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 03:05	C23112931.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 03:05	C23112931.D
o-Xylene	95-47-6	<25		25	11/30/2023 03:05	C23112931.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 03:05	C23112931.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 03:05	C23112931.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 03:05	C23112931.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 03:05	C23112931.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 03:05	C23112931.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 03:05	C23112931.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 03:05	C23112931.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 03:05	C23112931.D
Naphthalene	91-20-3	<25		25	11/30/2023 03:05	C23112931.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 03:05	C23112931.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 03:05	C23112931.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 03:05	C23112931.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 03:05	C23112931.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	89.8%	70-130		11/30/2023 03:05	C23112931.D
Surrogate: Toluene-d8	2037-26-5	92.5%	70-130		11/30/2023 03:05	C23112931.D
Surrogate: Bromofluorobenzene	460-00-4	95.8%	70-130		11/30/2023 03:05	C23112931.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-27

06R_SG_27_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/30/2023 03:33	C23112932.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 03:33	C23112932.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 03:33	C23112932.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 03:33	C23112932.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 03:33	C23112932.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 03:33	C23112932.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 03:33	C23112932.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 03:33	C23112932.D
Chloroform	67-66-3	<10		10	11/30/2023 03:33	C23112932.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 03:33	C23112932.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 03:33	C23112932.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 03:33	C23112932.D
Benzene	71-43-2	<25		25	11/30/2023 03:33	C23112932.D
Trichloroethene	79-01-6	<10		10	11/30/2023 03:33	C23112932.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 03:33	C23112932.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 03:33	C23112932.D
Toluene	108-88-3	<25		25	11/30/2023 03:33	C23112932.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 03:33	C23112932.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 03:33	C23112932.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 03:33	C23112932.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 03:33	C23112932.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 03:33	C23112932.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 03:33	C23112932.D
o-Xylene	95-47-6	<25		25	11/30/2023 03:33	C23112932.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 03:33	C23112932.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 03:33	C23112932.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 03:33	C23112932.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 03:33	C23112932.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 03:33	C23112932.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 03:33	C23112932.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 03:33	C23112932.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 03:33	C23112932.D
Naphthalene	91-20-3	<25		25	11/30/2023 03:33	C23112932.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 03:33	C23112932.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 03:33	C23112932.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 03:33	C23112932.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 03:33	C23112932.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	88.1%	70-130		11/30/2023 03:33	C23112932.D
Surrogate: Toluene-d8	2037-26-5	92.3%	70-130		11/30/2023 03:33	C23112932.D
Surrogate: Bromofluorobenzene	460-00-4	95.7%	70-130		11/30/2023 03:33	C23112932.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-28

06R_SG_28_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/30/2023 04:00	C23112933.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 04:00	C23112933.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 04:00	C23112933.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 04:00	C23112933.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 04:00	C23112933.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 04:00	C23112933.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 04:00	C23112933.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 04:00	C23112933.D
Chloroform	67-66-3	<10		10	11/30/2023 04:00	C23112933.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 04:00	C23112933.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 04:00	C23112933.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 04:00	C23112933.D
Benzene	71-43-2	<25		25	11/30/2023 04:00	C23112933.D
Trichloroethene	79-01-6	<10		10	11/30/2023 04:00	C23112933.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 04:00	C23112933.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 04:00	C23112933.D
Toluene	108-88-3	<25		25	11/30/2023 04:00	C23112933.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 04:00	C23112933.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 04:00	C23112933.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 04:00	C23112933.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 04:00	C23112933.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 04:00	C23112933.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 04:00	C23112933.D
o-Xylene	95-47-6	<25		25	11/30/2023 04:00	C23112933.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 04:00	C23112933.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 04:00	C23112933.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 04:00	C23112933.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 04:00	C23112933.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 04:00	C23112933.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 04:00	C23112933.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 04:00	C23112933.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 04:00	C23112933.D
Naphthalene	91-20-3	<25		25	11/30/2023 04:00	C23112933.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 04:00	C23112933.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 04:00	C23112933.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 04:00	C23112933.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 04:00	C23112933.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	91.4%	70-130		11/30/2023 04:00	C23112933.D
Surrogate: Toluene-d8	2037-26-5	91.6%	70-130		11/30/2023 04:00	C23112933.D
Surrogate: Bromofluorobenzene	460-00-4	97.6%	70-130		11/30/2023 04:00	C23112933.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-29	06R_SG_29_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/30/2023 04:28	C23112934.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 04:28	C23112934.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 04:28	C23112934.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 04:28	C23112934.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 04:28	C23112934.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 04:28	C23112934.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 04:28	C23112934.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 04:28	C23112934.D
Chloroform	67-66-3	<10		10	11/30/2023 04:28	C23112934.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 04:28	C23112934.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 04:28	C23112934.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 04:28	C23112934.D
Benzene	71-43-2	<25		25	11/30/2023 04:28	C23112934.D
Trichloroethene	79-01-6	<10		10	11/30/2023 04:28	C23112934.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 04:28	C23112934.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 04:28	C23112934.D
Toluene	108-88-3	<25		25	11/30/2023 04:28	C23112934.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 04:28	C23112934.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 04:28	C23112934.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 04:28	C23112934.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 04:28	C23112934.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 04:28	C23112934.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 04:28	C23112934.D
o-Xylene	95-47-6	<25		25	11/30/2023 04:28	C23112934.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 04:28	C23112934.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 04:28	C23112934.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 04:28	C23112934.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 04:28	C23112934.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 04:28	C23112934.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 04:28	C23112934.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 04:28	C23112934.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 04:28	C23112934.D
Naphthalene	91-20-3	<25		25	11/30/2023 04:28	C23112934.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 04:28	C23112934.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 04:28	C23112934.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 04:28	C23112934.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 04:28	C23112934.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	91.4%	70-130		11/30/2023 04:28	C23112934.D
Surrogate: Toluene-d8	2037-26-5	94.1%	70-130		11/30/2023 04:28	C23112934.D
Surrogate: Bromofluorobenzene	460-00-4	92.8%	70-130		11/30/2023 04:28	C23112934.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-30

06R_SG_30_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/30/2023 04:56	C23112935.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 04:56	C23112935.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 04:56	C23112935.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 04:56	C23112935.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 04:56	C23112935.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 04:56	C23112935.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 04:56	C23112935.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 04:56	C23112935.D
Chloroform	67-66-3	<10		10	11/30/2023 04:56	C23112935.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 04:56	C23112935.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 04:56	C23112935.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 04:56	C23112935.D
Benzene	71-43-2	<25		25	11/30/2023 04:56	C23112935.D
Trichloroethene	79-01-6	<10		10	11/30/2023 04:56	C23112935.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 04:56	C23112935.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 04:56	C23112935.D
Toluene	108-88-3	<25		25	11/30/2023 04:56	C23112935.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 04:56	C23112935.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 04:56	C23112935.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 04:56	C23112935.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 04:56	C23112935.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 04:56	C23112935.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 04:56	C23112935.D
o-Xylene	95-47-6	<25		25	11/30/2023 04:56	C23112935.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 04:56	C23112935.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 04:56	C23112935.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 04:56	C23112935.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 04:56	C23112935.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 04:56	C23112935.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 04:56	C23112935.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 04:56	C23112935.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 04:56	C23112935.D
Naphthalene	91-20-3	<25		25	11/30/2023 04:56	C23112935.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 04:56	C23112935.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 04:56	C23112935.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 04:56	C23112935.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 04:56	C23112935.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	87.3%	70-130		11/30/2023 04:56	C23112935.D
Surrogate: Toluene-d8	2037-26-5	93.2%	70-130		11/30/2023 04:56	C23112935.D
Surrogate: Bromofluorobenzene	460-00-4	94.1%	70-130		11/30/2023 04:56	C23112935.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-31	06R_SG_31_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/30/2023 05:25	C23112936.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 05:25	C23112936.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 05:25	C23112936.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 05:25	C23112936.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 05:25	C23112936.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 05:25	C23112936.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 05:25	C23112936.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 05:25	C23112936.D
Chloroform	67-66-3	<10		10	11/30/2023 05:25	C23112936.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 05:25	C23112936.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 05:25	C23112936.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 05:25	C23112936.D
Benzene	71-43-2	<25		25	11/30/2023 05:25	C23112936.D
Trichloroethene	79-01-6	<10		10	11/30/2023 05:25	C23112936.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 05:25	C23112936.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 05:25	C23112936.D
Toluene	108-88-3	<25		25	11/30/2023 05:25	C23112936.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 05:25	C23112936.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 05:25	C23112936.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 05:25	C23112936.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 05:25	C23112936.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 05:25	C23112936.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 05:25	C23112936.D
o-Xylene	95-47-6	<25		25	11/30/2023 05:25	C23112936.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 05:25	C23112936.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 05:25	C23112936.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 05:25	C23112936.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 05:25	C23112936.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 05:25	C23112936.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 05:25	C23112936.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 05:25	C23112936.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 05:25	C23112936.D
Naphthalene	91-20-3	<25		25	11/30/2023 05:25	C23112936.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 05:25	C23112936.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 05:25	C23112936.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 05:25	C23112936.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 05:25	C23112936.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.3%	70-130		11/30/2023 05:25	C23112936.D
Surrogate: Toluene-d8	2037-26-5	91.0%	70-130		11/30/2023 05:25	C23112936.D
Surrogate: Bromofluorobenzene	460-00-4	94.5%	70-130		11/30/2023 05:25	C23112936.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-32	06R_SG_32_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/30/2023 05:52	C23112937.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 05:52	C23112937.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 05:52	C23112937.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 05:52	C23112937.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 05:52	C23112937.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 05:52	C23112937.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 05:52	C23112937.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 05:52	C23112937.D
Chloroform	67-66-3	<10		10	11/30/2023 05:52	C23112937.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 05:52	C23112937.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 05:52	C23112937.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 05:52	C23112937.D
Benzene	71-43-2	<25		25	11/30/2023 05:52	C23112937.D
Trichloroethene	79-01-6	<10		10	11/30/2023 05:52	C23112937.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 05:52	C23112937.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 05:52	C23112937.D
Toluene	108-88-3	<25		25	11/30/2023 05:52	C23112937.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 05:52	C23112937.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 05:52	C23112937.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 05:52	C23112937.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 05:52	C23112937.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 05:52	C23112937.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 05:52	C23112937.D
o-Xylene	95-47-6	<25		25	11/30/2023 05:52	C23112937.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 05:52	C23112937.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 05:52	C23112937.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 05:52	C23112937.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 05:52	C23112937.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 05:52	C23112937.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 05:52	C23112937.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 05:52	C23112937.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 05:52	C23112937.D
Naphthalene	91-20-3	<25		25	11/30/2023 05:52	C23112937.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 05:52	C23112937.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 05:52	C23112937.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 05:52	C23112937.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 05:52	C23112937.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	91.2%	70-130		11/30/2023 05:52	C23112937.D
Surrogate: Toluene-d8	2037-26-5	92.5%	70-130		11/30/2023 05:52	C23112937.D
Surrogate: Bromofluorobenzene	460-00-4	91.9%	70-130		11/30/2023 05:52	C23112937.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-33	06R_SG_33_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/30/2023 06:20	C23112938.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 06:20	C23112938.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 06:20	C23112938.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 06:20	C23112938.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 06:20	C23112938.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 06:20	C23112938.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 06:20	C23112938.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 06:20	C23112938.D
Chloroform	67-66-3	<10		10	11/30/2023 06:20	C23112938.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 06:20	C23112938.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 06:20	C23112938.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 06:20	C23112938.D
Benzene	71-43-2	<25		25	11/30/2023 06:20	C23112938.D
Trichloroethene	79-01-6	<10		10	11/30/2023 06:20	C23112938.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 06:20	C23112938.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 06:20	C23112938.D
Toluene	108-88-3	<25		25	11/30/2023 06:20	C23112938.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 06:20	C23112938.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 06:20	C23112938.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 06:20	C23112938.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 06:20	C23112938.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 06:20	C23112938.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 06:20	C23112938.D
o-Xylene	95-47-6	<25		25	11/30/2023 06:20	C23112938.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 06:20	C23112938.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 06:20	C23112938.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 06:20	C23112938.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 06:20	C23112938.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 06:20	C23112938.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 06:20	C23112938.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 06:20	C23112938.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 06:20	C23112938.D
Naphthalene	91-20-3	<25		25	11/30/2023 06:20	C23112938.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 06:20	C23112938.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 06:20	C23112938.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 06:20	C23112938.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 06:20	C23112938.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	92.5%	70-130		11/30/2023 06:20	C23112938.D
Surrogate: Toluene-d8	2037-26-5	90.4%	70-130		11/30/2023 06:20	C23112938.D
Surrogate: Bromofluorobenzene	460-00-4	94.7%	70-130		11/30/2023 06:20	C23112938.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-34	06R_SG_34_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/30/2023 06:48	C23112939.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 06:48	C23112939.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 06:48	C23112939.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 06:48	C23112939.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 06:48	C23112939.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 06:48	C23112939.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 06:48	C23112939.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 06:48	C23112939.D
Chloroform	67-66-3	<10		10	11/30/2023 06:48	C23112939.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 06:48	C23112939.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 06:48	C23112939.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 06:48	C23112939.D
Benzene	71-43-2	<25		25	11/30/2023 06:48	C23112939.D
Trichloroethene	79-01-6	<10		10	11/30/2023 06:48	C23112939.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 06:48	C23112939.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 06:48	C23112939.D
Toluene	108-88-3	<25		25	11/30/2023 06:48	C23112939.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 06:48	C23112939.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 06:48	C23112939.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 06:48	C23112939.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 06:48	C23112939.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 06:48	C23112939.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 06:48	C23112939.D
o-Xylene	95-47-6	<25		25	11/30/2023 06:48	C23112939.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 06:48	C23112939.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 06:48	C23112939.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 06:48	C23112939.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 06:48	C23112939.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 06:48	C23112939.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 06:48	C23112939.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 06:48	C23112939.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 06:48	C23112939.D
Naphthalene	91-20-3	<25		25	11/30/2023 06:48	C23112939.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 06:48	C23112939.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 06:48	C23112939.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 06:48	C23112939.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 06:48	C23112939.D

Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	87.5%	70-130		11/30/2023 06:48	C23112939.D
Surrogate: Toluene-d8	2037-26-5	90.9%	70-130		11/30/2023 06:48	C23112939.D
Surrogate: Bromofluorobenzene	460-00-4	94.2%	70-130		11/30/2023 06:48	C23112939.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-35

06R_SG_35_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/30/2023 07:16	C23112940.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 07:16	C23112940.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 07:16	C23112940.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 07:16	C23112940.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 07:16	C23112940.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 07:16	C23112940.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 07:16	C23112940.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 07:16	C23112940.D
Chloroform	67-66-3	<10		10	11/30/2023 07:16	C23112940.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 07:16	C23112940.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 07:16	C23112940.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 07:16	C23112940.D
Benzene	71-43-2	<25		25	11/30/2023 07:16	C23112940.D
Trichloroethene	79-01-6	<10		10	11/30/2023 07:16	C23112940.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 07:16	C23112940.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 07:16	C23112940.D
Toluene	108-88-3	<25		25	11/30/2023 07:16	C23112940.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 07:16	C23112940.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 07:16	C23112940.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 07:16	C23112940.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 07:16	C23112940.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 07:16	C23112940.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 07:16	C23112940.D
o-Xylene	95-47-6	<25		25	11/30/2023 07:16	C23112940.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 07:16	C23112940.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 07:16	C23112940.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 07:16	C23112940.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 07:16	C23112940.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 07:16	C23112940.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 07:16	C23112940.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 07:16	C23112940.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 07:16	C23112940.D
Naphthalene	91-20-3	<25		25	11/30/2023 07:16	C23112940.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 07:16	C23112940.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 07:16	C23112940.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 07:16	C23112940.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 07:16	C23112940.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	97.7%	70-130		11/30/2023 07:16	C23112940.D
Surrogate: Toluene-d8	2037-26-5	92.8%	70-130		11/30/2023 07:16	C23112940.D
Surrogate: Bromofluorobenzene	460-00-4	97.5%	70-130		11/30/2023 07:16	C23112940.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-36

06R_SG_36_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/30/2023 07:45	C23112941.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 07:45	C23112941.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 07:45	C23112941.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 07:45	C23112941.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 07:45	C23112941.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 07:45	C23112941.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 07:45	C23112941.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 07:45	C23112941.D
Chloroform	67-66-3	<10		10	11/30/2023 07:45	C23112941.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 07:45	C23112941.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 07:45	C23112941.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 07:45	C23112941.D
Benzene	71-43-2	29		25	11/30/2023 07:45	C23112941.D
Trichloroethene	79-01-6	<10		10	11/30/2023 07:45	C23112941.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 07:45	C23112941.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 07:45	C23112941.D
Toluene	108-88-3	<25		25	11/30/2023 07:45	C23112941.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 07:45	C23112941.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 07:45	C23112941.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 07:45	C23112941.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 07:45	C23112941.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 07:45	C23112941.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 07:45	C23112941.D
o-Xylene	95-47-6	<25		25	11/30/2023 07:45	C23112941.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 07:45	C23112941.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 07:45	C23112941.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 07:45	C23112941.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 07:45	C23112941.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 07:45	C23112941.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 07:45	C23112941.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 07:45	C23112941.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 07:45	C23112941.D
Naphthalene	91-20-3	<25		25	11/30/2023 07:45	C23112941.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 07:45	C23112941.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 07:45	C23112941.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 07:45	C23112941.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 07:45	C23112941.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	90.7%	70-130		11/30/2023 07:45	C23112941.D
Surrogate: Toluene-d8	2037-26-5	94.6%	70-130		11/30/2023 07:45	C23112941.D
Surrogate: Bromofluorobenzene	460-00-4	101%	70-130		11/30/2023 07:45	C23112941.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-37

06R_SG_37_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/30/2023 08:13	C23112942.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 08:13	C23112942.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 08:13	C23112942.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 08:13	C23112942.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 08:13	C23112942.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 08:13	C23112942.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 08:13	C23112942.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 08:13	C23112942.D
Chloroform	67-66-3	<10		10	11/30/2023 08:13	C23112942.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 08:13	C23112942.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 08:13	C23112942.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 08:13	C23112942.D
Benzene	71-43-2	29		25	11/30/2023 08:13	C23112942.D
Trichloroethene	79-01-6	<10		10	11/30/2023 08:13	C23112942.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 08:13	C23112942.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 08:13	C23112942.D
Toluene	108-88-3	<25		25	11/30/2023 08:13	C23112942.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 08:13	C23112942.D
Tetrachloroethene	127-18-4	<10		10	11/30/2023 08:13	C23112942.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 08:13	C23112942.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 08:13	C23112942.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 08:13	C23112942.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 08:13	C23112942.D
o-Xylene	95-47-6	<25		25	11/30/2023 08:13	C23112942.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 08:13	C23112942.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 08:13	C23112942.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 08:13	C23112942.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 08:13	C23112942.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 08:13	C23112942.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 08:13	C23112942.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 08:13	C23112942.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 08:13	C23112942.D
Naphthalene	91-20-3	<25		25	11/30/2023 08:13	C23112942.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 08:13	C23112942.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 08:13	C23112942.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 08:13	C23112942.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 08:13	C23112942.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	90.9%	70-130		11/30/2023 08:13	C23112942.D
Surrogate: Toluene-d8	2037-26-5	92.3%	70-130		11/30/2023 08:13	C23112942.D
Surrogate: Bromofluorobenzene	460-00-4	96.3%	70-130		11/30/2023 08:13	C23112942.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-38

06R_SG_38_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result		LOQ (ng)	Analyzed	File ID
		(ng)	Q			
Vinyl Chloride	75-01-4	<10		10	11/30/2023 08:40	C23112943.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 08:40	C23112943.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 08:40	C23112943.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 08:40	C23112943.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 08:40	C23112943.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 08:40	C23112943.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 08:40	C23112943.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 08:40	C23112943.D
Chloroform	67-66-3	<10		10	11/30/2023 08:40	C23112943.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 08:40	C23112943.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 08:40	C23112943.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 08:40	C23112943.D
Benzene	71-43-2	35		25	11/30/2023 08:40	C23112943.D
Trichloroethene	79-01-6	<10		10	11/30/2023 08:40	C23112943.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 08:40	C23112943.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 08:40	C23112943.D
Toluene	108-88-3	<25		25	11/30/2023 08:40	C23112943.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 08:40	C23112943.D
Tetrachloroethene	127-18-4	122		10	11/30/2023 08:40	C23112943.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 08:40	C23112943.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 08:40	C23112943.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 08:40	C23112943.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 08:40	C23112943.D
o-Xylene	95-47-6	<25		25	11/30/2023 08:40	C23112943.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 08:40	C23112943.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 08:40	C23112943.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 08:40	C23112943.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 08:40	C23112943.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 08:40	C23112943.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 08:40	C23112943.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 08:40	C23112943.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 08:40	C23112943.D
Naphthalene	91-20-3	<25		25	11/30/2023 08:40	C23112943.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 08:40	C23112943.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 08:40	C23112943.D
ε TPH C5-C8		<5,000		5,000	11/30/2023 08:40	C23112943.D
ε TPH C9-C15		<5,000		5,000	11/30/2023 08:40	C23112943.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	89.1%	70-130		11/30/2023 08:40	C23112943.D
Surrogate: Toluene-d8	2037-26-5	94.1%	70-130		11/30/2023 08:40	C23112943.D
Surrogate: Bromofluorobenzene	460-00-4	95.2%	70-130		11/30/2023 08:40	C23112943.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-39

06R_SG_39_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/30/2023 09:08	C23112944.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 09:08	C23112944.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 09:08	C23112944.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 09:08	C23112944.D
trans-1,2-Dichloroethene	156-60-5	37		10	11/30/2023 09:08	C23112944.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 09:08	C23112944.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 09:08	C23112944.D
cis-1,2-Dichloroethene	156-59-2	102		10	11/30/2023 09:08	C23112944.D
Chloroform	67-66-3	<10		10	11/30/2023 09:08	C23112944.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 09:08	C23112944.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 09:08	C23112944.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 09:08	C23112944.D
Benzene	71-43-2	<25		25	11/30/2023 09:08	C23112944.D
Trichloroethene	79-01-6	743		10	11/30/2023 09:08	C23112944.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 09:08	C23112944.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 09:08	C23112944.D
Toluene	108-88-3	<25		25	11/30/2023 09:08	C23112944.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 09:08	C23112944.D
Tetrachloroethene	127-18-4	3,800		10	11/30/2023 09:08	C23112944.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 09:08	C23112944.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 09:08	C23112944.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 09:08	C23112944.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 09:08	C23112944.D
o-Xylene	95-47-6	<25		25	11/30/2023 09:08	C23112944.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 09:08	C23112944.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 09:08	C23112944.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 09:08	C23112944.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 09:08	C23112944.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 09:08	C23112944.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 09:08	C23112944.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 09:08	C23112944.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 09:08	C23112944.D
Naphthalene	91-20-3	<25		25	11/30/2023 09:08	C23112944.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 09:08	C23112944.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 09:08	C23112944.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 09:08	C23112944.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 09:08	C23112944.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	89.4%	70-130		11/30/2023 09:08	C23112944.D
Surrogate: Toluene-d8	2037-26-5	91.9%	70-130		11/30/2023 09:08	C23112944.D
Surrogate: Bromofluorobenzene	460-00-4	94.1%	70-130		11/30/2023 09:08	C23112944.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-40

06R_SG_40_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	11/30/2023 09:36	C23112945.D
1,1-Dichloroethene	75-35-4	<10		10	11/30/2023 09:36	C23112945.D
Methylene Chloride	75-09-2	<10		10	11/30/2023 09:36	C23112945.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	11/30/2023 09:36	C23112945.D
trans-1,2-Dichloroethene	156-60-5	<10		10	11/30/2023 09:36	C23112945.D
Methyl-t-butyl ether	1634-04-4	<25		25	11/30/2023 09:36	C23112945.D
1,1-Dichloroethane	75-34-3	<10		10	11/30/2023 09:36	C23112945.D
cis-1,2-Dichloroethene	156-59-2	<10		10	11/30/2023 09:36	C23112945.D
Chloroform	67-66-3	<10		10	11/30/2023 09:36	C23112945.D
1,2-Dichloroethane	107-06-2	<10		10	11/30/2023 09:36	C23112945.D
1,1,1-Trichloroethane	71-55-6	<10		10	11/30/2023 09:36	C23112945.D
Carbon Tetrachloride	56-23-5	<10		10	11/30/2023 09:36	C23112945.D
Benzene	71-43-2	<25		25	11/30/2023 09:36	C23112945.D
Trichloroethene	79-01-6	<10		10	11/30/2023 09:36	C23112945.D
1,4-Dioxane	123-91-1	<10		10	11/30/2023 09:36	C23112945.D
1,1,2-Trichloroethane	79-00-5	<10		10	11/30/2023 09:36	C23112945.D
Toluene	108-88-3	<25		25	11/30/2023 09:36	C23112945.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	11/30/2023 09:36	C23112945.D
Tetrachloroethene	127-18-4	96		10	11/30/2023 09:36	C23112945.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	11/30/2023 09:36	C23112945.D
Chlorobenzene	108-90-7	<10		10	11/30/2023 09:36	C23112945.D
Ethylbenzene	100-41-4	<25		25	11/30/2023 09:36	C23112945.D
p & m-Xylene	179601-23-1	<25		25	11/30/2023 09:36	C23112945.D
o-Xylene	95-47-6	<25		25	11/30/2023 09:36	C23112945.D
1,2,3-Trichloropropane	96-18-4	<10		10	11/30/2023 09:36	C23112945.D
Isopropylbenzene	98-82-8	<25		25	11/30/2023 09:36	C23112945.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	11/30/2023 09:36	C23112945.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	11/30/2023 09:36	C23112945.D
1,3-Dichlorobenzene	541-73-1	<10		10	11/30/2023 09:36	C23112945.D
1,4-Dichlorobenzene	106-46-7	<10		10	11/30/2023 09:36	C23112945.D
1,2-Dichlorobenzene	95-50-1	<10		10	11/30/2023 09:36	C23112945.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	11/30/2023 09:36	C23112945.D
Naphthalene	91-20-3	<25		25	11/30/2023 09:36	C23112945.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	11/30/2023 09:36	C23112945.D
2-Methylnaphthalene	91-57-6	<25		25	11/30/2023 09:36	C23112945.D
☉ TPH C5-C8		<5,000		5,000	11/30/2023 09:36	C23112945.D
☉ TPH C9-C15		<5,000		5,000	11/30/2023 09:36	C23112945.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	87.8%	70-130		11/30/2023 09:36	C23112945.D
Surrogate: Toluene-d8	2037-26-5	94.6%	70-130		11/30/2023 09:36	C23112945.D
Surrogate: Bromofluorobenzene	460-00-4	98.5%	70-130		11/30/2023 09:36	C23112945.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Detailed Analytical Results- Concentration

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-01

06R_SG_01_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.79		0.79	11/29/2023 15:24	C23112906.D
1,1-Dichloroethene	75-35-4	<1.93		1.93	11/29/2023 15:24	C23112906.D
Methylene Chloride	75-09-2	<1.82		1.82	11/29/2023 15:24	C23112906.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.71		0.71	11/29/2023 15:24	C23112906.D
trans-1,2-Dichloroethene	156-60-5	<1.45		1.45	11/29/2023 15:24	C23112906.D
Methyl-t-butyl ether	1634-04-4	<3.18		3.18	11/29/2023 15:24	C23112906.D
1,1-Dichloroethane	75-34-3	<0.75		0.75	11/29/2023 15:24	C23112906.D
cis-1,2-Dichloroethene	156-59-2	<1.20		1.20	11/29/2023 15:24	C23112906.D
Chloroform	67-66-3	<1.82		1.82	11/29/2023 15:24	C23112906.D
1,2-Dichloroethane	107-06-2	<1.14		1.14	11/29/2023 15:24	C23112906.D
1,1,1-Trichloroethane	71-55-6	<0.61		0.61	11/29/2023 15:24	C23112906.D
Carbon Tetrachloride	56-23-5	<1.48		1.48	11/29/2023 15:24	C23112906.D
Benzene	71-43-2	<3.00		3.00	11/29/2023 15:24	C23112906.D
Trichloroethene	79-01-6	<1.93		1.93	11/29/2023 15:24	C23112906.D
1,4-Dioxane	123-91-1	<1.55		1.55	11/29/2023 15:24	C23112906.D
1,1,2-Trichloroethane	79-00-5	<1.93		1.93	11/29/2023 15:24	C23112906.D
Toluene	108-88-3	<3.97		3.97	11/29/2023 15:24	C23112906.D
1,2-Dibromoethane (EDB)	106-93-4	<1.63		1.63	11/29/2023 15:24	C23112906.D
Tetrachloroethene	127-18-4	<1.55		1.55	11/29/2023 15:24	C23112906.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.55		1.55	11/29/2023 15:24	C23112906.D
Chlorobenzene	108-90-7	<0.75		0.75	11/29/2023 15:24	C23112906.D
Ethylbenzene	100-41-4	<1.87		1.87	11/29/2023 15:24	C23112906.D
p & m-Xylene	179601-23-1	<1.81		1.81	11/29/2023 15:24	C23112906.D
o-Xylene	95-47-6	<1.81		1.81	11/29/2023 15:24	C23112906.D
1,2,3-Trichloropropane	96-18-4	<0.85		0.85	11/29/2023 15:24	C23112906.D
Isopropylbenzene	98-82-8	<1.92		1.92	11/29/2023 15:24	C23112906.D
1,3,5-Trimethylbenzene	108-67-8	<1.92		1.92	11/29/2023 15:24	C23112906.D
1,2,4-Trimethylbenzene	95-63-6	<1.92		1.92	11/29/2023 15:24	C23112906.D
1,3-Dichlorobenzene	541-73-1	<0.85		0.85	11/29/2023 15:24	C23112906.D
1,4-Dichlorobenzene	106-46-7	<0.85		0.85	11/29/2023 15:24	C23112906.D
1,2-Dichlorobenzene	95-50-1	<0.85		0.85	11/29/2023 15:24	C23112906.D
1,2,4-Trichlorobenzene	120-82-1	<1.63		1.63	11/29/2023 15:24	C23112906.D
Naphthalene	91-20-3	<1.99		1.99	11/29/2023 15:24	C23112906.D
1,2,3-Trichlorobenzene	87-61-6	<1.63		1.63	11/29/2023 15:24	C23112906.D
2-Methylnaphthalene	91-57-6	<2.09		2.09	11/29/2023 15:24	C23112906.D
ε TPH C5-C8		<539		539	11/29/2023 15:24	C23112906.D
ε TPH C9-C15		<461		461	11/29/2023 15:24	C23112906.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.0%	70-130		11/29/2023 15:24	C23112906.D
Surrogate: Toluene-d8	2037-26-5	92.6%	70-130		11/29/2023 15:24	C23112906.D
Surrogate: Bromofluorobenzene	460-00-4	93.8%	70-130		11/29/2023 15:24	C23112906.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-02

06R_SG_02_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.79		0.79	11/29/2023 15:52	C23112907.D
1,1-Dichloroethene	75-35-4	<1.93		1.93	11/29/2023 15:52	C23112907.D
Methylene Chloride	75-09-2	<1.82		1.82	11/29/2023 15:52	C23112907.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.71		0.71	11/29/2023 15:52	C23112907.D
trans-1,2-Dichloroethene	156-60-5	<1.45		1.45	11/29/2023 15:52	C23112907.D
Methyl-t-butyl ether	1634-04-4	<3.18		3.18	11/29/2023 15:52	C23112907.D
1,1-Dichloroethane	75-34-3	<0.75		0.75	11/29/2023 15:52	C23112907.D
cis-1,2-Dichloroethene	156-59-2	<1.20		1.20	11/29/2023 15:52	C23112907.D
Chloroform	67-66-3	<1.82		1.82	11/29/2023 15:52	C23112907.D
1,2-Dichloroethane	107-06-2	<1.14		1.14	11/29/2023 15:52	C23112907.D
1,1,1-Trichloroethane	71-55-6	<0.61		0.61	11/29/2023 15:52	C23112907.D
Carbon Tetrachloride	56-23-5	<1.48		1.48	11/29/2023 15:52	C23112907.D
Benzene	71-43-2	<3.00		3.00	11/29/2023 15:52	C23112907.D
Trichloroethene	79-01-6	<1.93		1.93	11/29/2023 15:52	C23112907.D
1,4-Dioxane	123-91-1	<1.55		1.55	11/29/2023 15:52	C23112907.D
1,1,2-Trichloroethane	79-00-5	<1.93		1.93	11/29/2023 15:52	C23112907.D
Toluene	108-88-3	<3.97		3.97	11/29/2023 15:52	C23112907.D
1,2-Dibromoethane (EDB)	106-93-4	<1.63		1.63	11/29/2023 15:52	C23112907.D
Tetrachloroethene	127-18-4	<1.55		1.55	11/29/2023 15:52	C23112907.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.55		1.55	11/29/2023 15:52	C23112907.D
Chlorobenzene	108-90-7	<0.75		0.75	11/29/2023 15:52	C23112907.D
Ethylbenzene	100-41-4	<1.87		1.87	11/29/2023 15:52	C23112907.D
p & m-Xylene	179601-23-1	<1.81		1.81	11/29/2023 15:52	C23112907.D
o-Xylene	95-47-6	<1.81		1.81	11/29/2023 15:52	C23112907.D
1,2,3-Trichloropropane	96-18-4	<0.85		0.85	11/29/2023 15:52	C23112907.D
Isopropylbenzene	98-82-8	<1.92		1.92	11/29/2023 15:52	C23112907.D
1,3,5-Trimethylbenzene	108-67-8	<1.92		1.92	11/29/2023 15:52	C23112907.D
1,2,4-Trimethylbenzene	95-63-6	<1.92		1.92	11/29/2023 15:52	C23112907.D
1,3-Dichlorobenzene	541-73-1	<0.85		0.85	11/29/2023 15:52	C23112907.D
1,4-Dichlorobenzene	106-46-7	<0.85		0.85	11/29/2023 15:52	C23112907.D
1,2-Dichlorobenzene	95-50-1	<0.85		0.85	11/29/2023 15:52	C23112907.D
1,2,4-Trichlorobenzene	120-82-1	<1.63		1.63	11/29/2023 15:52	C23112907.D
Naphthalene	91-20-3	<1.99		1.99	11/29/2023 15:52	C23112907.D
1,2,3-Trichlorobenzene	87-61-6	<1.63		1.63	11/29/2023 15:52	C23112907.D
2-Methylnaphthalene	91-57-6	<2.09		2.09	11/29/2023 15:52	C23112907.D
☉ TPH C5-C8		<539		539	11/29/2023 15:52	C23112907.D
☉ TPH C9-C15		<461		461	11/29/2023 15:52	C23112907.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	96.5%	70-130		11/29/2023 15:52	C23112907.D
Surrogate: Toluene-d8	2037-26-5	95.6%	70-130		11/29/2023 15:52	C23112907.D
Surrogate: Bromofluorobenzene	460-00-4	91.4%	70-130		11/29/2023 15:52	C23112907.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-03

06R_SG_03_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.79		0.79	11/29/2023 16:20	C23112908.D
1,1-Dichloroethene	75-35-4	<1.93		1.93	11/29/2023 16:20	C23112908.D
Methylene Chloride	75-09-2	<1.82		1.82	11/29/2023 16:20	C23112908.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.71		0.71	11/29/2023 16:20	C23112908.D
trans-1,2-Dichloroethene	156-60-5	<1.45		1.45	11/29/2023 16:20	C23112908.D
Methyl-t-butyl ether	1634-04-4	<3.18		3.18	11/29/2023 16:20	C23112908.D
1,1-Dichloroethane	75-34-3	<0.75		0.75	11/29/2023 16:20	C23112908.D
cis-1,2-Dichloroethene	156-59-2	<1.20		1.20	11/29/2023 16:20	C23112908.D
Chloroform	67-66-3	<1.82		1.82	11/29/2023 16:20	C23112908.D
1,2-Dichloroethane	107-06-2	<1.14		1.14	11/29/2023 16:20	C23112908.D
1,1,1-Trichloroethane	71-55-6	<0.61		0.61	11/29/2023 16:20	C23112908.D
Carbon Tetrachloride	56-23-5	<1.48		1.48	11/29/2023 16:20	C23112908.D
Benzene	71-43-2	<3.00		3.00	11/29/2023 16:20	C23112908.D
Trichloroethene	79-01-6	<1.93		1.93	11/29/2023 16:20	C23112908.D
1,4-Dioxane	123-91-1	<1.55		1.55	11/29/2023 16:20	C23112908.D
1,1,2-Trichloroethane	79-00-5	<1.93		1.93	11/29/2023 16:20	C23112908.D
Toluene	108-88-3	<3.98		3.98	11/29/2023 16:20	C23112908.D
1,2-Dibromoethane (EDB)	106-93-4	<1.63		1.63	11/29/2023 16:20	C23112908.D
Tetrachloroethene	127-18-4	<1.55		1.55	11/29/2023 16:20	C23112908.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.55		1.55	11/29/2023 16:20	C23112908.D
Chlorobenzene	108-90-7	<0.75		0.75	11/29/2023 16:20	C23112908.D
Ethylbenzene	100-41-4	<1.87		1.87	11/29/2023 16:20	C23112908.D
p & m-Xylene	179601-23-1	<1.81		1.81	11/29/2023 16:20	C23112908.D
o-Xylene	95-47-6	<1.81		1.81	11/29/2023 16:20	C23112908.D
1,2,3-Trichloropropane	96-18-4	<0.85		0.85	11/29/2023 16:20	C23112908.D
Isopropylbenzene	98-82-8	<1.92		1.92	11/29/2023 16:20	C23112908.D
1,3,5-Trimethylbenzene	108-67-8	<1.92		1.92	11/29/2023 16:20	C23112908.D
1,2,4-Trimethylbenzene	95-63-6	<1.92		1.92	11/29/2023 16:20	C23112908.D
1,3-Dichlorobenzene	541-73-1	<0.85		0.85	11/29/2023 16:20	C23112908.D
1,4-Dichlorobenzene	106-46-7	<0.85		0.85	11/29/2023 16:20	C23112908.D
1,2-Dichlorobenzene	95-50-1	<0.85		0.85	11/29/2023 16:20	C23112908.D
1,2,4-Trichlorobenzene	120-82-1	<1.63		1.63	11/29/2023 16:20	C23112908.D
Naphthalene	91-20-3	<1.99		1.99	11/29/2023 16:20	C23112908.D
1,2,3-Trichlorobenzene	87-61-6	<1.63		1.63	11/29/2023 16:20	C23112908.D
2-Methylnaphthalene	91-57-6	<2.09		2.09	11/29/2023 16:20	C23112908.D
ε TPH C5-C8		<539		539	11/29/2023 16:20	C23112908.D
ε TPH C9-C15		<461		461	11/29/2023 16:20	C23112908.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	95.4%	70-130		11/29/2023 16:20	C23112908.D
Surrogate: Toluene-d8	2037-26-5	93.3%	70-130		11/29/2023 16:20	C23112908.D
Surrogate: Bromofluorobenzene	460-00-4	90.5%	70-130		11/29/2023 16:20	C23112908.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-04

06R_SG_04_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.79		0.79	11/29/2023 16:48	C23112909.D
1,1-Dichloroethene	75-35-4	<1.93		1.93	11/29/2023 16:48	C23112909.D
Methylene Chloride	75-09-2	<1.82		1.82	11/29/2023 16:48	C23112909.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.72		0.72	11/29/2023 16:48	C23112909.D
trans-1,2-Dichloroethene	156-60-5	<1.45		1.45	11/29/2023 16:48	C23112909.D
Methyl-t-butyl ether	1634-04-4	<3.18		3.18	11/29/2023 16:48	C23112909.D
1,1-Dichloroethane	75-34-3	<0.75		0.75	11/29/2023 16:48	C23112909.D
cis-1,2-Dichloroethene	156-59-2	<1.20		1.20	11/29/2023 16:48	C23112909.D
Chloroform	67-66-3	<1.82		1.82	11/29/2023 16:48	C23112909.D
1,2-Dichloroethane	107-06-2	<1.14		1.14	11/29/2023 16:48	C23112909.D
1,1,1-Trichloroethane	71-55-6	<0.61		0.61	11/29/2023 16:48	C23112909.D
Carbon Tetrachloride	56-23-5	<1.48		1.48	11/29/2023 16:48	C23112909.D
Benzene	71-43-2	<3.00		3.00	11/29/2023 16:48	C23112909.D
Trichloroethene	79-01-6	<1.93		1.93	11/29/2023 16:48	C23112909.D
1,4-Dioxane	123-91-1	<1.55		1.55	11/29/2023 16:48	C23112909.D
1,1,2-Trichloroethane	79-00-5	<1.93		1.93	11/29/2023 16:48	C23112909.D
Toluene	108-88-3	<3.98		3.98	11/29/2023 16:48	C23112909.D
1,2-Dibromoethane (EDB)	106-93-4	<1.63		1.63	11/29/2023 16:48	C23112909.D
Tetrachloroethene	127-18-4	<1.55		1.55	11/29/2023 16:48	C23112909.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.55		1.55	11/29/2023 16:48	C23112909.D
Chlorobenzene	108-90-7	<0.75		0.75	11/29/2023 16:48	C23112909.D
Ethylbenzene	100-41-4	<1.87		1.87	11/29/2023 16:48	C23112909.D
p & m-Xylene	179601-23-1	<1.81		1.81	11/29/2023 16:48	C23112909.D
o-Xylene	95-47-6	<1.81		1.81	11/29/2023 16:48	C23112909.D
1,2,3-Trichloropropane	96-18-4	<0.85		0.85	11/29/2023 16:48	C23112909.D
Isopropylbenzene	98-82-8	<1.92		1.92	11/29/2023 16:48	C23112909.D
1,3,5-Trimethylbenzene	108-67-8	<1.92		1.92	11/29/2023 16:48	C23112909.D
1,2,4-Trimethylbenzene	95-63-6	<1.92		1.92	11/29/2023 16:48	C23112909.D
1,3-Dichlorobenzene	541-73-1	<0.85		0.85	11/29/2023 16:48	C23112909.D
1,4-Dichlorobenzene	106-46-7	<0.85		0.85	11/29/2023 16:48	C23112909.D
1,2-Dichlorobenzene	95-50-1	<0.85		0.85	11/29/2023 16:48	C23112909.D
1,2,4-Trichlorobenzene	120-82-1	<1.63		1.63	11/29/2023 16:48	C23112909.D
Naphthalene	91-20-3	<1.99		1.99	11/29/2023 16:48	C23112909.D
1,2,3-Trichlorobenzene	87-61-6	<1.63		1.63	11/29/2023 16:48	C23112909.D
2-Methylnaphthalene	91-57-6	<2.09		2.09	11/29/2023 16:48	C23112909.D
∑ TPH C5-C8		<540		540	11/29/2023 16:48	C23112909.D
∑ TPH C9-C15		<461		461	11/29/2023 16:48	C23112909.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.5%	70-130		11/29/2023 16:48	C23112909.D
Surrogate: Toluene-d8	2037-26-5	91.8%	70-130		11/29/2023 16:48	C23112909.D
Surrogate: Bromofluorobenzene	460-00-4	93.0%	70-130		11/29/2023 16:48	C23112909.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-05

06R_SG_05_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.79		0.79	11/29/2023 17:16	C23112910.D
1,1-Dichloroethene	75-35-4	<1.93		1.93	11/29/2023 17:16	C23112910.D
Methylene Chloride	75-09-2	<1.82		1.82	11/29/2023 17:16	C23112910.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.72		0.72	11/29/2023 17:16	C23112910.D
trans-1,2-Dichloroethene	156-60-5	<1.45		1.45	11/29/2023 17:16	C23112910.D
Methyl-t-butyl ether	1634-04-4	<3.19		3.19	11/29/2023 17:16	C23112910.D
1,1-Dichloroethane	75-34-3	<0.75		0.75	11/29/2023 17:16	C23112910.D
cis-1,2-Dichloroethene	156-59-2	<1.20		1.20	11/29/2023 17:16	C23112910.D
Chloroform	67-66-3	<1.82		1.82	11/29/2023 17:16	C23112910.D
1,2-Dichloroethane	107-06-2	<1.14		1.14	11/29/2023 17:16	C23112910.D
1,1,1-Trichloroethane	71-55-6	<0.61		0.61	11/29/2023 17:16	C23112910.D
Carbon Tetrachloride	56-23-5	<1.48		1.48	11/29/2023 17:16	C23112910.D
Benzene	71-43-2	<3.00		3.00	11/29/2023 17:16	C23112910.D
Trichloroethene	79-01-6	<1.93		1.93	11/29/2023 17:16	C23112910.D
1,4-Dioxane	123-91-1	<1.55		1.55	11/29/2023 17:16	C23112910.D
1,1,2-Trichloroethane	79-00-5	<1.93		1.93	11/29/2023 17:16	C23112910.D
Toluene	108-88-3	<3.98		3.98	11/29/2023 17:16	C23112910.D
1,2-Dibromoethane (EDB)	106-93-4	<1.63		1.63	11/29/2023 17:16	C23112910.D
Tetrachloroethene	127-18-4	<1.55		1.55	11/29/2023 17:16	C23112910.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.55		1.55	11/29/2023 17:16	C23112910.D
Chlorobenzene	108-90-7	<0.75		0.75	11/29/2023 17:16	C23112910.D
Ethylbenzene	100-41-4	<1.87		1.87	11/29/2023 17:16	C23112910.D
p & m-Xylene	179601-23-1	<1.81		1.81	11/29/2023 17:16	C23112910.D
o-Xylene	95-47-6	<1.81		1.81	11/29/2023 17:16	C23112910.D
1,2,3-Trichloropropane	96-18-4	<0.85		0.85	11/29/2023 17:16	C23112910.D
Isopropylbenzene	98-82-8	<1.92		1.92	11/29/2023 17:16	C23112910.D
1,3,5-Trimethylbenzene	108-67-8	<1.92		1.92	11/29/2023 17:16	C23112910.D
1,2,4-Trimethylbenzene	95-63-6	<1.92		1.92	11/29/2023 17:16	C23112910.D
1,3-Dichlorobenzene	541-73-1	<0.85		0.85	11/29/2023 17:16	C23112910.D
1,4-Dichlorobenzene	106-46-7	<0.85		0.85	11/29/2023 17:16	C23112910.D
1,2-Dichlorobenzene	95-50-1	<0.85		0.85	11/29/2023 17:16	C23112910.D
1,2,4-Trichlorobenzene	120-82-1	<1.63		1.63	11/29/2023 17:16	C23112910.D
Naphthalene	91-20-3	<1.99		1.99	11/29/2023 17:16	C23112910.D
1,2,3-Trichlorobenzene	87-61-6	<1.63		1.63	11/29/2023 17:16	C23112910.D
2-Methylnaphthalene	91-57-6	<2.10		2.10	11/29/2023 17:16	C23112910.D
☉ TPH C5-C8		<540		540	11/29/2023 17:16	C23112910.D
☉ TPH C9-C15		<462		462	11/29/2023 17:16	C23112910.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.2%	70-130		11/29/2023 17:16	C23112910.D
Surrogate: Toluene-d8	2037-26-5	91.0%	70-130		11/29/2023 17:16	C23112910.D
Surrogate: Bromofluorobenzene	460-00-4	92.3%	70-130		11/29/2023 17:16	C23112910.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-06

06R_SG_06_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.79		0.79	11/29/2023 17:45	C23112911.D
1,1-Dichloroethene	75-35-4	<1.93		1.93	11/29/2023 17:45	C23112911.D
Methylene Chloride	75-09-2	<1.82		1.82	11/29/2023 17:45	C23112911.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.72		0.72	11/29/2023 17:45	C23112911.D
trans-1,2-Dichloroethene	156-60-5	<1.45		1.45	11/29/2023 17:45	C23112911.D
Methyl-t-butyl ether	1634-04-4	<3.19		3.19	11/29/2023 17:45	C23112911.D
1,1-Dichloroethane	75-34-3	<0.75		0.75	11/29/2023 17:45	C23112911.D
cis-1,2-Dichloroethene	156-59-2	<1.20		1.20	11/29/2023 17:45	C23112911.D
Chloroform	67-66-3	<1.82		1.82	11/29/2023 17:45	C23112911.D
1,2-Dichloroethane	107-06-2	<1.14		1.14	11/29/2023 17:45	C23112911.D
1,1,1-Trichloroethane	71-55-6	<0.61		0.61	11/29/2023 17:45	C23112911.D
Carbon Tetrachloride	56-23-5	<1.48		1.48	11/29/2023 17:45	C23112911.D
Benzene	71-43-2	<3.01		3.01	11/29/2023 17:45	C23112911.D
Trichloroethene	79-01-6	<1.93		1.93	11/29/2023 17:45	C23112911.D
1,4-Dioxane	123-91-1	<1.55		1.55	11/29/2023 17:45	C23112911.D
1,1,2-Trichloroethane	79-00-5	<1.93		1.93	11/29/2023 17:45	C23112911.D
Toluene	108-88-3	<3.98		3.98	11/29/2023 17:45	C23112911.D
1,2-Dibromoethane (EDB)	106-93-4	<1.63		1.63	11/29/2023 17:45	C23112911.D
Tetrachloroethene	127-18-4	<1.55		1.55	11/29/2023 17:45	C23112911.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.55		1.55	11/29/2023 17:45	C23112911.D
Chlorobenzene	108-90-7	<0.75		0.75	11/29/2023 17:45	C23112911.D
Ethylbenzene	100-41-4	<1.87		1.87	11/29/2023 17:45	C23112911.D
p & m-Xylene	179601-23-1	<1.81		1.81	11/29/2023 17:45	C23112911.D
o-Xylene	95-47-6	<1.81		1.81	11/29/2023 17:45	C23112911.D
1,2,3-Trichloropropane	96-18-4	<0.85		0.85	11/29/2023 17:45	C23112911.D
Isopropylbenzene	98-82-8	<1.92		1.92	11/29/2023 17:45	C23112911.D
1,3,5-Trimethylbenzene	108-67-8	<1.92		1.92	11/29/2023 17:45	C23112911.D
1,2,4-Trimethylbenzene	95-63-6	<1.92		1.92	11/29/2023 17:45	C23112911.D
1,3-Dichlorobenzene	541-73-1	<0.85		0.85	11/29/2023 17:45	C23112911.D
1,4-Dichlorobenzene	106-46-7	<0.85		0.85	11/29/2023 17:45	C23112911.D
1,2-Dichlorobenzene	95-50-1	<0.85		0.85	11/29/2023 17:45	C23112911.D
1,2,4-Trichlorobenzene	120-82-1	<1.63		1.63	11/29/2023 17:45	C23112911.D
Naphthalene	91-20-3	<1.99		1.99	11/29/2023 17:45	C23112911.D
1,2,3-Trichlorobenzene	87-61-6	<1.63		1.63	11/29/2023 17:45	C23112911.D
2-Methylnaphthalene	91-57-6	<2.10		2.10	11/29/2023 17:45	C23112911.D
∑ TPH C5-C8		<540		540	11/29/2023 17:45	C23112911.D
∑ TPH C9-C15		<462		462	11/29/2023 17:45	C23112911.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	95.7%	70-130		11/29/2023 17:45	C23112911.D
Surrogate: Toluene-d8	2037-26-5	92.9%	70-130		11/29/2023 17:45	C23112911.D
Surrogate: Bromofluorobenzene	460-00-4	92.6%	70-130		11/29/2023 17:45	C23112911.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-07

06R_SG_07_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.79		0.79	11/29/2023 18:13	C23112912.D
1,1-Dichloroethene	75-35-4	<1.93		1.93	11/29/2023 18:13	C23112912.D
Methylene Chloride	75-09-2	<1.82		1.82	11/29/2023 18:13	C23112912.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.72		0.72	11/29/2023 18:13	C23112912.D
trans-1,2-Dichloroethene	156-60-5	<1.45		1.45	11/29/2023 18:13	C23112912.D
Methyl-t-butyl ether	1634-04-4	<3.19		3.19	11/29/2023 18:13	C23112912.D
1,1-Dichloroethane	75-34-3	<0.75		0.75	11/29/2023 18:13	C23112912.D
cis-1,2-Dichloroethene	156-59-2	<1.20		1.20	11/29/2023 18:13	C23112912.D
Chloroform	67-66-3	<1.82		1.82	11/29/2023 18:13	C23112912.D
1,2-Dichloroethane	107-06-2	<1.14		1.14	11/29/2023 18:13	C23112912.D
1,1,1-Trichloroethane	71-55-6	<0.61		0.61	11/29/2023 18:13	C23112912.D
Carbon Tetrachloride	56-23-5	<1.48		1.48	11/29/2023 18:13	C23112912.D
Benzene	71-43-2	<3.01		3.01	11/29/2023 18:13	C23112912.D
Trichloroethene	79-01-6	<1.93		1.93	11/29/2023 18:13	C23112912.D
1,4-Dioxane	123-91-1	<1.56		1.56	11/29/2023 18:13	C23112912.D
1,1,2-Trichloroethane	79-00-5	<1.93		1.93	11/29/2023 18:13	C23112912.D
Toluene	108-88-3	<3.98		3.98	11/29/2023 18:13	C23112912.D
1,2-Dibromoethane (EDB)	106-93-4	<1.63		1.63	11/29/2023 18:13	C23112912.D
Tetrachloroethene	127-18-4	<1.56		1.56	11/29/2023 18:13	C23112912.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.56		1.56	11/29/2023 18:13	C23112912.D
Chlorobenzene	108-90-7	<0.75		0.75	11/29/2023 18:13	C23112912.D
Ethylbenzene	100-41-4	<1.88		1.88	11/29/2023 18:13	C23112912.D
p & m-Xylene	179601-23-1	6.56		1.81	11/29/2023 18:13	C23112912.D
o-Xylene	95-47-6	2.19		1.81	11/29/2023 18:13	C23112912.D
1,2,3-Trichloropropane	96-18-4	<0.85		0.85	11/29/2023 18:13	C23112912.D
Isopropylbenzene	98-82-8	<1.92		1.92	11/29/2023 18:13	C23112912.D
1,3,5-Trimethylbenzene	108-67-8	<1.92		1.92	11/29/2023 18:13	C23112912.D
1,2,4-Trimethylbenzene	95-63-6	<1.92		1.92	11/29/2023 18:13	C23112912.D
1,3-Dichlorobenzene	541-73-1	<0.85		0.85	11/29/2023 18:13	C23112912.D
1,4-Dichlorobenzene	106-46-7	<0.85		0.85	11/29/2023 18:13	C23112912.D
1,2-Dichlorobenzene	95-50-1	<0.85		0.85	11/29/2023 18:13	C23112912.D
1,2,4-Trichlorobenzene	120-82-1	<1.63		1.63	11/29/2023 18:13	C23112912.D
Naphthalene	91-20-3	<1.99		1.99	11/29/2023 18:13	C23112912.D
1,2,3-Trichlorobenzene	87-61-6	<1.63		1.63	11/29/2023 18:13	C23112912.D
2-Methylnaphthalene	91-57-6	<2.10		2.10	11/29/2023 18:13	C23112912.D
☉ TPH C5-C8		<540		540	11/29/2023 18:13	C23112912.D
☉ TPH C9-C15		<462		462	11/29/2023 18:13	C23112912.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	95.1%	70-130		11/29/2023 18:13	C23112912.D
Surrogate: Toluene-d8	2037-26-5	93.5%	70-130		11/29/2023 18:13	C23112912.D
Surrogate: Bromofluorobenzene	460-00-4	89.8%	70-130		11/29/2023 18:13	C23112912.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-08	06R_SG_08_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.79		0.79	11/29/2023 18:40	C23112913.D
1,1-Dichloroethene	75-35-4	<1.93		1.93	11/29/2023 18:40	C23112913.D
Methylene Chloride	75-09-2	<1.82		1.82	11/29/2023 18:40	C23112913.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.72		0.72	11/29/2023 18:40	C23112913.D
trans-1,2-Dichloroethene	156-60-5	<1.45		1.45	11/29/2023 18:40	C23112913.D
Methyl-t-butyl ether	1634-04-4	<3.19		3.19	11/29/2023 18:40	C23112913.D
1,1-Dichloroethane	75-34-3	<0.75		0.75	11/29/2023 18:40	C23112913.D
cis-1,2-Dichloroethene	156-59-2	<1.20		1.20	11/29/2023 18:40	C23112913.D
Chloroform	67-66-3	<1.82		1.82	11/29/2023 18:40	C23112913.D
1,2-Dichloroethane	107-06-2	<1.14		1.14	11/29/2023 18:40	C23112913.D
1,1,1-Trichloroethane	71-55-6	<0.61		0.61	11/29/2023 18:40	C23112913.D
Carbon Tetrachloride	56-23-5	<1.48		1.48	11/29/2023 18:40	C23112913.D
Benzene	71-43-2	<3.01		3.01	11/29/2023 18:40	C23112913.D
Trichloroethene	79-01-6	<1.93		1.93	11/29/2023 18:40	C23112913.D
1,4-Dioxane	123-91-1	<1.56		1.56	11/29/2023 18:40	C23112913.D
1,1,2-Trichloroethane	79-00-5	<1.93		1.93	11/29/2023 18:40	C23112913.D
Toluene	108-88-3	<3.99		3.99	11/29/2023 18:40	C23112913.D
1,2-Dibromoethane (EDB)	106-93-4	<1.64		1.64	11/29/2023 18:40	C23112913.D
Tetrachloroethene	127-18-4	<1.56		1.56	11/29/2023 18:40	C23112913.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.56		1.56	11/29/2023 18:40	C23112913.D
Chlorobenzene	108-90-7	<0.75		0.75	11/29/2023 18:40	C23112913.D
Ethylbenzene	100-41-4	<1.88		1.88	11/29/2023 18:40	C23112913.D
p & m-Xylene	179601-23-1	<1.81		1.81	11/29/2023 18:40	C23112913.D
o-Xylene	95-47-6	<1.81		1.81	11/29/2023 18:40	C23112913.D
1,2,3-Trichloropropane	96-18-4	<0.85		0.85	11/29/2023 18:40	C23112913.D
Isopropylbenzene	98-82-8	<1.92		1.92	11/29/2023 18:40	C23112913.D
1,3,5-Trimethylbenzene	108-67-8	<1.92		1.92	11/29/2023 18:40	C23112913.D
1,2,4-Trimethylbenzene	95-63-6	<1.92		1.92	11/29/2023 18:40	C23112913.D
1,3-Dichlorobenzene	541-73-1	<0.85		0.85	11/29/2023 18:40	C23112913.D
1,4-Dichlorobenzene	106-46-7	<0.85		0.85	11/29/2023 18:40	C23112913.D
1,2-Dichlorobenzene	95-50-1	<0.85		0.85	11/29/2023 18:40	C23112913.D
1,2,4-Trichlorobenzene	120-82-1	<1.64		1.64	11/29/2023 18:40	C23112913.D
Naphthalene	91-20-3	<1.99		1.99	11/29/2023 18:40	C23112913.D
1,2,3-Trichlorobenzene	87-61-6	<1.64		1.64	11/29/2023 18:40	C23112913.D
2-Methylnaphthalene	91-57-6	<2.10		2.10	11/29/2023 18:40	C23112913.D
ε TPH C5-C8		<541		541	11/29/2023 18:40	C23112913.D
ε TPH C9-C15		<462		462	11/29/2023 18:40	C23112913.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	94.9%	70-130		11/29/2023 18:40	C23112913.D
Surrogate: Toluene-d8	2037-26-5	93.1%	70-130		11/29/2023 18:40	C23112913.D
Surrogate: Bromofluorobenzene	460-00-4	91.8%	70-130		11/29/2023 18:40	C23112913.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-09

06R_SG_09_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m ³)	Q	LOQ (µg/m ³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.79		0.79	11/29/2023 19:08	C23112914.D
1,1-Dichloroethene	75-35-4	<1.93		1.93	11/29/2023 19:08	C23112914.D
Methylene Chloride	75-09-2	<1.82		1.82	11/29/2023 19:08	C23112914.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.72		0.72	11/29/2023 19:08	C23112914.D
trans-1,2-Dichloroethene	156-60-5	<1.45		1.45	11/29/2023 19:08	C23112914.D
Methyl-t-butyl ether	1634-04-4	<3.19		3.19	11/29/2023 19:08	C23112914.D
1,1-Dichloroethane	75-34-3	<0.75		0.75	11/29/2023 19:08	C23112914.D
cis-1,2-Dichloroethene	156-59-2	<1.20		1.20	11/29/2023 19:08	C23112914.D
Chloroform	67-66-3	<1.82		1.82	11/29/2023 19:08	C23112914.D
1,2-Dichloroethane	107-06-2	<1.14		1.14	11/29/2023 19:08	C23112914.D
1,1,1-Trichloroethane	71-55-6	<0.61		0.61	11/29/2023 19:08	C23112914.D
Carbon Tetrachloride	56-23-5	<1.48		1.48	11/29/2023 19:08	C23112914.D
Benzene	71-43-2	13.9		3.01	11/29/2023 19:08	C23112914.D
Trichloroethene	79-01-6	<1.93		1.93	11/29/2023 19:08	C23112914.D
1,4-Dioxane	123-91-1	<1.56		1.56	11/29/2023 19:08	C23112914.D
1,1,2-Trichloroethane	79-00-5	<1.93		1.93	11/29/2023 19:08	C23112914.D
Toluene	108-88-3	<3.99		3.99	11/29/2023 19:08	C23112914.D
1,2-Dibromoethane (EDB)	106-93-4	<1.64		1.64	11/29/2023 19:08	C23112914.D
Tetrachloroethene	127-18-4	<1.56		1.56	11/29/2023 19:08	C23112914.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.56		1.56	11/29/2023 19:08	C23112914.D
Chlorobenzene	108-90-7	<0.75		0.75	11/29/2023 19:08	C23112914.D
Ethylbenzene	100-41-4	<1.88		1.88	11/29/2023 19:08	C23112914.D
p & m-Xylene	179601-23-1	<1.81		1.81	11/29/2023 19:08	C23112914.D
o-Xylene	95-47-6	<1.81		1.81	11/29/2023 19:08	C23112914.D
1,2,3-Trichloropropane	96-18-4	<0.85		0.85	11/29/2023 19:08	C23112914.D
Isopropylbenzene	98-82-8	<1.92		1.92	11/29/2023 19:08	C23112914.D
1,3,5-Trimethylbenzene	108-67-8	<1.92		1.92	11/29/2023 19:08	C23112914.D
1,2,4-Trimethylbenzene	95-63-6	<1.92		1.92	11/29/2023 19:08	C23112914.D
1,3-Dichlorobenzene	541-73-1	<0.85		0.85	11/29/2023 19:08	C23112914.D
1,4-Dichlorobenzene	106-46-7	<0.85		0.85	11/29/2023 19:08	C23112914.D
1,2-Dichlorobenzene	95-50-1	<0.85		0.85	11/29/2023 19:08	C23112914.D
1,2,4-Trichlorobenzene	120-82-1	<1.64		1.64	11/29/2023 19:08	C23112914.D
Naphthalene	91-20-3	<1.99		1.99	11/29/2023 19:08	C23112914.D
1,2,3-Trichlorobenzene	87-61-6	<1.64		1.64	11/29/2023 19:08	C23112914.D
2-Methylnaphthalene	91-57-6	<2.10		2.10	11/29/2023 19:08	C23112914.D
☉ TPH C5-C8		<541		541	11/29/2023 19:08	C23112914.D
☉ TPH C9-C15		<462		462	11/29/2023 19:08	C23112914.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.3%	70-130		11/29/2023 19:08	C23112914.D
Surrogate: Toluene-d8	2037-26-5	94.4%	70-130		11/29/2023 19:08	C23112914.D
Surrogate: Bromofluorobenzene	460-00-4	92.7%	70-130		11/29/2023 19:08	C23112914.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-10

06R_SG_10_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.79		0.79	11/29/2023 19:36	C23112915.D
1,1-Dichloroethene	75-35-4	<1.94		1.94	11/29/2023 19:36	C23112915.D
Methylene Chloride	75-09-2	<1.83		1.83	11/29/2023 19:36	C23112915.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.72		0.72	11/29/2023 19:36	C23112915.D
trans-1,2-Dichloroethene	156-60-5	<1.45		1.45	11/29/2023 19:36	C23112915.D
Methyl-t-butyl ether	1634-04-4	<3.19		3.19	11/29/2023 19:36	C23112915.D
1,1-Dichloroethane	75-34-3	<0.75		0.75	11/29/2023 19:36	C23112915.D
cis-1,2-Dichloroethene	156-59-2	<1.21		1.21	11/29/2023 19:36	C23112915.D
Chloroform	67-66-3	<1.83		1.83	11/29/2023 19:36	C23112915.D
1,2-Dichloroethane	107-06-2	<1.14		1.14	11/29/2023 19:36	C23112915.D
1,1,1-Trichloroethane	71-55-6	<0.61		0.61	11/29/2023 19:36	C23112915.D
Carbon Tetrachloride	56-23-5	<1.49		1.49	11/29/2023 19:36	C23112915.D
Benzene	71-43-2	6.65		3.01	11/29/2023 19:36	C23112915.D
Trichloroethene	79-01-6	<1.94		1.94	11/29/2023 19:36	C23112915.D
1,4-Dioxane	123-91-1	<1.56		1.56	11/29/2023 19:36	C23112915.D
1,1,2-Trichloroethane	79-00-5	<1.94		1.94	11/29/2023 19:36	C23112915.D
Toluene	108-88-3	<3.99		3.99	11/29/2023 19:36	C23112915.D
1,2-Dibromoethane (EDB)	106-93-4	<1.64		1.64	11/29/2023 19:36	C23112915.D
Tetrachloroethene	127-18-4	<1.56		1.56	11/29/2023 19:36	C23112915.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.56		1.56	11/29/2023 19:36	C23112915.D
Chlorobenzene	108-90-7	<0.75		0.75	11/29/2023 19:36	C23112915.D
Ethylbenzene	100-41-4	<1.88		1.88	11/29/2023 19:36	C23112915.D
p & m-Xylene	179601-23-1	<1.81		1.81	11/29/2023 19:36	C23112915.D
o-Xylene	95-47-6	<1.81		1.81	11/29/2023 19:36	C23112915.D
1,2,3-Trichloropropane	96-18-4	<0.85		0.85	11/29/2023 19:36	C23112915.D
Isopropylbenzene	98-82-8	<1.92		1.92	11/29/2023 19:36	C23112915.D
1,3,5-Trimethylbenzene	108-67-8	<1.92		1.92	11/29/2023 19:36	C23112915.D
1,2,4-Trimethylbenzene	95-63-6	<1.92		1.92	11/29/2023 19:36	C23112915.D
1,3-Dichlorobenzene	541-73-1	<0.85		0.85	11/29/2023 19:36	C23112915.D
1,4-Dichlorobenzene	106-46-7	<0.85		0.85	11/29/2023 19:36	C23112915.D
1,2-Dichlorobenzene	95-50-1	<0.85		0.85	11/29/2023 19:36	C23112915.D
1,2,4-Trichlorobenzene	120-82-1	<1.64		1.64	11/29/2023 19:36	C23112915.D
Naphthalene	91-20-3	<2.00		2.00	11/29/2023 19:36	C23112915.D
1,2,3-Trichlorobenzene	87-61-6	<1.64		1.64	11/29/2023 19:36	C23112915.D
2-Methylnaphthalene	91-57-6	<2.10		2.10	11/29/2023 19:36	C23112915.D
☉ TPH C5-C8		<541		541	11/29/2023 19:36	C23112915.D
☉ TPH C9-C15		<463		463	11/29/2023 19:36	C23112915.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	94.8%	70-130		11/29/2023 19:36	C23112915.D
Surrogate: Toluene-d8	2037-26-5	94.1%	70-130		11/29/2023 19:36	C23112915.D
Surrogate: Bromofluorobenzene	460-00-4	92.7%	70-130		11/29/2023 19:36	C23112915.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-11

06R_SG_11_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m ³)	Q	LOQ (µg/m ³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.85		0.85	11/29/2023 20:05	C23112916.D
1,1-Dichloroethene	75-35-4	<2.09		2.09	11/29/2023 20:05	C23112916.D
Methylene Chloride	75-09-2	<1.97		1.97	11/29/2023 20:05	C23112916.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/29/2023 20:05	C23112916.D
trans-1,2-Dichloroethene	156-60-5	<1.57		1.57	11/29/2023 20:05	C23112916.D
Methyl-t-butyl ether	1634-04-4	<3.45		3.45	11/29/2023 20:05	C23112916.D
1,1-Dichloroethane	75-34-3	<0.81		0.81	11/29/2023 20:05	C23112916.D
cis-1,2-Dichloroethene	156-59-2	<1.30		1.30	11/29/2023 20:05	C23112916.D
Chloroform	67-66-3	<1.97		1.97	11/29/2023 20:05	C23112916.D
1,2-Dichloroethane	107-06-2	<1.23		1.23	11/29/2023 20:05	C23112916.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/29/2023 20:05	C23112916.D
Carbon Tetrachloride	56-23-5	<1.60		1.60	11/29/2023 20:05	C23112916.D
Benzene	71-43-2	3.31		3.25	11/29/2023 20:05	C23112916.D
Trichloroethene	79-01-6	<2.09		2.09	11/29/2023 20:05	C23112916.D
1,4-Dioxane	123-91-1	<1.68		1.68	11/29/2023 20:05	C23112916.D
1,1,2-Trichloroethane	79-00-5	<2.09		2.09	11/29/2023 20:05	C23112916.D
Toluene	108-88-3	<4.31		4.31	11/29/2023 20:05	C23112916.D
1,2-Dibromoethane (EDB)	106-93-4	<1.77		1.77	11/29/2023 20:05	C23112916.D
Tetrachloroethene	127-18-4	<1.68		1.68	11/29/2023 20:05	C23112916.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.68		1.68	11/29/2023 20:05	C23112916.D
Chlorobenzene	108-90-7	<0.81		0.81	11/29/2023 20:05	C23112916.D
Ethylbenzene	100-41-4	<2.03		2.03	11/29/2023 20:05	C23112916.D
p & m-Xylene	179601-23-1	<1.96		1.96	11/29/2023 20:05	C23112916.D
o-Xylene	95-47-6	<1.96		1.96	11/29/2023 20:05	C23112916.D
1,2,3-Trichloropropane	96-18-4	<0.92		0.92	11/29/2023 20:05	C23112916.D
Isopropylbenzene	98-82-8	<2.08		2.08	11/29/2023 20:05	C23112916.D
1,3,5-Trimethylbenzene	108-67-8	<2.08		2.08	11/29/2023 20:05	C23112916.D
1,2,4-Trimethylbenzene	95-63-6	<2.08		2.08	11/29/2023 20:05	C23112916.D
1,3-Dichlorobenzene	541-73-1	<0.92		0.92	11/29/2023 20:05	C23112916.D
1,4-Dichlorobenzene	106-46-7	<0.92		0.92	11/29/2023 20:05	C23112916.D
1,2-Dichlorobenzene	95-50-1	<0.92		0.92	11/29/2023 20:05	C23112916.D
1,2,4-Trichlorobenzene	120-82-1	<1.77		1.77	11/29/2023 20:05	C23112916.D
Naphthalene	91-20-3	<2.16		2.16	11/29/2023 20:05	C23112916.D
1,2,3-Trichlorobenzene	87-61-6	<1.77		1.77	11/29/2023 20:05	C23112916.D
2-Methylnaphthalene	91-57-6	<2.27		2.27	11/29/2023 20:05	C23112916.D
☉ TPH C5-C8		<585		585	11/29/2023 20:05	C23112916.D
☉ TPH C9-C15		<500		500	11/29/2023 20:05	C23112916.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	96.9%	70-130		11/29/2023 20:05	C23112916.D
Surrogate: Toluene-d8	2037-26-5	92.2%	70-130		11/29/2023 20:05	C23112916.D
Surrogate: Bromofluorobenzene	460-00-4	94.1%	70-130		11/29/2023 20:05	C23112916.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-12

06R_SG_12_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m ³)	Q	LOQ (µg/m ³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.85		0.85	11/29/2023 20:33	C23112917.D
1,1-Dichloroethene	75-35-4	<2.09		2.09	11/29/2023 20:33	C23112917.D
Methylene Chloride	75-09-2	<1.97		1.97	11/29/2023 20:33	C23112917.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/29/2023 20:33	C23112917.D
trans-1,2-Dichloroethene	156-60-5	<1.57		1.57	11/29/2023 20:33	C23112917.D
Methyl-t-butyl ether	1634-04-4	<3.45		3.45	11/29/2023 20:33	C23112917.D
1,1-Dichloroethane	75-34-3	<0.81		0.81	11/29/2023 20:33	C23112917.D
cis-1,2-Dichloroethene	156-59-2	<1.30		1.30	11/29/2023 20:33	C23112917.D
Chloroform	67-66-3	<1.97		1.97	11/29/2023 20:33	C23112917.D
1,2-Dichloroethane	107-06-2	<1.23		1.23	11/29/2023 20:33	C23112917.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/29/2023 20:33	C23112917.D
Carbon Tetrachloride	56-23-5	<1.60		1.60	11/29/2023 20:33	C23112917.D
Benzene	71-43-2	<3.26		3.26	11/29/2023 20:33	C23112917.D
Trichloroethene	79-01-6	<2.09		2.09	11/29/2023 20:33	C23112917.D
1,4-Dioxane	123-91-1	<1.68		1.68	11/29/2023 20:33	C23112917.D
1,1,2-Trichloroethane	79-00-5	<2.09		2.09	11/29/2023 20:33	C23112917.D
Toluene	108-88-3	<4.31		4.31	11/29/2023 20:33	C23112917.D
1,2-Dibromoethane (EDB)	106-93-4	<1.77		1.77	11/29/2023 20:33	C23112917.D
Tetrachloroethene	127-18-4	3.66		1.68	11/29/2023 20:33	C23112917.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.68		1.68	11/29/2023 20:33	C23112917.D
Chlorobenzene	108-90-7	<0.81		0.81	11/29/2023 20:33	C23112917.D
Ethylbenzene	100-41-4	<2.03		2.03	11/29/2023 20:33	C23112917.D
p & m-Xylene	179601-23-1	<1.96		1.96	11/29/2023 20:33	C23112917.D
o-Xylene	95-47-6	<1.96		1.96	11/29/2023 20:33	C23112917.D
1,2,3-Trichloropropane	96-18-4	<0.92		0.92	11/29/2023 20:33	C23112917.D
Isopropylbenzene	98-82-8	<2.08		2.08	11/29/2023 20:33	C23112917.D
1,3,5-Trimethylbenzene	108-67-8	<2.08		2.08	11/29/2023 20:33	C23112917.D
1,2,4-Trimethylbenzene	95-63-6	<2.08		2.08	11/29/2023 20:33	C23112917.D
1,3-Dichlorobenzene	541-73-1	<0.92		0.92	11/29/2023 20:33	C23112917.D
1,4-Dichlorobenzene	106-46-7	<0.92		0.92	11/29/2023 20:33	C23112917.D
1,2-Dichlorobenzene	95-50-1	<0.92		0.92	11/29/2023 20:33	C23112917.D
1,2,4-Trichlorobenzene	120-82-1	<1.77		1.77	11/29/2023 20:33	C23112917.D
Naphthalene	91-20-3	<2.16		2.16	11/29/2023 20:33	C23112917.D
1,2,3-Trichlorobenzene	87-61-6	<1.77		1.77	11/29/2023 20:33	C23112917.D
2-Methylnaphthalene	91-57-6	<2.27		2.27	11/29/2023 20:33	C23112917.D
☉ TPH C5-C8		<585		585	11/29/2023 20:33	C23112917.D
☉ TPH C9-C15		<500		500	11/29/2023 20:33	C23112917.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	94.1%	70-130		11/29/2023 20:33	C23112917.D
Surrogate: Toluene-d8	2037-26-5	93.9%	70-130		11/29/2023 20:33	C23112917.D
Surrogate: Bromofluorobenzene	460-00-4	90.5%	70-130		11/29/2023 20:33	C23112917.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-13

06R_SG_13_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.85		0.85	11/29/2023 21:01	C23112918.D
1,1-Dichloroethene	75-35-4	<2.09		2.09	11/29/2023 21:01	C23112918.D
Methylene Chloride	75-09-2	<1.97		1.97	11/29/2023 21:01	C23112918.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/29/2023 21:01	C23112918.D
trans-1,2-Dichloroethene	156-60-5	<1.57		1.57	11/29/2023 21:01	C23112918.D
Methyl-t-butyl ether	1634-04-4	<3.45		3.45	11/29/2023 21:01	C23112918.D
1,1-Dichloroethane	75-34-3	<0.81		0.81	11/29/2023 21:01	C23112918.D
cis-1,2-Dichloroethene	156-59-2	<1.30		1.30	11/29/2023 21:01	C23112918.D
Chloroform	67-66-3	<1.97		1.97	11/29/2023 21:01	C23112918.D
1,2-Dichloroethane	107-06-2	<1.23		1.23	11/29/2023 21:01	C23112918.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/29/2023 21:01	C23112918.D
Carbon Tetrachloride	56-23-5	<1.61		1.61	11/29/2023 21:01	C23112918.D
Benzene	71-43-2	<3.26		3.26	11/29/2023 21:01	C23112918.D
Trichloroethene	79-01-6	<2.09		2.09	11/29/2023 21:01	C23112918.D
1,4-Dioxane	123-91-1	<1.68		1.68	11/29/2023 21:01	C23112918.D
1,1,2-Trichloroethane	79-00-5	<2.09		2.09	11/29/2023 21:01	C23112918.D
Toluene	108-88-3	<4.31		4.31	11/29/2023 21:01	C23112918.D
1,2-Dibromoethane (EDB)	106-93-4	<1.77		1.77	11/29/2023 21:01	C23112918.D
Tetrachloroethene	127-18-4	2.81		1.68	11/29/2023 21:01	C23112918.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.68		1.68	11/29/2023 21:01	C23112918.D
Chlorobenzene	108-90-7	<0.81		0.81	11/29/2023 21:01	C23112918.D
Ethylbenzene	100-41-4	<2.03		2.03	11/29/2023 21:01	C23112918.D
p & m-Xylene	179601-23-1	<1.96		1.96	11/29/2023 21:01	C23112918.D
o-Xylene	95-47-6	<1.96		1.96	11/29/2023 21:01	C23112918.D
1,2,3-Trichloropropane	96-18-4	<0.92		0.92	11/29/2023 21:01	C23112918.D
Isopropylbenzene	98-82-8	<2.08		2.08	11/29/2023 21:01	C23112918.D
1,3,5-Trimethylbenzene	108-67-8	<2.08		2.08	11/29/2023 21:01	C23112918.D
1,2,4-Trimethylbenzene	95-63-6	<2.08		2.08	11/29/2023 21:01	C23112918.D
1,3-Dichlorobenzene	541-73-1	<0.92		0.92	11/29/2023 21:01	C23112918.D
1,4-Dichlorobenzene	106-46-7	<0.92		0.92	11/29/2023 21:01	C23112918.D
1,2-Dichlorobenzene	95-50-1	<0.92		0.92	11/29/2023 21:01	C23112918.D
1,2,4-Trichlorobenzene	120-82-1	<1.77		1.77	11/29/2023 21:01	C23112918.D
Naphthalene	91-20-3	<2.16		2.16	11/29/2023 21:01	C23112918.D
1,2,3-Trichlorobenzene	87-61-6	<1.77		1.77	11/29/2023 21:01	C23112918.D
2-Methylnaphthalene	91-57-6	<2.27		2.27	11/29/2023 21:01	C23112918.D
ε TPH C5-C8		<585		585	11/29/2023 21:01	C23112918.D
ε TPH C9-C15		<500		500	11/29/2023 21:01	C23112918.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	94.1%	70-130		11/29/2023 21:01	C23112918.D
Surrogate: Toluene-d8	2037-26-5	93.0%	70-130		11/29/2023 21:01	C23112918.D
Surrogate: Bromofluorobenzene	460-00-4	94.5%	70-130		11/29/2023 21:01	C23112918.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-14

06R_SG_14_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.85		0.85	11/29/2023 21:28	C23112919.D
1,1-Dichloroethene	75-35-4	<2.09		2.09	11/29/2023 21:28	C23112919.D
Methylene Chloride	75-09-2	<1.97		1.97	11/29/2023 21:28	C23112919.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/29/2023 21:28	C23112919.D
trans-1,2-Dichloroethene	156-60-5	<1.57		1.57	11/29/2023 21:28	C23112919.D
Methyl-t-butyl ether	1634-04-4	<3.46		3.46	11/29/2023 21:28	C23112919.D
1,1-Dichloroethane	75-34-3	<0.81		0.81	11/29/2023 21:28	C23112919.D
cis-1,2-Dichloroethene	156-59-2	<1.30		1.30	11/29/2023 21:28	C23112919.D
Chloroform	67-66-3	<1.97		1.97	11/29/2023 21:28	C23112919.D
1,2-Dichloroethane	107-06-2	<1.23		1.23	11/29/2023 21:28	C23112919.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/29/2023 21:28	C23112919.D
Carbon Tetrachloride	56-23-5	<1.61		1.61	11/29/2023 21:28	C23112919.D
Benzene	71-43-2	<3.26		3.26	11/29/2023 21:28	C23112919.D
Trichloroethene	79-01-6	<2.09		2.09	11/29/2023 21:28	C23112919.D
1,4-Dioxane	123-91-1	<1.69		1.69	11/29/2023 21:28	C23112919.D
1,1,2-Trichloroethane	79-00-5	<2.09		2.09	11/29/2023 21:28	C23112919.D
Toluene	108-88-3	<4.32		4.32	11/29/2023 21:28	C23112919.D
1,2-Dibromoethane (EDB)	106-93-4	<1.77		1.77	11/29/2023 21:28	C23112919.D
Tetrachloroethene	127-18-4	<1.69		1.69	11/29/2023 21:28	C23112919.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.69		1.69	11/29/2023 21:28	C23112919.D
Chlorobenzene	108-90-7	<0.81		0.81	11/29/2023 21:28	C23112919.D
Ethylbenzene	100-41-4	<2.03		2.03	11/29/2023 21:28	C23112919.D
p & m-Xylene	179601-23-1	<1.96		1.96	11/29/2023 21:28	C23112919.D
o-Xylene	95-47-6	<1.96		1.96	11/29/2023 21:28	C23112919.D
1,2,3-Trichloropropane	96-18-4	<0.92		0.92	11/29/2023 21:28	C23112919.D
Isopropylbenzene	98-82-8	<2.08		2.08	11/29/2023 21:28	C23112919.D
1,3,5-Trimethylbenzene	108-67-8	<2.08		2.08	11/29/2023 21:28	C23112919.D
1,2,4-Trimethylbenzene	95-63-6	<2.08		2.08	11/29/2023 21:28	C23112919.D
1,3-Dichlorobenzene	541-73-1	<0.92		0.92	11/29/2023 21:28	C23112919.D
1,4-Dichlorobenzene	106-46-7	<0.92		0.92	11/29/2023 21:28	C23112919.D
1,2-Dichlorobenzene	95-50-1	<0.92		0.92	11/29/2023 21:28	C23112919.D
1,2,4-Trichlorobenzene	120-82-1	<1.77		1.77	11/29/2023 21:28	C23112919.D
Naphthalene	91-20-3	<2.16		2.16	11/29/2023 21:28	C23112919.D
1,2,3-Trichlorobenzene	87-61-6	<1.77		1.77	11/29/2023 21:28	C23112919.D
2-Methylnaphthalene	91-57-6	<2.27		2.27	11/29/2023 21:28	C23112919.D
☉ TPH C5-C8		<586		586	11/29/2023 21:28	C23112919.D
☉ TPH C9-C15		<501		501	11/29/2023 21:28	C23112919.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	95.3%	70-130		11/29/2023 21:28	C23112919.D
Surrogate: Toluene-d8	2037-26-5	91.9%	70-130		11/29/2023 21:28	C23112919.D
Surrogate: Bromofluorobenzene	460-00-4	94.3%	70-130		11/29/2023 21:28	C23112919.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-15

06R_SG_15_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.85		0.85	11/29/2023 21:56	C23112920.D
1,1-Dichloroethene	75-35-4	<2.09		2.09	11/29/2023 21:56	C23112920.D
Methylene Chloride	75-09-2	<1.97		1.97	11/29/2023 21:56	C23112920.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/29/2023 21:56	C23112920.D
trans-1,2-Dichloroethene	156-60-5	<1.57		1.57	11/29/2023 21:56	C23112920.D
Methyl-t-butyl ether	1634-04-4	<3.45		3.45	11/29/2023 21:56	C23112920.D
1,1-Dichloroethane	75-34-3	<0.81		0.81	11/29/2023 21:56	C23112920.D
cis-1,2-Dichloroethene	156-59-2	<1.30		1.30	11/29/2023 21:56	C23112920.D
Chloroform	67-66-3	<1.97		1.97	11/29/2023 21:56	C23112920.D
1,2-Dichloroethane	107-06-2	<1.23		1.23	11/29/2023 21:56	C23112920.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/29/2023 21:56	C23112920.D
Carbon Tetrachloride	56-23-5	<1.61		1.61	11/29/2023 21:56	C23112920.D
Benzene	71-43-2	<3.26		3.26	11/29/2023 21:56	C23112920.D
Trichloroethene	79-01-6	<2.09		2.09	11/29/2023 21:56	C23112920.D
1,4-Dioxane	123-91-1	<1.68		1.68	11/29/2023 21:56	C23112920.D
1,1,2-Trichloroethane	79-00-5	<2.09		2.09	11/29/2023 21:56	C23112920.D
Toluene	108-88-3	<4.32		4.32	11/29/2023 21:56	C23112920.D
1,2-Dibromoethane (EDB)	106-93-4	<1.77		1.77	11/29/2023 21:56	C23112920.D
Tetrachloroethene	127-18-4	<1.68		1.68	11/29/2023 21:56	C23112920.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.68		1.68	11/29/2023 21:56	C23112920.D
Chlorobenzene	108-90-7	<0.81		0.81	11/29/2023 21:56	C23112920.D
Ethylbenzene	100-41-4	<2.03		2.03	11/29/2023 21:56	C23112920.D
p & m-Xylene	179601-23-1	<1.96		1.96	11/29/2023 21:56	C23112920.D
o-Xylene	95-47-6	<1.96		1.96	11/29/2023 21:56	C23112920.D
1,2,3-Trichloropropane	96-18-4	<0.92		0.92	11/29/2023 21:56	C23112920.D
Isopropylbenzene	98-82-8	<2.08		2.08	11/29/2023 21:56	C23112920.D
1,3,5-Trimethylbenzene	108-67-8	<2.08		2.08	11/29/2023 21:56	C23112920.D
1,2,4-Trimethylbenzene	95-63-6	<2.08		2.08	11/29/2023 21:56	C23112920.D
1,3-Dichlorobenzene	541-73-1	<0.92		0.92	11/29/2023 21:56	C23112920.D
1,4-Dichlorobenzene	106-46-7	<0.92		0.92	11/29/2023 21:56	C23112920.D
1,2-Dichlorobenzene	95-50-1	<0.92		0.92	11/29/2023 21:56	C23112920.D
1,2,4-Trichlorobenzene	120-82-1	<1.77		1.77	11/29/2023 21:56	C23112920.D
Naphthalene	91-20-3	<2.16		2.16	11/29/2023 21:56	C23112920.D
1,2,3-Trichlorobenzene	87-61-6	<1.77		1.77	11/29/2023 21:56	C23112920.D
2-Methylnaphthalene	91-57-6	<2.27		2.27	11/29/2023 21:56	C23112920.D
ε TPH C5-C8		<585		585	11/29/2023 21:56	C23112920.D
ε TPH C9-C15		<500		500	11/29/2023 21:56	C23112920.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	95.0%	70-130		11/29/2023 21:56	C23112920.D
Surrogate: Toluene-d8	2037-26-5	92.7%	70-130		11/29/2023 21:56	C23112920.D
Surrogate: Bromofluorobenzene	460-00-4	89.0%	70-130		11/29/2023 21:56	C23112920.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-16	06R_SG_16_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.85		0.85	11/29/2023 22:25	C23112921.D
1,1-Dichloroethene	75-35-4	<2.10		2.10	11/29/2023 22:25	C23112921.D
Methylene Chloride	75-09-2	<1.98		1.98	11/29/2023 22:25	C23112921.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/29/2023 22:25	C23112921.D
trans-1,2-Dichloroethene	156-60-5	<1.57		1.57	11/29/2023 22:25	C23112921.D
Methyl-t-butyl ether	1634-04-4	<3.46		3.46	11/29/2023 22:25	C23112921.D
1,1-Dichloroethane	75-34-3	<0.81		0.81	11/29/2023 22:25	C23112921.D
cis-1,2-Dichloroethene	156-59-2	<1.31		1.31	11/29/2023 22:25	C23112921.D
Chloroform	67-66-3	<1.98		1.98	11/29/2023 22:25	C23112921.D
1,2-Dichloroethane	107-06-2	<1.24		1.24	11/29/2023 22:25	C23112921.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/29/2023 22:25	C23112921.D
Carbon Tetrachloride	56-23-5	<1.61		1.61	11/29/2023 22:25	C23112921.D
Benzene	71-43-2	<3.26		3.26	11/29/2023 22:25	C23112921.D
Trichloroethene	79-01-6	<2.10		2.10	11/29/2023 22:25	C23112921.D
1,4-Dioxane	123-91-1	<1.69		1.69	11/29/2023 22:25	C23112921.D
1,1,2-Trichloroethane	79-00-5	<2.10		2.10	11/29/2023 22:25	C23112921.D
Toluene	108-88-3	<4.32		4.32	11/29/2023 22:25	C23112921.D
1,2-Dibromoethane (EDB)	106-93-4	<1.77		1.77	11/29/2023 22:25	C23112921.D
Tetrachloroethene	127-18-4	<1.69		1.69	11/29/2023 22:25	C23112921.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.69		1.69	11/29/2023 22:25	C23112921.D
Chlorobenzene	108-90-7	<0.81		0.81	11/29/2023 22:25	C23112921.D
Ethylbenzene	100-41-4	<2.03		2.03	11/29/2023 22:25	C23112921.D
p & m-Xylene	179601-23-1	<1.97		1.97	11/29/2023 22:25	C23112921.D
o-Xylene	95-47-6	<1.97		1.97	11/29/2023 22:25	C23112921.D
1,2,3-Trichloropropane	96-18-4	<0.92		0.92	11/29/2023 22:25	C23112921.D
Isopropylbenzene	98-82-8	<2.08		2.08	11/29/2023 22:25	C23112921.D
1,3,5-Trimethylbenzene	108-67-8	<2.08		2.08	11/29/2023 22:25	C23112921.D
1,2,4-Trimethylbenzene	95-63-6	<2.08		2.08	11/29/2023 22:25	C23112921.D
1,3-Dichlorobenzene	541-73-1	<0.92		0.92	11/29/2023 22:25	C23112921.D
1,4-Dichlorobenzene	106-46-7	<0.92		0.92	11/29/2023 22:25	C23112921.D
1,2-Dichlorobenzene	95-50-1	<0.92		0.92	11/29/2023 22:25	C23112921.D
1,2,4-Trichlorobenzene	120-82-1	<1.77		1.77	11/29/2023 22:25	C23112921.D
Naphthalene	91-20-3	<2.16		2.16	11/29/2023 22:25	C23112921.D
1,2,3-Trichlorobenzene	87-61-6	<1.77		1.77	11/29/2023 22:25	C23112921.D
2-Methylnaphthalene	91-57-6	<2.28		2.28	11/29/2023 22:25	C23112921.D
☉ TPH C5-C8		<586		586	11/29/2023 22:25	C23112921.D
☉ TPH C9-C15		<501		501	11/29/2023 22:25	C23112921.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	94.1%	70-130		11/29/2023 22:25	C23112921.D
Surrogate: Toluene-d8	2037-26-5	92.4%	70-130		11/29/2023 22:25	C23112921.D
Surrogate: Bromofluorobenzene	460-00-4	92.9%	70-130		11/29/2023 22:25	C23112921.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-17

06R_SG_17_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.85		0.85	11/29/2023 22:53	C23112922.D
1,1-Dichloroethene	75-35-4	<2.10		2.10	11/29/2023 22:53	C23112922.D
Methylene Chloride	75-09-2	<1.98		1.98	11/29/2023 22:53	C23112922.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/29/2023 22:53	C23112922.D
trans-1,2-Dichloroethene	156-60-5	<1.57		1.57	11/29/2023 22:53	C23112922.D
Methyl-t-butyl ether	1634-04-4	<3.46		3.46	11/29/2023 22:53	C23112922.D
1,1-Dichloroethane	75-34-3	<0.81		0.81	11/29/2023 22:53	C23112922.D
cis-1,2-Dichloroethene	156-59-2	<1.31		1.31	11/29/2023 22:53	C23112922.D
Chloroform	67-66-3	<1.98		1.98	11/29/2023 22:53	C23112922.D
1,2-Dichloroethane	107-06-2	<1.24		1.24	11/29/2023 22:53	C23112922.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/29/2023 22:53	C23112922.D
Carbon Tetrachloride	56-23-5	<1.61		1.61	11/29/2023 22:53	C23112922.D
Benzene	71-43-2	<3.26		3.26	11/29/2023 22:53	C23112922.D
Trichloroethene	79-01-6	<2.10		2.10	11/29/2023 22:53	C23112922.D
1,4-Dioxane	123-91-1	<1.69		1.69	11/29/2023 22:53	C23112922.D
1,1,2-Trichloroethane	79-00-5	<2.10		2.10	11/29/2023 22:53	C23112922.D
Toluene	108-88-3	<4.33		4.33	11/29/2023 22:53	C23112922.D
1,2-Dibromoethane (EDB)	106-93-4	<1.77		1.77	11/29/2023 22:53	C23112922.D
Tetrachloroethene	127-18-4	8.57		1.69	11/29/2023 22:53	C23112922.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.69		1.69	11/29/2023 22:53	C23112922.D
Chlorobenzene	108-90-7	<0.81		0.81	11/29/2023 22:53	C23112922.D
Ethylbenzene	100-41-4	<2.04		2.04	11/29/2023 22:53	C23112922.D
p & m-Xylene	179601-23-1	<1.97		1.97	11/29/2023 22:53	C23112922.D
o-Xylene	95-47-6	<1.97		1.97	11/29/2023 22:53	C23112922.D
1,2,3-Trichloropropane	96-18-4	<0.92		0.92	11/29/2023 22:53	C23112922.D
Isopropylbenzene	98-82-8	<2.08		2.08	11/29/2023 22:53	C23112922.D
1,3,5-Trimethylbenzene	108-67-8	<2.08		2.08	11/29/2023 22:53	C23112922.D
1,2,4-Trimethylbenzene	95-63-6	<2.08		2.08	11/29/2023 22:53	C23112922.D
1,3-Dichlorobenzene	541-73-1	<0.92		0.92	11/29/2023 22:53	C23112922.D
1,4-Dichlorobenzene	106-46-7	<0.92		0.92	11/29/2023 22:53	C23112922.D
1,2-Dichlorobenzene	95-50-1	<0.92		0.92	11/29/2023 22:53	C23112922.D
1,2,4-Trichlorobenzene	120-82-1	<1.77		1.77	11/29/2023 22:53	C23112922.D
Naphthalene	91-20-3	<2.16		2.16	11/29/2023 22:53	C23112922.D
1,2,3-Trichlorobenzene	87-61-6	<1.77		1.77	11/29/2023 22:53	C23112922.D
2-Methylnaphthalene	91-57-6	<2.28		2.28	11/29/2023 22:53	C23112922.D
☉ TPH C5-C8		<586		586	11/29/2023 22:53	C23112922.D
☉ TPH C9-C15		<501		501	11/29/2023 22:53	C23112922.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.2%	70-130		11/29/2023 22:53	C23112922.D
Surrogate: Toluene-d8	2037-26-5	92.4%	70-130		11/29/2023 22:53	C23112922.D
Surrogate: Bromofluorobenzene	460-00-4	93.5%	70-130		11/29/2023 22:53	C23112922.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-18

06R_SG_18_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.85		0.85	11/29/2023 23:20	C23112923.D
1,1-Dichloroethene	75-35-4	<2.10		2.10	11/29/2023 23:20	C23112923.D
Methylene Chloride	75-09-2	<1.98		1.98	11/29/2023 23:20	C23112923.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/29/2023 23:20	C23112923.D
trans-1,2-Dichloroethene	156-60-5	<1.57		1.57	11/29/2023 23:20	C23112923.D
Methyl-t-butyl ether	1634-04-4	<3.46		3.46	11/29/2023 23:20	C23112923.D
1,1-Dichloroethane	75-34-3	<0.81		0.81	11/29/2023 23:20	C23112923.D
cis-1,2-Dichloroethene	156-59-2	3.63		1.31	11/29/2023 23:20	C23112923.D
Chloroform	67-66-3	<1.98		1.98	11/29/2023 23:20	C23112923.D
1,2-Dichloroethane	107-06-2	<1.24		1.24	11/29/2023 23:20	C23112923.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/29/2023 23:20	C23112923.D
Carbon Tetrachloride	56-23-5	<1.61		1.61	11/29/2023 23:20	C23112923.D
Benzene	71-43-2	5.08		3.27	11/29/2023 23:20	C23112923.D
Trichloroethene	79-01-6	207		2.10	11/29/2023 23:20	C23112923.D
1,4-Dioxane	123-91-1	<1.69		1.69	11/29/2023 23:20	C23112923.D
1,1,2-Trichloroethane	79-00-5	<2.10		2.10	11/29/2023 23:20	C23112923.D
Toluene	108-88-3	<4.33		4.33	11/29/2023 23:20	C23112923.D
1,2-Dibromoethane (EDB)	106-93-4	<1.78		1.78	11/29/2023 23:20	C23112923.D
Tetrachloroethene	127-18-4	1,420		1.69	11/29/2023 23:20	C23112923.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.69		1.69	11/29/2023 23:20	C23112923.D
Chlorobenzene	108-90-7	<0.81		0.81	11/29/2023 23:20	C23112923.D
Ethylbenzene	100-41-4	<2.04		2.04	11/29/2023 23:20	C23112923.D
p & m-Xylene	179601-23-1	<1.97		1.97	11/29/2023 23:20	C23112923.D
o-Xylene	95-47-6	<1.97		1.97	11/29/2023 23:20	C23112923.D
1,2,3-Trichloropropane	96-18-4	<0.92		0.92	11/29/2023 23:20	C23112923.D
Isopropylbenzene	98-82-8	<2.09		2.09	11/29/2023 23:20	C23112923.D
1,3,5-Trimethylbenzene	108-67-8	<2.09		2.09	11/29/2023 23:20	C23112923.D
1,2,4-Trimethylbenzene	95-63-6	<2.09		2.09	11/29/2023 23:20	C23112923.D
1,3-Dichlorobenzene	541-73-1	<0.92		0.92	11/29/2023 23:20	C23112923.D
1,4-Dichlorobenzene	106-46-7	<0.92		0.92	11/29/2023 23:20	C23112923.D
1,2-Dichlorobenzene	95-50-1	<0.92		0.92	11/29/2023 23:20	C23112923.D
1,2,4-Trichlorobenzene	120-82-1	<1.78		1.78	11/29/2023 23:20	C23112923.D
Naphthalene	91-20-3	<2.16		2.16	11/29/2023 23:20	C23112923.D
1,2,3-Trichlorobenzene	87-61-6	<1.78		1.78	11/29/2023 23:20	C23112923.D
2-Methylnaphthalene	91-57-6	<2.28		2.28	11/29/2023 23:20	C23112923.D
☉ TPH C5-C8		<587		587	11/29/2023 23:20	C23112923.D
☉ TPH C9-C15		<502		502	11/29/2023 23:20	C23112923.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	92.9%	70-130		11/29/2023 23:20	C23112923.D
Surrogate: Toluene-d8	2037-26-5	91.8%	70-130		11/29/2023 23:20	C23112923.D
Surrogate: Bromofluorobenzene	460-00-4	91.9%	70-130		11/29/2023 23:20	C23112923.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-19

06R_SG_19_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/29/2023 23:48	C23112924.D
1,1-Dichloroethene	75-35-4	<2.10		2.10	11/29/2023 23:48	C23112924.D
Methylene Chloride	75-09-2	<1.98		1.98	11/29/2023 23:48	C23112924.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/29/2023 23:48	C23112924.D
trans-1,2-Dichloroethene	156-60-5	<1.57		1.57	11/29/2023 23:48	C23112924.D
Methyl-t-butyl ether	1634-04-4	<3.46		3.46	11/29/2023 23:48	C23112924.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/29/2023 23:48	C23112924.D
cis-1,2-Dichloroethene	156-59-2	<1.31		1.31	11/29/2023 23:48	C23112924.D
Chloroform	67-66-3	<1.98		1.98	11/29/2023 23:48	C23112924.D
1,2-Dichloroethane	107-06-2	<1.24		1.24	11/29/2023 23:48	C23112924.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/29/2023 23:48	C23112924.D
Carbon Tetrachloride	56-23-5	<1.61		1.61	11/29/2023 23:48	C23112924.D
Benzene	71-43-2	<3.27		3.27	11/29/2023 23:48	C23112924.D
Trichloroethene	79-01-6	<2.10		2.10	11/29/2023 23:48	C23112924.D
1,4-Dioxane	123-91-1	<1.69		1.69	11/29/2023 23:48	C23112924.D
1,1,2-Trichloroethane	79-00-5	<2.10		2.10	11/29/2023 23:48	C23112924.D
Toluene	108-88-3	<4.33		4.33	11/29/2023 23:48	C23112924.D
1,2-Dibromoethane (EDB)	106-93-4	<1.78		1.78	11/29/2023 23:48	C23112924.D
Tetrachloroethene	127-18-4	7.54		1.69	11/29/2023 23:48	C23112924.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.69		1.69	11/29/2023 23:48	C23112924.D
Chlorobenzene	108-90-7	<0.82		0.82	11/29/2023 23:48	C23112924.D
Ethylbenzene	100-41-4	<2.04		2.04	11/29/2023 23:48	C23112924.D
p & m-Xylene	179601-23-1	<1.97		1.97	11/29/2023 23:48	C23112924.D
o-Xylene	95-47-6	<1.97		1.97	11/29/2023 23:48	C23112924.D
1,2,3-Trichloropropane	96-18-4	<0.92		0.92	11/29/2023 23:48	C23112924.D
Isopropylbenzene	98-82-8	<2.09		2.09	11/29/2023 23:48	C23112924.D
1,3,5-Trimethylbenzene	108-67-8	<2.09		2.09	11/29/2023 23:48	C23112924.D
1,2,4-Trimethylbenzene	95-63-6	<2.09		2.09	11/29/2023 23:48	C23112924.D
1,3-Dichlorobenzene	541-73-1	<0.92		0.92	11/29/2023 23:48	C23112924.D
1,4-Dichlorobenzene	106-46-7	<0.92		0.92	11/29/2023 23:48	C23112924.D
1,2-Dichlorobenzene	95-50-1	<0.92		0.92	11/29/2023 23:48	C23112924.D
1,2,4-Trichlorobenzene	120-82-1	<1.78		1.78	11/29/2023 23:48	C23112924.D
Naphthalene	91-20-3	<2.17		2.17	11/29/2023 23:48	C23112924.D
1,2,3-Trichlorobenzene	87-61-6	<1.78		1.78	11/29/2023 23:48	C23112924.D
2-Methylnaphthalene	91-57-6	<2.28		2.28	11/29/2023 23:48	C23112924.D
☉ TPH C5-C8		<587		587	11/29/2023 23:48	C23112924.D
☉ TPH C9-C15		<502		502	11/29/2023 23:48	C23112924.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.3%	70-130		11/29/2023 23:48	C23112924.D
Surrogate: Toluene-d8	2037-26-5	91.4%	70-130		11/29/2023 23:48	C23112924.D
Surrogate: Bromofluorobenzene	460-00-4	94.3%	70-130		11/29/2023 23:48	C23112924.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-20

06R_SG_20_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 00:16	C23112925.D
1,1-Dichloroethene	75-35-4	<2.10		2.10	11/30/2023 00:16	C23112925.D
Methylene Chloride	75-09-2	<1.98		1.98	11/30/2023 00:16	C23112925.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/30/2023 00:16	C23112925.D
trans-1,2-Dichloroethene	156-60-5	<1.58		1.58	11/30/2023 00:16	C23112925.D
Methyl-t-butyl ether	1634-04-4	<3.47		3.47	11/30/2023 00:16	C23112925.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 00:16	C23112925.D
cis-1,2-Dichloroethene	156-59-2	<1.31		1.31	11/30/2023 00:16	C23112925.D
Chloroform	67-66-3	<1.98		1.98	11/30/2023 00:16	C23112925.D
1,2-Dichloroethane	107-06-2	<1.24		1.24	11/30/2023 00:16	C23112925.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/30/2023 00:16	C23112925.D
Carbon Tetrachloride	56-23-5	<1.61		1.61	11/30/2023 00:16	C23112925.D
Benzene	71-43-2	<3.27		3.27	11/30/2023 00:16	C23112925.D
Trichloroethene	79-01-6	<2.10		2.10	11/30/2023 00:16	C23112925.D
1,4-Dioxane	123-91-1	<1.69		1.69	11/30/2023 00:16	C23112925.D
1,1,2-Trichloroethane	79-00-5	<2.10		2.10	11/30/2023 00:16	C23112925.D
Toluene	108-88-3	<4.33		4.33	11/30/2023 00:16	C23112925.D
1,2-Dibromoethane (EDB)	106-93-4	<1.78		1.78	11/30/2023 00:16	C23112925.D
Tetrachloroethene	127-18-4	<1.69		1.69	11/30/2023 00:16	C23112925.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.69		1.69	11/30/2023 00:16	C23112925.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 00:16	C23112925.D
Ethylbenzene	100-41-4	<2.04		2.04	11/30/2023 00:16	C23112925.D
p & m-Xylene	179601-23-1	<1.97		1.97	11/30/2023 00:16	C23112925.D
o-Xylene	95-47-6	<1.97		1.97	11/30/2023 00:16	C23112925.D
1,2,3-Trichloropropane	96-18-4	<0.92		0.92	11/30/2023 00:16	C23112925.D
Isopropylbenzene	98-82-8	<2.09		2.09	11/30/2023 00:16	C23112925.D
1,3,5-Trimethylbenzene	108-67-8	<2.09		2.09	11/30/2023 00:16	C23112925.D
1,2,4-Trimethylbenzene	95-63-6	<2.09		2.09	11/30/2023 00:16	C23112925.D
1,3-Dichlorobenzene	541-73-1	<0.92		0.92	11/30/2023 00:16	C23112925.D
1,4-Dichlorobenzene	106-46-7	<0.92		0.92	11/30/2023 00:16	C23112925.D
1,2-Dichlorobenzene	95-50-1	<0.92		0.92	11/30/2023 00:16	C23112925.D
1,2,4-Trichlorobenzene	120-82-1	<1.78		1.78	11/30/2023 00:16	C23112925.D
Naphthalene	91-20-3	<2.17		2.17	11/30/2023 00:16	C23112925.D
1,2,3-Trichlorobenzene	87-61-6	<1.78		1.78	11/30/2023 00:16	C23112925.D
2-Methylnaphthalene	91-57-6	<2.28		2.28	11/30/2023 00:16	C23112925.D
☉ TPH C5-C8		<588		588	11/30/2023 00:16	C23112925.D
☉ TPH C9-C15		<502		502	11/30/2023 00:16	C23112925.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	92.5%	70-130		11/30/2023 00:16	C23112925.D
Surrogate: Toluene-d8	2037-26-5	92.3%	70-130		11/30/2023 00:16	C23112925.D
Surrogate: Bromofluorobenzene	460-00-4	95.0%	70-130		11/30/2023 00:16	C23112925.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-21	06R_SG_21_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 00:45	C23112926.D
1,1-Dichloroethene	75-35-4	<2.11		2.11	11/30/2023 00:45	C23112926.D
Methylene Chloride	75-09-2	<1.99		1.99	11/30/2023 00:45	C23112926.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/30/2023 00:45	C23112926.D
trans-1,2-Dichloroethene	156-60-5	<1.58		1.58	11/30/2023 00:45	C23112926.D
Methyl-t-butyl ether	1634-04-4	<3.47		3.47	11/30/2023 00:45	C23112926.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 00:45	C23112926.D
cis-1,2-Dichloroethene	156-59-2	<1.31		1.31	11/30/2023 00:45	C23112926.D
Chloroform	67-66-3	<1.99		1.99	11/30/2023 00:45	C23112926.D
1,2-Dichloroethane	107-06-2	<1.24		1.24	11/30/2023 00:45	C23112926.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/30/2023 00:45	C23112926.D
Carbon Tetrachloride	56-23-5	<1.62		1.62	11/30/2023 00:45	C23112926.D
Benzene	71-43-2	4.82		3.28	11/30/2023 00:45	C23112926.D
Trichloroethene	79-01-6	<2.11		2.11	11/30/2023 00:45	C23112926.D
1,4-Dioxane	123-91-1	<1.69		1.69	11/30/2023 00:45	C23112926.D
1,1,2-Trichloroethane	79-00-5	<2.11		2.11	11/30/2023 00:45	C23112926.D
Toluene	108-88-3	<4.34		4.34	11/30/2023 00:45	C23112926.D
1,2-Dibromoethane (EDB)	106-93-4	<1.78		1.78	11/30/2023 00:45	C23112926.D
Tetrachloroethene	127-18-4	<1.69		1.69	11/30/2023 00:45	C23112926.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.69		1.69	11/30/2023 00:45	C23112926.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 00:45	C23112926.D
Ethylbenzene	100-41-4	<2.04		2.04	11/30/2023 00:45	C23112926.D
p & m-Xylene	179601-23-1	<1.97		1.97	11/30/2023 00:45	C23112926.D
o-Xylene	95-47-6	<1.97		1.97	11/30/2023 00:45	C23112926.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 00:45	C23112926.D
Isopropylbenzene	98-82-8	<2.09		2.09	11/30/2023 00:45	C23112926.D
1,3,5-Trimethylbenzene	108-67-8	<2.09		2.09	11/30/2023 00:45	C23112926.D
1,2,4-Trimethylbenzene	95-63-6	<2.09		2.09	11/30/2023 00:45	C23112926.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 00:45	C23112926.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 00:45	C23112926.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 00:45	C23112926.D
1,2,4-Trichlorobenzene	120-82-1	<1.78		1.78	11/30/2023 00:45	C23112926.D
Naphthalene	91-20-3	<2.17		2.17	11/30/2023 00:45	C23112926.D
1,2,3-Trichlorobenzene	87-61-6	<1.78		1.78	11/30/2023 00:45	C23112926.D
2-Methylnaphthalene	91-57-6	<2.29		2.29	11/30/2023 00:45	C23112926.D
☉ TPH C5-C8		<589		589	11/30/2023 00:45	C23112926.D
☉ TPH C9-C15		<504		504	11/30/2023 00:45	C23112926.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	96.0%	70-130		11/30/2023 00:45	C23112926.D
Surrogate: Toluene-d8	2037-26-5	90.9%	70-130		11/30/2023 00:45	C23112926.D
Surrogate: Bromofluorobenzene	460-00-4	93.0%	70-130		11/30/2023 00:45	C23112926.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-22

06R_SG_22_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 01:13	C23112927.D
1,1-Dichloroethene	75-35-4	<2.11		2.11	11/30/2023 01:13	C23112927.D
Methylene Chloride	75-09-2	<1.99		1.99	11/30/2023 01:13	C23112927.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/30/2023 01:13	C23112927.D
trans-1,2-Dichloroethene	156-60-5	<1.58		1.58	11/30/2023 01:13	C23112927.D
Methyl-t-butyl ether	1634-04-4	<3.48		3.48	11/30/2023 01:13	C23112927.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 01:13	C23112927.D
cis-1,2-Dichloroethene	156-59-2	<1.31		1.31	11/30/2023 01:13	C23112927.D
Chloroform	67-66-3	<1.99		1.99	11/30/2023 01:13	C23112927.D
1,2-Dichloroethane	107-06-2	<1.24		1.24	11/30/2023 01:13	C23112927.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/30/2023 01:13	C23112927.D
Carbon Tetrachloride	56-23-5	<1.62		1.62	11/30/2023 01:13	C23112927.D
Benzene	71-43-2	<3.28		3.28	11/30/2023 01:13	C23112927.D
Trichloroethene	79-01-6	<2.11		2.11	11/30/2023 01:13	C23112927.D
1,4-Dioxane	123-91-1	<1.70		1.70	11/30/2023 01:13	C23112927.D
1,1,2-Trichloroethane	79-00-5	<2.11		2.11	11/30/2023 01:13	C23112927.D
Toluene	108-88-3	<4.35		4.35	11/30/2023 01:13	C23112927.D
1,2-Dibromoethane (EDB)	106-93-4	<1.78		1.78	11/30/2023 01:13	C23112927.D
Tetrachloroethene	127-18-4	<1.70		1.70	11/30/2023 01:13	C23112927.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.70		1.70	11/30/2023 01:13	C23112927.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 01:13	C23112927.D
Ethylbenzene	100-41-4	<2.05		2.05	11/30/2023 01:13	C23112927.D
p & m-Xylene	179601-23-1	<1.98		1.98	11/30/2023 01:13	C23112927.D
o-Xylene	95-47-6	<1.98		1.98	11/30/2023 01:13	C23112927.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 01:13	C23112927.D
Isopropylbenzene	98-82-8	<2.09		2.09	11/30/2023 01:13	C23112927.D
1,3,5-Trimethylbenzene	108-67-8	<2.09		2.09	11/30/2023 01:13	C23112927.D
1,2,4-Trimethylbenzene	95-63-6	<2.09		2.09	11/30/2023 01:13	C23112927.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 01:13	C23112927.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 01:13	C23112927.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 01:13	C23112927.D
1,2,4-Trichlorobenzene	120-82-1	<1.78		1.78	11/30/2023 01:13	C23112927.D
Naphthalene	91-20-3	<2.17		2.17	11/30/2023 01:13	C23112927.D
1,2,3-Trichlorobenzene	87-61-6	<1.78		1.78	11/30/2023 01:13	C23112927.D
2-Methylnaphthalene	91-57-6	<2.29		2.29	11/30/2023 01:13	C23112927.D
☉ TPH C5-C8		<589		589	11/30/2023 01:13	C23112927.D
☉ TPH C9-C15		<504		504	11/30/2023 01:13	C23112927.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	90.5%	70-130		11/30/2023 01:13	C23112927.D
Surrogate: Toluene-d8	2037-26-5	92.1%	70-130		11/30/2023 01:13	C23112927.D
Surrogate: Bromofluorobenzene	460-00-4	91.8%	70-130		11/30/2023 01:13	C23112927.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-23

06R_SG_23_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 01:40	C23112928.D
1,1-Dichloroethene	75-35-4	<2.11		2.11	11/30/2023 01:40	C23112928.D
Methylene Chloride	75-09-2	<1.99		1.99	11/30/2023 01:40	C23112928.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/30/2023 01:40	C23112928.D
trans-1,2-Dichloroethene	156-60-5	<1.58		1.58	11/30/2023 01:40	C23112928.D
Methyl-t-butyl ether	1634-04-4	<3.48		3.48	11/30/2023 01:40	C23112928.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 01:40	C23112928.D
cis-1,2-Dichloroethene	156-59-2	<1.31		1.31	11/30/2023 01:40	C23112928.D
Chloroform	67-66-3	<1.99		1.99	11/30/2023 01:40	C23112928.D
1,2-Dichloroethane	107-06-2	<1.24		1.24	11/30/2023 01:40	C23112928.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/30/2023 01:40	C23112928.D
Carbon Tetrachloride	56-23-5	<1.62		1.62	11/30/2023 01:40	C23112928.D
Benzene	71-43-2	<3.28		3.28	11/30/2023 01:40	C23112928.D
Trichloroethene	79-01-6	<2.11		2.11	11/30/2023 01:40	C23112928.D
1,4-Dioxane	123-91-1	<1.70		1.70	11/30/2023 01:40	C23112928.D
1,1,2-Trichloroethane	79-00-5	<2.11		2.11	11/30/2023 01:40	C23112928.D
Toluene	108-88-3	<4.35		4.35	11/30/2023 01:40	C23112928.D
1,2-Dibromoethane (EDB)	106-93-4	<1.78		1.78	11/30/2023 01:40	C23112928.D
Tetrachloroethene	127-18-4	<1.70		1.70	11/30/2023 01:40	C23112928.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.70		1.70	11/30/2023 01:40	C23112928.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 01:40	C23112928.D
Ethylbenzene	100-41-4	<2.05		2.05	11/30/2023 01:40	C23112928.D
p & m-Xylene	179601-23-1	<1.98		1.98	11/30/2023 01:40	C23112928.D
o-Xylene	95-47-6	<1.98		1.98	11/30/2023 01:40	C23112928.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 01:40	C23112928.D
Isopropylbenzene	98-82-8	<2.10		2.10	11/30/2023 01:40	C23112928.D
1,3,5-Trimethylbenzene	108-67-8	<2.10		2.10	11/30/2023 01:40	C23112928.D
1,2,4-Trimethylbenzene	95-63-6	<2.10		2.10	11/30/2023 01:40	C23112928.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 01:40	C23112928.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 01:40	C23112928.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 01:40	C23112928.D
1,2,4-Trichlorobenzene	120-82-1	<1.78		1.78	11/30/2023 01:40	C23112928.D
Naphthalene	91-20-3	<2.18		2.18	11/30/2023 01:40	C23112928.D
1,2,3-Trichlorobenzene	87-61-6	<1.78		1.78	11/30/2023 01:40	C23112928.D
2-Methylnaphthalene	91-57-6	<2.29		2.29	11/30/2023 01:40	C23112928.D
ε TPH C5-C8		<590		590	11/30/2023 01:40	C23112928.D
ε TPH C9-C15		<504		504	11/30/2023 01:40	C23112928.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.8%	70-130		11/30/2023 01:40	C23112928.D
Surrogate: Toluene-d8	2037-26-5	91.0%	70-130		11/30/2023 01:40	C23112928.D
Surrogate: Bromofluorobenzene	460-00-4	94.1%	70-130		11/30/2023 01:40	C23112928.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-24

06R_SG_24_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 02:08	C23112929.D
1,1-Dichloroethene	75-35-4	<2.11		2.11	11/30/2023 02:08	C23112929.D
Methylene Chloride	75-09-2	<1.99		1.99	11/30/2023 02:08	C23112929.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/30/2023 02:08	C23112929.D
trans-1,2-Dichloroethene	156-60-5	<1.58		1.58	11/30/2023 02:08	C23112929.D
Methyl-t-butyl ether	1634-04-4	<3.48		3.48	11/30/2023 02:08	C23112929.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 02:08	C23112929.D
cis-1,2-Dichloroethene	156-59-2	<1.31		1.31	11/30/2023 02:08	C23112929.D
Chloroform	67-66-3	<1.99		1.99	11/30/2023 02:08	C23112929.D
1,2-Dichloroethane	107-06-2	<1.24		1.24	11/30/2023 02:08	C23112929.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/30/2023 02:08	C23112929.D
Carbon Tetrachloride	56-23-5	<1.62		1.62	11/30/2023 02:08	C23112929.D
Benzene	71-43-2	<3.29		3.29	11/30/2023 02:08	C23112929.D
Trichloroethene	79-01-6	<2.11		2.11	11/30/2023 02:08	C23112929.D
1,4-Dioxane	123-91-1	<1.70		1.70	11/30/2023 02:08	C23112929.D
1,1,2-Trichloroethane	79-00-5	<2.11		2.11	11/30/2023 02:08	C23112929.D
Toluene	108-88-3	<4.35		4.35	11/30/2023 02:08	C23112929.D
1,2-Dibromoethane (EDB)	106-93-4	<1.79		1.79	11/30/2023 02:08	C23112929.D
Tetrachloroethene	127-18-4	<1.70		1.70	11/30/2023 02:08	C23112929.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.70		1.70	11/30/2023 02:08	C23112929.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 02:08	C23112929.D
Ethylbenzene	100-41-4	<2.05		2.05	11/30/2023 02:08	C23112929.D
p & m-Xylene	179601-23-1	<1.98		1.98	11/30/2023 02:08	C23112929.D
o-Xylene	95-47-6	<1.98		1.98	11/30/2023 02:08	C23112929.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 02:08	C23112929.D
Isopropylbenzene	98-82-8	<2.10		2.10	11/30/2023 02:08	C23112929.D
1,3,5-Trimethylbenzene	108-67-8	<2.10		2.10	11/30/2023 02:08	C23112929.D
1,2,4-Trimethylbenzene	95-63-6	<2.10		2.10	11/30/2023 02:08	C23112929.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 02:08	C23112929.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 02:08	C23112929.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 02:08	C23112929.D
1,2,4-Trichlorobenzene	120-82-1	<1.79		1.79	11/30/2023 02:08	C23112929.D
Naphthalene	91-20-3	<2.18		2.18	11/30/2023 02:08	C23112929.D
1,2,3-Trichlorobenzene	87-61-6	<1.79		1.79	11/30/2023 02:08	C23112929.D
2-Methylnaphthalene	91-57-6	<2.29		2.29	11/30/2023 02:08	C23112929.D
☉ TPH C5-C8		<590		590	11/30/2023 02:08	C23112929.D
☉ TPH C9-C15		<505		505	11/30/2023 02:08	C23112929.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	90.1%	70-130		11/30/2023 02:08	C23112929.D
Surrogate: Toluene-d8	2037-26-5	93.5%	70-130		11/30/2023 02:08	C23112929.D
Surrogate: Bromofluorobenzene	460-00-4	96.1%	70-130		11/30/2023 02:08	C23112929.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-25	06R_SG_25_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 02:36	C23112930.D
1,1-Dichloroethene	75-35-4	<2.11		2.11	11/30/2023 02:36	C23112930.D
Methylene Chloride	75-09-2	<1.99		1.99	11/30/2023 02:36	C23112930.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/30/2023 02:36	C23112930.D
trans-1,2-Dichloroethene	156-60-5	<1.58		1.58	11/30/2023 02:36	C23112930.D
Methyl-t-butyl ether	1634-04-4	<3.49		3.49	11/30/2023 02:36	C23112930.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 02:36	C23112930.D
cis-1,2-Dichloroethene	156-59-2	<1.32		1.32	11/30/2023 02:36	C23112930.D
Chloroform	67-66-3	<1.99		1.99	11/30/2023 02:36	C23112930.D
1,2-Dichloroethane	107-06-2	<1.24		1.24	11/30/2023 02:36	C23112930.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/30/2023 02:36	C23112930.D
Carbon Tetrachloride	56-23-5	<1.62		1.62	11/30/2023 02:36	C23112930.D
Benzene	71-43-2	<3.29		3.29	11/30/2023 02:36	C23112930.D
Trichloroethene	79-01-6	<2.11		2.11	11/30/2023 02:36	C23112930.D
1,4-Dioxane	123-91-1	<1.70		1.70	11/30/2023 02:36	C23112930.D
1,1,2-Trichloroethane	79-00-5	<2.11		2.11	11/30/2023 02:36	C23112930.D
Toluene	108-88-3	<4.36		4.36	11/30/2023 02:36	C23112930.D
1,2-Dibromoethane (EDB)	106-93-4	<1.79		1.79	11/30/2023 02:36	C23112930.D
Tetrachloroethene	127-18-4	<1.70		1.70	11/30/2023 02:36	C23112930.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.70		1.70	11/30/2023 02:36	C23112930.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 02:36	C23112930.D
Ethylbenzene	100-41-4	<2.05		2.05	11/30/2023 02:36	C23112930.D
p & m-Xylene	179601-23-1	<1.98		1.98	11/30/2023 02:36	C23112930.D
o-Xylene	95-47-6	<1.98		1.98	11/30/2023 02:36	C23112930.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 02:36	C23112930.D
Isopropylbenzene	98-82-8	<2.10		2.10	11/30/2023 02:36	C23112930.D
1,3,5-Trimethylbenzene	108-67-8	<2.10		2.10	11/30/2023 02:36	C23112930.D
1,2,4-Trimethylbenzene	95-63-6	<2.10		2.10	11/30/2023 02:36	C23112930.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 02:36	C23112930.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 02:36	C23112930.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 02:36	C23112930.D
1,2,4-Trichlorobenzene	120-82-1	<1.79		1.79	11/30/2023 02:36	C23112930.D
Naphthalene	91-20-3	<2.18		2.18	11/30/2023 02:36	C23112930.D
1,2,3-Trichlorobenzene	87-61-6	<1.79		1.79	11/30/2023 02:36	C23112930.D
2-Methylnaphthalene	91-57-6	<2.29		2.29	11/30/2023 02:36	C23112930.D
☉ TPH C5-C8		<591		591	11/30/2023 02:36	C23112930.D
☉ TPH C9-C15		<505		505	11/30/2023 02:36	C23112930.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	90.3%	70-130		11/30/2023 02:36	C23112930.D
Surrogate: Toluene-d8	2037-26-5	90.9%	70-130		11/30/2023 02:36	C23112930.D
Surrogate: Bromofluorobenzene	460-00-4	94.9%	70-130		11/30/2023 02:36	C23112930.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-26	06R_SG_26_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 03:05	C23112931.D
1,1-Dichloroethene	75-35-4	<2.12		2.12	11/30/2023 03:05	C23112931.D
Methylene Chloride	75-09-2	<2.00		2.00	11/30/2023 03:05	C23112931.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.79		0.79	11/30/2023 03:05	C23112931.D
trans-1,2-Dichloroethene	156-60-5	<1.59		1.59	11/30/2023 03:05	C23112931.D
Methyl-t-butyl ether	1634-04-4	<3.49		3.49	11/30/2023 03:05	C23112931.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 03:05	C23112931.D
cis-1,2-Dichloroethene	156-59-2	<1.32		1.32	11/30/2023 03:05	C23112931.D
Chloroform	67-66-3	<2.00		2.00	11/30/2023 03:05	C23112931.D
1,2-Dichloroethane	107-06-2	<1.25		1.25	11/30/2023 03:05	C23112931.D
1,1,1-Trichloroethane	71-55-6	<0.67		0.67	11/30/2023 03:05	C23112931.D
Carbon Tetrachloride	56-23-5	<1.62		1.62	11/30/2023 03:05	C23112931.D
Benzene	71-43-2	<3.30		3.30	11/30/2023 03:05	C23112931.D
Trichloroethene	79-01-6	<2.12		2.12	11/30/2023 03:05	C23112931.D
1,4-Dioxane	123-91-1	<1.70		1.70	11/30/2023 03:05	C23112931.D
1,1,2-Trichloroethane	79-00-5	<2.12		2.12	11/30/2023 03:05	C23112931.D
Toluene	108-88-3	<4.37		4.37	11/30/2023 03:05	C23112931.D
1,2-Dibromoethane (EDB)	106-93-4	<1.79		1.79	11/30/2023 03:05	C23112931.D
Tetrachloroethene	127-18-4	<1.70		1.70	11/30/2023 03:05	C23112931.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.70		1.70	11/30/2023 03:05	C23112931.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 03:05	C23112931.D
Ethylbenzene	100-41-4	<2.05		2.05	11/30/2023 03:05	C23112931.D
p & m-Xylene	179601-23-1	<1.98		1.98	11/30/2023 03:05	C23112931.D
o-Xylene	95-47-6	<1.98		1.98	11/30/2023 03:05	C23112931.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 03:05	C23112931.D
Isopropylbenzene	98-82-8	<2.10		2.10	11/30/2023 03:05	C23112931.D
1,3,5-Trimethylbenzene	108-67-8	<2.10		2.10	11/30/2023 03:05	C23112931.D
1,2,4-Trimethylbenzene	95-63-6	<2.10		2.10	11/30/2023 03:05	C23112931.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 03:05	C23112931.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 03:05	C23112931.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 03:05	C23112931.D
1,2,4-Trichlorobenzene	120-82-1	<1.79		1.79	11/30/2023 03:05	C23112931.D
Naphthalene	91-20-3	<2.18		2.18	11/30/2023 03:05	C23112931.D
1,2,3-Trichlorobenzene	87-61-6	<1.79		1.79	11/30/2023 03:05	C23112931.D
2-Methylnaphthalene	91-57-6	<2.30		2.30	11/30/2023 03:05	C23112931.D
☉ TPH C5-C8		<592		592	11/30/2023 03:05	C23112931.D
☉ TPH C9-C15		<506		506	11/30/2023 03:05	C23112931.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	89.8%	70-130		11/30/2023 03:05	C23112931.D
Surrogate: Toluene-d8	2037-26-5	92.5%	70-130		11/30/2023 03:05	C23112931.D
Surrogate: Bromofluorobenzene	460-00-4	95.8%	70-130		11/30/2023 03:05	C23112931.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-27	06R_SG_27_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 03:33	C23112932.D
1,1-Dichloroethene	75-35-4	<2.12		2.12	11/30/2023 03:33	C23112932.D
Methylene Chloride	75-09-2	<2.00		2.00	11/30/2023 03:33	C23112932.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.79		0.79	11/30/2023 03:33	C23112932.D
trans-1,2-Dichloroethene	156-60-5	<1.59		1.59	11/30/2023 03:33	C23112932.D
Methyl-t-butyl ether	1634-04-4	<3.50		3.50	11/30/2023 03:33	C23112932.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 03:33	C23112932.D
cis-1,2-Dichloroethene	156-59-2	<1.32		1.32	11/30/2023 03:33	C23112932.D
Chloroform	67-66-3	<2.00		2.00	11/30/2023 03:33	C23112932.D
1,2-Dichloroethane	107-06-2	<1.25		1.25	11/30/2023 03:33	C23112932.D
1,1,1-Trichloroethane	71-55-6	<0.67		0.67	11/30/2023 03:33	C23112932.D
Carbon Tetrachloride	56-23-5	<1.63		1.63	11/30/2023 03:33	C23112932.D
Benzene	71-43-2	<3.30		3.30	11/30/2023 03:33	C23112932.D
Trichloroethene	79-01-6	<2.12		2.12	11/30/2023 03:33	C23112932.D
1,4-Dioxane	123-91-1	<1.71		1.71	11/30/2023 03:33	C23112932.D
1,1,2-Trichloroethane	79-00-5	<2.12		2.12	11/30/2023 03:33	C23112932.D
Toluene	108-88-3	<4.37		4.37	11/30/2023 03:33	C23112932.D
1,2-Dibromoethane (EDB)	106-93-4	<1.79		1.79	11/30/2023 03:33	C23112932.D
Tetrachloroethene	127-18-4	<1.71		1.71	11/30/2023 03:33	C23112932.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.71		1.71	11/30/2023 03:33	C23112932.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 03:33	C23112932.D
Ethylbenzene	100-41-4	<2.06		2.06	11/30/2023 03:33	C23112932.D
p & m-Xylene	179601-23-1	<1.99		1.99	11/30/2023 03:33	C23112932.D
o-Xylene	95-47-6	<1.99		1.99	11/30/2023 03:33	C23112932.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 03:33	C23112932.D
Isopropylbenzene	98-82-8	<2.11		2.11	11/30/2023 03:33	C23112932.D
1,3,5-Trimethylbenzene	108-67-8	<2.11		2.11	11/30/2023 03:33	C23112932.D
1,2,4-Trimethylbenzene	95-63-6	<2.11		2.11	11/30/2023 03:33	C23112932.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 03:33	C23112932.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 03:33	C23112932.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 03:33	C23112932.D
1,2,4-Trichlorobenzene	120-82-1	<1.79		1.79	11/30/2023 03:33	C23112932.D
Naphthalene	91-20-3	<2.18		2.18	11/30/2023 03:33	C23112932.D
1,2,3-Trichlorobenzene	87-61-6	<1.79		1.79	11/30/2023 03:33	C23112932.D
2-Methylnaphthalene	91-57-6	<2.30		2.30	11/30/2023 03:33	C23112932.D
ε TPH C5-C8		<593		593	11/30/2023 03:33	C23112932.D
ε TPH C9-C15		<507		507	11/30/2023 03:33	C23112932.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	88.1%	70-130		11/30/2023 03:33	C23112932.D
Surrogate: Toluene-d8	2037-26-5	92.3%	70-130		11/30/2023 03:33	C23112932.D
Surrogate: Bromofluorobenzene	460-00-4	95.7%	70-130		11/30/2023 03:33	C23112932.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-28

06R_SG_28_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 04:00	C23112933.D
1,1-Dichloroethene	75-35-4	<2.12		2.12	11/30/2023 04:00	C23112933.D
Methylene Chloride	75-09-2	<2.00		2.00	11/30/2023 04:00	C23112933.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.79		0.79	11/30/2023 04:00	C23112933.D
trans-1,2-Dichloroethene	156-60-5	<1.59		1.59	11/30/2023 04:00	C23112933.D
Methyl-t-butyl ether	1634-04-4	<3.50		3.50	11/30/2023 04:00	C23112933.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 04:00	C23112933.D
cis-1,2-Dichloroethene	156-59-2	<1.32		1.32	11/30/2023 04:00	C23112933.D
Chloroform	67-66-3	<2.00		2.00	11/30/2023 04:00	C23112933.D
1,2-Dichloroethane	107-06-2	<1.25		1.25	11/30/2023 04:00	C23112933.D
1,1,1-Trichloroethane	71-55-6	<0.67		0.67	11/30/2023 04:00	C23112933.D
Carbon Tetrachloride	56-23-5	<1.63		1.63	11/30/2023 04:00	C23112933.D
Benzene	71-43-2	<3.30		3.30	11/30/2023 04:00	C23112933.D
Trichloroethene	79-01-6	<2.12		2.12	11/30/2023 04:00	C23112933.D
1,4-Dioxane	123-91-1	<1.71		1.71	11/30/2023 04:00	C23112933.D
1,1,2-Trichloroethane	79-00-5	<2.12		2.12	11/30/2023 04:00	C23112933.D
Toluene	108-88-3	<4.37		4.37	11/30/2023 04:00	C23112933.D
1,2-Dibromoethane (EDB)	106-93-4	<1.79		1.79	11/30/2023 04:00	C23112933.D
Tetrachloroethene	127-18-4	<1.71		1.71	11/30/2023 04:00	C23112933.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.71		1.71	11/30/2023 04:00	C23112933.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 04:00	C23112933.D
Ethylbenzene	100-41-4	<2.06		2.06	11/30/2023 04:00	C23112933.D
p & m-Xylene	179601-23-1	<1.99		1.99	11/30/2023 04:00	C23112933.D
o-Xylene	95-47-6	<1.99		1.99	11/30/2023 04:00	C23112933.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 04:00	C23112933.D
Isopropylbenzene	98-82-8	<2.11		2.11	11/30/2023 04:00	C23112933.D
1,3,5-Trimethylbenzene	108-67-8	<2.11		2.11	11/30/2023 04:00	C23112933.D
1,2,4-Trimethylbenzene	95-63-6	<2.11		2.11	11/30/2023 04:00	C23112933.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 04:00	C23112933.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 04:00	C23112933.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 04:00	C23112933.D
1,2,4-Trichlorobenzene	120-82-1	<1.79		1.79	11/30/2023 04:00	C23112933.D
Naphthalene	91-20-3	<2.19		2.19	11/30/2023 04:00	C23112933.D
1,2,3-Trichlorobenzene	87-61-6	<1.79		1.79	11/30/2023 04:00	C23112933.D
2-Methylnaphthalene	91-57-6	<2.30		2.30	11/30/2023 04:00	C23112933.D
ε TPH C5-C8		<593		593	11/30/2023 04:00	C23112933.D
ε TPH C9-C15		<507		507	11/30/2023 04:00	C23112933.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	91.4%	70-130		11/30/2023 04:00	C23112933.D
Surrogate: Toluene-d8	2037-26-5	91.6%	70-130		11/30/2023 04:00	C23112933.D
Surrogate: Bromofluorobenzene	460-00-4	97.6%	70-130		11/30/2023 04:00	C23112933.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-29	06R_SG_29_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.87		0.87	11/30/2023 04:28	C23112934.D
1,1-Dichloroethene	75-35-4	<2.13		2.13	11/30/2023 04:28	C23112934.D
Methylene Chloride	75-09-2	<2.00		2.00	11/30/2023 04:28	C23112934.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.79		0.79	11/30/2023 04:28	C23112934.D
trans-1,2-Dichloroethene	156-60-5	<1.59		1.59	11/30/2023 04:28	C23112934.D
Methyl-t-butyl ether	1634-04-4	<3.51		3.51	11/30/2023 04:28	C23112934.D
1,1-Dichloroethane	75-34-3	<0.83		0.83	11/30/2023 04:28	C23112934.D
cis-1,2-Dichloroethene	156-59-2	<1.32		1.32	11/30/2023 04:28	C23112934.D
Chloroform	67-66-3	<2.00		2.00	11/30/2023 04:28	C23112934.D
1,2-Dichloroethane	107-06-2	<1.25		1.25	11/30/2023 04:28	C23112934.D
1,1,1-Trichloroethane	71-55-6	<0.67		0.67	11/30/2023 04:28	C23112934.D
Carbon Tetrachloride	56-23-5	<1.63		1.63	11/30/2023 04:28	C23112934.D
Benzene	71-43-2	<3.31		3.31	11/30/2023 04:28	C23112934.D
Trichloroethene	79-01-6	<2.13		2.13	11/30/2023 04:28	C23112934.D
1,4-Dioxane	123-91-1	<1.71		1.71	11/30/2023 04:28	C23112934.D
1,1,2-Trichloroethane	79-00-5	<2.13		2.13	11/30/2023 04:28	C23112934.D
Toluene	108-88-3	<4.38		4.38	11/30/2023 04:28	C23112934.D
1,2-Dibromoethane (EDB)	106-93-4	<1.80		1.80	11/30/2023 04:28	C23112934.D
Tetrachloroethene	127-18-4	<1.71		1.71	11/30/2023 04:28	C23112934.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.71		1.71	11/30/2023 04:28	C23112934.D
Chlorobenzene	108-90-7	<0.83		0.83	11/30/2023 04:28	C23112934.D
Ethylbenzene	100-41-4	<2.06		2.06	11/30/2023 04:28	C23112934.D
p & m-Xylene	179601-23-1	<1.99		1.99	11/30/2023 04:28	C23112934.D
o-Xylene	95-47-6	<1.99		1.99	11/30/2023 04:28	C23112934.D
1,2,3-Trichloropropane	96-18-4	<0.94		0.94	11/30/2023 04:28	C23112934.D
Isopropylbenzene	98-82-8	<2.11		2.11	11/30/2023 04:28	C23112934.D
1,3,5-Trimethylbenzene	108-67-8	<2.11		2.11	11/30/2023 04:28	C23112934.D
1,2,4-Trimethylbenzene	95-63-6	<2.11		2.11	11/30/2023 04:28	C23112934.D
1,3-Dichlorobenzene	541-73-1	<0.94		0.94	11/30/2023 04:28	C23112934.D
1,4-Dichlorobenzene	106-46-7	<0.94		0.94	11/30/2023 04:28	C23112934.D
1,2-Dichlorobenzene	95-50-1	<0.94		0.94	11/30/2023 04:28	C23112934.D
1,2,4-Trichlorobenzene	120-82-1	<1.80		1.80	11/30/2023 04:28	C23112934.D
Naphthalene	91-20-3	<2.19		2.19	11/30/2023 04:28	C23112934.D
1,2,3-Trichlorobenzene	87-61-6	<1.80		1.80	11/30/2023 04:28	C23112934.D
2-Methylnaphthalene	91-57-6	<2.31		2.31	11/30/2023 04:28	C23112934.D
☉ TPH C5-C8		<594		594	11/30/2023 04:28	C23112934.D
☉ TPH C9-C15		<508		508	11/30/2023 04:28	C23112934.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	91.4%	70-130		11/30/2023 04:28	C23112934.D
Surrogate: Toluene-d8	2037-26-5	94.1%	70-130		11/30/2023 04:28	C23112934.D
Surrogate: Bromofluorobenzene	460-00-4	92.8%	70-130		11/30/2023 04:28	C23112934.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-30

06R_SG_30_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.87		0.87	11/30/2023 04:56	C23112935.D
1,1-Dichloroethene	75-35-4	<2.13		2.13	11/30/2023 04:56	C23112935.D
Methylene Chloride	75-09-2	<2.01		2.01	11/30/2023 04:56	C23112935.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.79		0.79	11/30/2023 04:56	C23112935.D
trans-1,2-Dichloroethene	156-60-5	<1.60		1.60	11/30/2023 04:56	C23112935.D
Methyl-t-butyl ether	1634-04-4	<3.51		3.51	11/30/2023 04:56	C23112935.D
1,1-Dichloroethane	75-34-3	<0.83		0.83	11/30/2023 04:56	C23112935.D
cis-1,2-Dichloroethene	156-59-2	<1.32		1.32	11/30/2023 04:56	C23112935.D
Chloroform	67-66-3	<2.01		2.01	11/30/2023 04:56	C23112935.D
1,2-Dichloroethane	107-06-2	<1.25		1.25	11/30/2023 04:56	C23112935.D
1,1,1-Trichloroethane	71-55-6	<0.67		0.67	11/30/2023 04:56	C23112935.D
Carbon Tetrachloride	56-23-5	<1.63		1.63	11/30/2023 04:56	C23112935.D
Benzene	71-43-2	<3.31		3.31	11/30/2023 04:56	C23112935.D
Trichloroethene	79-01-6	<2.13		2.13	11/30/2023 04:56	C23112935.D
1,4-Dioxane	123-91-1	<1.71		1.71	11/30/2023 04:56	C23112935.D
1,1,2-Trichloroethane	79-00-5	<2.13		2.13	11/30/2023 04:56	C23112935.D
Toluene	108-88-3	<4.39		4.39	11/30/2023 04:56	C23112935.D
1,2-Dibromoethane (EDB)	106-93-4	<1.80		1.80	11/30/2023 04:56	C23112935.D
Tetrachloroethene	127-18-4	<1.71		1.71	11/30/2023 04:56	C23112935.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.71		1.71	11/30/2023 04:56	C23112935.D
Chlorobenzene	108-90-7	<0.83		0.83	11/30/2023 04:56	C23112935.D
Ethylbenzene	100-41-4	<2.06		2.06	11/30/2023 04:56	C23112935.D
p & m-Xylene	179601-23-1	<1.99		1.99	11/30/2023 04:56	C23112935.D
o-Xylene	95-47-6	<1.99		1.99	11/30/2023 04:56	C23112935.D
1,2,3-Trichloropropane	96-18-4	<0.94		0.94	11/30/2023 04:56	C23112935.D
Isopropylbenzene	98-82-8	<2.11		2.11	11/30/2023 04:56	C23112935.D
1,3,5-Trimethylbenzene	108-67-8	<2.11		2.11	11/30/2023 04:56	C23112935.D
1,2,4-Trimethylbenzene	95-63-6	<2.11		2.11	11/30/2023 04:56	C23112935.D
1,3-Dichlorobenzene	541-73-1	<0.94		0.94	11/30/2023 04:56	C23112935.D
1,4-Dichlorobenzene	106-46-7	<0.94		0.94	11/30/2023 04:56	C23112935.D
1,2-Dichlorobenzene	95-50-1	<0.94		0.94	11/30/2023 04:56	C23112935.D
1,2,4-Trichlorobenzene	120-82-1	<1.80		1.80	11/30/2023 04:56	C23112935.D
Naphthalene	91-20-3	<2.19		2.19	11/30/2023 04:56	C23112935.D
1,2,3-Trichlorobenzene	87-61-6	<1.80		1.80	11/30/2023 04:56	C23112935.D
2-Methylnaphthalene	91-57-6	<2.31		2.31	11/30/2023 04:56	C23112935.D
☉ TPH C5-C8		<595		595	11/30/2023 04:56	C23112935.D
☉ TPH C9-C15		<509		509	11/30/2023 04:56	C23112935.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	87.3%	70-130		11/30/2023 04:56	C23112935.D
Surrogate: Toluene-d8	2037-26-5	93.2%	70-130		11/30/2023 04:56	C23112935.D
Surrogate: Bromofluorobenzene	460-00-4	94.1%	70-130		11/30/2023 04:56	C23112935.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-31

06R_SG_31_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.87		0.87	11/30/2023 05:25	C23112936.D
1,1-Dichloroethene	75-35-4	<2.12		2.12	11/30/2023 05:25	C23112936.D
Methylene Chloride	75-09-2	<2.00		2.00	11/30/2023 05:25	C23112936.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.79		0.79	11/30/2023 05:25	C23112936.D
trans-1,2-Dichloroethene	156-60-5	<1.59		1.59	11/30/2023 05:25	C23112936.D
Methyl-t-butyl ether	1634-04-4	<3.50		3.50	11/30/2023 05:25	C23112936.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 05:25	C23112936.D
cis-1,2-Dichloroethene	156-59-2	<1.32		1.32	11/30/2023 05:25	C23112936.D
Chloroform	67-66-3	<2.00		2.00	11/30/2023 05:25	C23112936.D
1,2-Dichloroethane	107-06-2	<1.25		1.25	11/30/2023 05:25	C23112936.D
1,1,1-Trichloroethane	71-55-6	<0.67		0.67	11/30/2023 05:25	C23112936.D
Carbon Tetrachloride	56-23-5	<1.63		1.63	11/30/2023 05:25	C23112936.D
Benzene	71-43-2	<3.31		3.31	11/30/2023 05:25	C23112936.D
Trichloroethene	79-01-6	<2.12		2.12	11/30/2023 05:25	C23112936.D
1,4-Dioxane	123-91-1	<1.71		1.71	11/30/2023 05:25	C23112936.D
1,1,2-Trichloroethane	79-00-5	<2.12		2.12	11/30/2023 05:25	C23112936.D
Toluene	108-88-3	<4.38		4.38	11/30/2023 05:25	C23112936.D
1,2-Dibromoethane (EDB)	106-93-4	<1.80		1.80	11/30/2023 05:25	C23112936.D
Tetrachloroethene	127-18-4	<1.71		1.71	11/30/2023 05:25	C23112936.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.71		1.71	11/30/2023 05:25	C23112936.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 05:25	C23112936.D
Ethylbenzene	100-41-4	<2.06		2.06	11/30/2023 05:25	C23112936.D
p & m-Xylene	179601-23-1	<1.99		1.99	11/30/2023 05:25	C23112936.D
o-Xylene	95-47-6	<1.99		1.99	11/30/2023 05:25	C23112936.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 05:25	C23112936.D
Isopropylbenzene	98-82-8	<2.11		2.11	11/30/2023 05:25	C23112936.D
1,3,5-Trimethylbenzene	108-67-8	<2.11		2.11	11/30/2023 05:25	C23112936.D
1,2,4-Trimethylbenzene	95-63-6	<2.11		2.11	11/30/2023 05:25	C23112936.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 05:25	C23112936.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 05:25	C23112936.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 05:25	C23112936.D
1,2,4-Trichlorobenzene	120-82-1	<1.80		1.80	11/30/2023 05:25	C23112936.D
Naphthalene	91-20-3	<2.19		2.19	11/30/2023 05:25	C23112936.D
1,2,3-Trichlorobenzene	87-61-6	<1.80		1.80	11/30/2023 05:25	C23112936.D
2-Methylnaphthalene	91-57-6	<2.31		2.31	11/30/2023 05:25	C23112936.D
☉ TPH C5-C8		<594		594	11/30/2023 05:25	C23112936.D
☉ TPH C9-C15		<508		508	11/30/2023 05:25	C23112936.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	93.3%	70-130		11/30/2023 05:25	C23112936.D
Surrogate: Toluene-d8	2037-26-5	91.0%	70-130		11/30/2023 05:25	C23112936.D
Surrogate: Bromofluorobenzene	460-00-4	94.5%	70-130		11/30/2023 05:25	C23112936.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-32

06R_SG_32_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 05:52	C23112937.D
1,1-Dichloroethene	75-35-4	<2.11		2.11	11/30/2023 05:52	C23112937.D
Methylene Chloride	75-09-2	<1.99		1.99	11/30/2023 05:52	C23112937.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/30/2023 05:52	C23112937.D
trans-1,2-Dichloroethene	156-60-5	<1.58		1.58	11/30/2023 05:52	C23112937.D
Methyl-t-butyl ether	1634-04-4	<3.48		3.48	11/30/2023 05:52	C23112937.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 05:52	C23112937.D
cis-1,2-Dichloroethene	156-59-2	<1.31		1.31	11/30/2023 05:52	C23112937.D
Chloroform	67-66-3	<1.99		1.99	11/30/2023 05:52	C23112937.D
1,2-Dichloroethane	107-06-2	<1.24		1.24	11/30/2023 05:52	C23112937.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/30/2023 05:52	C23112937.D
Carbon Tetrachloride	56-23-5	<1.62		1.62	11/30/2023 05:52	C23112937.D
Benzene	71-43-2	<3.29		3.29	11/30/2023 05:52	C23112937.D
Trichloroethene	79-01-6	<2.11		2.11	11/30/2023 05:52	C23112937.D
1,4-Dioxane	123-91-1	<1.70		1.70	11/30/2023 05:52	C23112937.D
1,1,2-Trichloroethane	79-00-5	<2.11		2.11	11/30/2023 05:52	C23112937.D
Toluene	108-88-3	<4.36		4.36	11/30/2023 05:52	C23112937.D
1,2-Dibromoethane (EDB)	106-93-4	<1.79		1.79	11/30/2023 05:52	C23112937.D
Tetrachloroethene	127-18-4	<1.70		1.70	11/30/2023 05:52	C23112937.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.70		1.70	11/30/2023 05:52	C23112937.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 05:52	C23112937.D
Ethylbenzene	100-41-4	<2.05		2.05	11/30/2023 05:52	C23112937.D
p & m-Xylene	179601-23-1	<1.98		1.98	11/30/2023 05:52	C23112937.D
o-Xylene	95-47-6	<1.98		1.98	11/30/2023 05:52	C23112937.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 05:52	C23112937.D
Isopropylbenzene	98-82-8	<2.10		2.10	11/30/2023 05:52	C23112937.D
1,3,5-Trimethylbenzene	108-67-8	<2.10		2.10	11/30/2023 05:52	C23112937.D
1,2,4-Trimethylbenzene	95-63-6	<2.10		2.10	11/30/2023 05:52	C23112937.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 05:52	C23112937.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 05:52	C23112937.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 05:52	C23112937.D
1,2,4-Trichlorobenzene	120-82-1	<1.79		1.79	11/30/2023 05:52	C23112937.D
Naphthalene	91-20-3	<2.18		2.18	11/30/2023 05:52	C23112937.D
1,2,3-Trichlorobenzene	87-61-6	<1.79		1.79	11/30/2023 05:52	C23112937.D
2-Methylnaphthalene	91-57-6	<2.29		2.29	11/30/2023 05:52	C23112937.D
☉ TPH C5-C8		<591		591	11/30/2023 05:52	C23112937.D
☉ TPH C9-C15		<505		505	11/30/2023 05:52	C23112937.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	91.2%	70-130		11/30/2023 05:52	C23112937.D
Surrogate: Toluene-d8	2037-26-5	92.5%	70-130		11/30/2023 05:52	C23112937.D
Surrogate: Bromofluorobenzene	460-00-4	91.9%	70-130		11/30/2023 05:52	C23112937.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-33	06R_SG_33_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 06:20	C23112938.D
1,1-Dichloroethene	75-35-4	<2.11		2.11	11/30/2023 06:20	C23112938.D
Methylene Chloride	75-09-2	<1.99		1.99	11/30/2023 06:20	C23112938.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/30/2023 06:20	C23112938.D
trans-1,2-Dichloroethene	156-60-5	<1.58		1.58	11/30/2023 06:20	C23112938.D
Methyl-t-butyl ether	1634-04-4	<3.48		3.48	11/30/2023 06:20	C23112938.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 06:20	C23112938.D
cis-1,2-Dichloroethene	156-59-2	<1.31		1.31	11/30/2023 06:20	C23112938.D
Chloroform	67-66-3	<1.99		1.99	11/30/2023 06:20	C23112938.D
1,2-Dichloroethane	107-06-2	<1.24		1.24	11/30/2023 06:20	C23112938.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/30/2023 06:20	C23112938.D
Carbon Tetrachloride	56-23-5	<1.62		1.62	11/30/2023 06:20	C23112938.D
Benzene	71-43-2	<3.29		3.29	11/30/2023 06:20	C23112938.D
Trichloroethene	79-01-6	<2.11		2.11	11/30/2023 06:20	C23112938.D
1,4-Dioxane	123-91-1	<1.70		1.70	11/30/2023 06:20	C23112938.D
1,1,2-Trichloroethane	79-00-5	<2.11		2.11	11/30/2023 06:20	C23112938.D
Toluene	108-88-3	<4.36		4.36	11/30/2023 06:20	C23112938.D
1,2-Dibromoethane (EDB)	106-93-4	<1.79		1.79	11/30/2023 06:20	C23112938.D
Tetrachloroethene	127-18-4	<1.70		1.70	11/30/2023 06:20	C23112938.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.70		1.70	11/30/2023 06:20	C23112938.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 06:20	C23112938.D
Ethylbenzene	100-41-4	<2.05		2.05	11/30/2023 06:20	C23112938.D
p & m-Xylene	179601-23-1	<1.98		1.98	11/30/2023 06:20	C23112938.D
o-Xylene	95-47-6	<1.98		1.98	11/30/2023 06:20	C23112938.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 06:20	C23112938.D
Isopropylbenzene	98-82-8	<2.10		2.10	11/30/2023 06:20	C23112938.D
1,3,5-Trimethylbenzene	108-67-8	<2.10		2.10	11/30/2023 06:20	C23112938.D
1,2,4-Trimethylbenzene	95-63-6	<2.10		2.10	11/30/2023 06:20	C23112938.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 06:20	C23112938.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 06:20	C23112938.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 06:20	C23112938.D
1,2,4-Trichlorobenzene	120-82-1	<1.79		1.79	11/30/2023 06:20	C23112938.D
Naphthalene	91-20-3	<2.18		2.18	11/30/2023 06:20	C23112938.D
1,2,3-Trichlorobenzene	87-61-6	<1.79		1.79	11/30/2023 06:20	C23112938.D
2-Methylnaphthalene	91-57-6	<2.29		2.29	11/30/2023 06:20	C23112938.D
☉ TPH C5-C8		<591		591	11/30/2023 06:20	C23112938.D
☉ TPH C9-C15		<505		505	11/30/2023 06:20	C23112938.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	92.5%	70-130		11/30/2023 06:20	C23112938.D
Surrogate: Toluene-d8	2037-26-5	90.4%	70-130		11/30/2023 06:20	C23112938.D
Surrogate: Bromofluorobenzene	460-00-4	94.7%	70-130		11/30/2023 06:20	C23112938.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-34	06R_SG_34_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 06:48	C23112939.D
1,1-Dichloroethene	75-35-4	<2.11		2.11	11/30/2023 06:48	C23112939.D
Methylene Chloride	75-09-2	<1.99		1.99	11/30/2023 06:48	C23112939.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/30/2023 06:48	C23112939.D
trans-1,2-Dichloroethene	156-60-5	<1.58		1.58	11/30/2023 06:48	C23112939.D
Methyl-t-butyl ether	1634-04-4	<3.49		3.49	11/30/2023 06:48	C23112939.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 06:48	C23112939.D
cis-1,2-Dichloroethene	156-59-2	<1.32		1.32	11/30/2023 06:48	C23112939.D
Chloroform	67-66-3	<1.99		1.99	11/30/2023 06:48	C23112939.D
1,2-Dichloroethane	107-06-2	<1.25		1.25	11/30/2023 06:48	C23112939.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/30/2023 06:48	C23112939.D
Carbon Tetrachloride	56-23-5	<1.62		1.62	11/30/2023 06:48	C23112939.D
Benzene	71-43-2	<3.29		3.29	11/30/2023 06:48	C23112939.D
Trichloroethene	79-01-6	<2.11		2.11	11/30/2023 06:48	C23112939.D
1,4-Dioxane	123-91-1	<1.70		1.70	11/30/2023 06:48	C23112939.D
1,1,2-Trichloroethane	79-00-5	<2.11		2.11	11/30/2023 06:48	C23112939.D
Toluene	108-88-3	<4.36		4.36	11/30/2023 06:48	C23112939.D
1,2-Dibromoethane (EDB)	106-93-4	<1.79		1.79	11/30/2023 06:48	C23112939.D
Tetrachloroethene	127-18-4	<1.70		1.70	11/30/2023 06:48	C23112939.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.70		1.70	11/30/2023 06:48	C23112939.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 06:48	C23112939.D
Ethylbenzene	100-41-4	<2.05		2.05	11/30/2023 06:48	C23112939.D
p & m-Xylene	179601-23-1	<1.98		1.98	11/30/2023 06:48	C23112939.D
o-Xylene	95-47-6	<1.98		1.98	11/30/2023 06:48	C23112939.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 06:48	C23112939.D
Isopropylbenzene	98-82-8	<2.10		2.10	11/30/2023 06:48	C23112939.D
1,3,5-Trimethylbenzene	108-67-8	<2.10		2.10	11/30/2023 06:48	C23112939.D
1,2,4-Trimethylbenzene	95-63-6	<2.10		2.10	11/30/2023 06:48	C23112939.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 06:48	C23112939.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 06:48	C23112939.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 06:48	C23112939.D
1,2,4-Trichlorobenzene	120-82-1	<1.79		1.79	11/30/2023 06:48	C23112939.D
Naphthalene	91-20-3	<2.18		2.18	11/30/2023 06:48	C23112939.D
1,2,3-Trichlorobenzene	87-61-6	<1.79		1.79	11/30/2023 06:48	C23112939.D
2-Methylnaphthalene	91-57-6	<2.29		2.29	11/30/2023 06:48	C23112939.D
☉ TPH C5-C8		<591		591	11/30/2023 06:48	C23112939.D
☉ TPH C9-C15		<505		505	11/30/2023 06:48	C23112939.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	87.5%	70-130		11/30/2023 06:48	C23112939.D
Surrogate: Toluene-d8	2037-26-5	90.9%	70-130		11/30/2023 06:48	C23112939.D
Surrogate: Bromofluorobenzene	460-00-4	94.2%	70-130		11/30/2023 06:48	C23112939.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-35	06R_SG_35_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 07:16	C23112940.D
1,1-Dichloroethene	75-35-4	<2.11		2.11	11/30/2023 07:16	C23112940.D
Methylene Chloride	75-09-2	<1.99		1.99	11/30/2023 07:16	C23112940.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/30/2023 07:16	C23112940.D
trans-1,2-Dichloroethene	156-60-5	<1.58		1.58	11/30/2023 07:16	C23112940.D
Methyl-t-butyl ether	1634-04-4	<3.49		3.49	11/30/2023 07:16	C23112940.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 07:16	C23112940.D
cis-1,2-Dichloroethene	156-59-2	<1.32		1.32	11/30/2023 07:16	C23112940.D
Chloroform	67-66-3	<1.99		1.99	11/30/2023 07:16	C23112940.D
1,2-Dichloroethane	107-06-2	<1.25		1.25	11/30/2023 07:16	C23112940.D
1,1,1-Trichloroethane	71-55-6	<0.66		0.66	11/30/2023 07:16	C23112940.D
Carbon Tetrachloride	56-23-5	<1.62		1.62	11/30/2023 07:16	C23112940.D
Benzene	71-43-2	<3.29		3.29	11/30/2023 07:16	C23112940.D
Trichloroethene	79-01-6	<2.11		2.11	11/30/2023 07:16	C23112940.D
1,4-Dioxane	123-91-1	<1.70		1.70	11/30/2023 07:16	C23112940.D
1,1,2-Trichloroethane	79-00-5	<2.11		2.11	11/30/2023 07:16	C23112940.D
Toluene	108-88-3	<4.36		4.36	11/30/2023 07:16	C23112940.D
1,2-Dibromoethane (EDB)	106-93-4	<1.79		1.79	11/30/2023 07:16	C23112940.D
Tetrachloroethene	127-18-4	<1.70		1.70	11/30/2023 07:16	C23112940.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.70		1.70	11/30/2023 07:16	C23112940.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 07:16	C23112940.D
Ethylbenzene	100-41-4	<2.05		2.05	11/30/2023 07:16	C23112940.D
p & m-Xylene	179601-23-1	<1.98		1.98	11/30/2023 07:16	C23112940.D
o-Xylene	95-47-6	<1.98		1.98	11/30/2023 07:16	C23112940.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 07:16	C23112940.D
Isopropylbenzene	98-82-8	<2.10		2.10	11/30/2023 07:16	C23112940.D
1,3,5-Trimethylbenzene	108-67-8	<2.10		2.10	11/30/2023 07:16	C23112940.D
1,2,4-Trimethylbenzene	95-63-6	<2.10		2.10	11/30/2023 07:16	C23112940.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 07:16	C23112940.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 07:16	C23112940.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 07:16	C23112940.D
1,2,4-Trichlorobenzene	120-82-1	<1.79		1.79	11/30/2023 07:16	C23112940.D
Naphthalene	91-20-3	<2.18		2.18	11/30/2023 07:16	C23112940.D
1,2,3-Trichlorobenzene	87-61-6	<1.79		1.79	11/30/2023 07:16	C23112940.D
2-Methylnaphthalene	91-57-6	<2.29		2.29	11/30/2023 07:16	C23112940.D
☉ TPH C5-C8		<591		591	11/30/2023 07:16	C23112940.D
☉ TPH C9-C15		<505		505	11/30/2023 07:16	C23112940.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	97.7%	70-130		11/30/2023 07:16	C23112940.D
Surrogate: Toluene-d8	2037-26-5	92.8%	70-130		11/30/2023 07:16	C23112940.D
Surrogate: Bromofluorobenzene	460-00-4	97.5%	70-130		11/30/2023 07:16	C23112940.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-36

06R_SG_36_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 07:45	C23112941.D
1,1-Dichloroethene	75-35-4	<2.12		2.12	11/30/2023 07:45	C23112941.D
Methylene Chloride	75-09-2	<2.00		2.00	11/30/2023 07:45	C23112941.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.78		0.78	11/30/2023 07:45	C23112941.D
trans-1,2-Dichloroethene	156-60-5	<1.59		1.59	11/30/2023 07:45	C23112941.D
Methyl-t-butyl ether	1634-04-4	<3.49		3.49	11/30/2023 07:45	C23112941.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 07:45	C23112941.D
cis-1,2-Dichloroethene	156-59-2	<1.32		1.32	11/30/2023 07:45	C23112941.D
Chloroform	67-66-3	<2.00		2.00	11/30/2023 07:45	C23112941.D
1,2-Dichloroethane	107-06-2	<1.25		1.25	11/30/2023 07:45	C23112941.D
1,1,1-Trichloroethane	71-55-6	<0.67		0.67	11/30/2023 07:45	C23112941.D
Carbon Tetrachloride	56-23-5	<1.62		1.62	11/30/2023 07:45	C23112941.D
Benzene	71-43-2	3.84		3.29	11/30/2023 07:45	C23112941.D
Trichloroethene	79-01-6	<2.12		2.12	11/30/2023 07:45	C23112941.D
1,4-Dioxane	123-91-1	<1.70		1.70	11/30/2023 07:45	C23112941.D
1,1,2-Trichloroethane	79-00-5	<2.12		2.12	11/30/2023 07:45	C23112941.D
Toluene	108-88-3	<4.36		4.36	11/30/2023 07:45	C23112941.D
1,2-Dibromoethane (EDB)	106-93-4	<1.79		1.79	11/30/2023 07:45	C23112941.D
Tetrachloroethene	127-18-4	<1.70		1.70	11/30/2023 07:45	C23112941.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.70		1.70	11/30/2023 07:45	C23112941.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 07:45	C23112941.D
Ethylbenzene	100-41-4	<2.05		2.05	11/30/2023 07:45	C23112941.D
p & m-Xylene	179601-23-1	<1.98		1.98	11/30/2023 07:45	C23112941.D
o-Xylene	95-47-6	<1.98		1.98	11/30/2023 07:45	C23112941.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 07:45	C23112941.D
Isopropylbenzene	98-82-8	<2.10		2.10	11/30/2023 07:45	C23112941.D
1,3,5-Trimethylbenzene	108-67-8	<2.10		2.10	11/30/2023 07:45	C23112941.D
1,2,4-Trimethylbenzene	95-63-6	<2.10		2.10	11/30/2023 07:45	C23112941.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 07:45	C23112941.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 07:45	C23112941.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 07:45	C23112941.D
1,2,4-Trichlorobenzene	120-82-1	<1.79		1.79	11/30/2023 07:45	C23112941.D
Naphthalene	91-20-3	<2.18		2.18	11/30/2023 07:45	C23112941.D
1,2,3-Trichlorobenzene	87-61-6	<1.79		1.79	11/30/2023 07:45	C23112941.D
2-Methylnaphthalene	91-57-6	<2.30		2.30	11/30/2023 07:45	C23112941.D
☉ TPH C5-C8		<592		592	11/30/2023 07:45	C23112941.D
☉ TPH C9-C15		<506		506	11/30/2023 07:45	C23112941.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	90.7%	70-130		11/30/2023 07:45	C23112941.D
Surrogate: Toluene-d8	2037-26-5	94.6%	70-130		11/30/2023 07:45	C23112941.D
Surrogate: Bromofluorobenzene	460-00-4	101%	70-130		11/30/2023 07:45	C23112941.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Lab Sample ID: 0007323-37	06R_SG_37_20231120	Method: EPA 8260C
Soil Gas		

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 08:13	C23112942.D
1,1-Dichloroethene	75-35-4	<2.12		2.12	11/30/2023 08:13	C23112942.D
Methylene Chloride	75-09-2	<2.00		2.00	11/30/2023 08:13	C23112942.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.79		0.79	11/30/2023 08:13	C23112942.D
trans-1,2-Dichloroethene	156-60-5	<1.59		1.59	11/30/2023 08:13	C23112942.D
Methyl-t-butyl ether	1634-04-4	<3.49		3.49	11/30/2023 08:13	C23112942.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 08:13	C23112942.D
cis-1,2-Dichloroethene	156-59-2	<1.32		1.32	11/30/2023 08:13	C23112942.D
Chloroform	67-66-3	<2.00		2.00	11/30/2023 08:13	C23112942.D
1,2-Dichloroethane	107-06-2	<1.25		1.25	11/30/2023 08:13	C23112942.D
1,1,1-Trichloroethane	71-55-6	<0.67		0.67	11/30/2023 08:13	C23112942.D
Carbon Tetrachloride	56-23-5	<1.63		1.63	11/30/2023 08:13	C23112942.D
Benzene	71-43-2	3.81		3.30	11/30/2023 08:13	C23112942.D
Trichloroethene	79-01-6	<2.12		2.12	11/30/2023 08:13	C23112942.D
1,4-Dioxane	123-91-1	<1.70		1.70	11/30/2023 08:13	C23112942.D
1,1,2-Trichloroethane	79-00-5	<2.12		2.12	11/30/2023 08:13	C23112942.D
Toluene	108-88-3	<4.37		4.37	11/30/2023 08:13	C23112942.D
1,2-Dibromoethane (EDB)	106-93-4	<1.79		1.79	11/30/2023 08:13	C23112942.D
Tetrachloroethene	127-18-4	<1.70		1.70	11/30/2023 08:13	C23112942.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.70		1.70	11/30/2023 08:13	C23112942.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 08:13	C23112942.D
Ethylbenzene	100-41-4	<2.06		2.06	11/30/2023 08:13	C23112942.D
p & m-Xylene	179601-23-1	<1.99		1.99	11/30/2023 08:13	C23112942.D
o-Xylene	95-47-6	<1.99		1.99	11/30/2023 08:13	C23112942.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 08:13	C23112942.D
Isopropylbenzene	98-82-8	<2.10		2.10	11/30/2023 08:13	C23112942.D
1,3,5-Trimethylbenzene	108-67-8	<2.10		2.10	11/30/2023 08:13	C23112942.D
1,2,4-Trimethylbenzene	95-63-6	<2.10		2.10	11/30/2023 08:13	C23112942.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 08:13	C23112942.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 08:13	C23112942.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 08:13	C23112942.D
1,2,4-Trichlorobenzene	120-82-1	<1.79		1.79	11/30/2023 08:13	C23112942.D
Naphthalene	91-20-3	<2.18		2.18	11/30/2023 08:13	C23112942.D
1,2,3-Trichlorobenzene	87-61-6	<1.79		1.79	11/30/2023 08:13	C23112942.D
2-Methylnaphthalene	91-57-6	<2.30		2.30	11/30/2023 08:13	C23112942.D
☉ TPH C5-C8		<592		592	11/30/2023 08:13	C23112942.D
☉ TPH C9-C15		<506		506	11/30/2023 08:13	C23112942.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	90.9%	70-130		11/30/2023 08:13	C23112942.D
Surrogate: Toluene-d8	2037-26-5	92.3%	70-130		11/30/2023 08:13	C23112942.D
Surrogate: Bromofluorobenzene	460-00-4	96.3%	70-130		11/30/2023 08:13	C23112942.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-38

06R_SG_38_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 08:40	C23112943.D
1,1-Dichloroethene	75-35-4	<2.12		2.12	11/30/2023 08:40	C23112943.D
Methylene Chloride	75-09-2	<2.00		2.00	11/30/2023 08:40	C23112943.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.79		0.79	11/30/2023 08:40	C23112943.D
trans-1,2-Dichloroethene	156-60-5	<1.59		1.59	11/30/2023 08:40	C23112943.D
Methyl-t-butyl ether	1634-04-4	<3.50		3.50	11/30/2023 08:40	C23112943.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 08:40	C23112943.D
cis-1,2-Dichloroethene	156-59-2	<1.32		1.32	11/30/2023 08:40	C23112943.D
Chloroform	67-66-3	<2.00		2.00	11/30/2023 08:40	C23112943.D
1,2-Dichloroethane	107-06-2	<1.25		1.25	11/30/2023 08:40	C23112943.D
1,1,1-Trichloroethane	71-55-6	<0.67		0.67	11/30/2023 08:40	C23112943.D
Carbon Tetrachloride	56-23-5	<1.63		1.63	11/30/2023 08:40	C23112943.D
Benzene	71-43-2	4.56		3.30	11/30/2023 08:40	C23112943.D
Trichloroethene	79-01-6	<2.12		2.12	11/30/2023 08:40	C23112943.D
1,4-Dioxane	123-91-1	<1.71		1.71	11/30/2023 08:40	C23112943.D
1,1,2-Trichloroethane	79-00-5	<2.12		2.12	11/30/2023 08:40	C23112943.D
Toluene	108-88-3	<4.37		4.37	11/30/2023 08:40	C23112943.D
1,2-Dibromoethane (EDB)	106-93-4	<1.79		1.79	11/30/2023 08:40	C23112943.D
Tetrachloroethene	127-18-4	20.8		1.71	11/30/2023 08:40	C23112943.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.71		1.71	11/30/2023 08:40	C23112943.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 08:40	C23112943.D
Ethylbenzene	100-41-4	<2.06		2.06	11/30/2023 08:40	C23112943.D
p & m-Xylene	179601-23-1	<1.99		1.99	11/30/2023 08:40	C23112943.D
o-Xylene	95-47-6	<1.99		1.99	11/30/2023 08:40	C23112943.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 08:40	C23112943.D
Isopropylbenzene	98-82-8	<2.11		2.11	11/30/2023 08:40	C23112943.D
1,3,5-Trimethylbenzene	108-67-8	<2.11		2.11	11/30/2023 08:40	C23112943.D
1,2,4-Trimethylbenzene	95-63-6	<2.11		2.11	11/30/2023 08:40	C23112943.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 08:40	C23112943.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 08:40	C23112943.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 08:40	C23112943.D
1,2,4-Trichlorobenzene	120-82-1	<1.79		1.79	11/30/2023 08:40	C23112943.D
Naphthalene	91-20-3	<2.18		2.18	11/30/2023 08:40	C23112943.D
1,2,3-Trichlorobenzene	87-61-6	<1.79		1.79	11/30/2023 08:40	C23112943.D
2-Methylnaphthalene	91-57-6	<2.30		2.30	11/30/2023 08:40	C23112943.D
ε TPH C5-C8		<592		592	11/30/2023 08:40	C23112943.D
ε TPH C9-C15		<507		507	11/30/2023 08:40	C23112943.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	89.1%	70-130		11/30/2023 08:40	C23112943.D
Surrogate: Toluene-d8	2037-26-5	94.1%	70-130		11/30/2023 08:40	C23112943.D
Surrogate: Bromofluorobenzene	460-00-4	95.2%	70-130		11/30/2023 08:40	C23112943.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-39

06R_SG_39_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 09:08	C23112944.D
1,1-Dichloroethene	75-35-4	<2.12		2.12	11/30/2023 09:08	C23112944.D
Methylene Chloride	75-09-2	<2.00		2.00	11/30/2023 09:08	C23112944.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.79		0.79	11/30/2023 09:08	C23112944.D
trans-1,2-Dichloroethene	156-60-5	5.82		1.59	11/30/2023 09:08	C23112944.D
Methyl-t-butyl ether	1634-04-4	<3.50		3.50	11/30/2023 09:08	C23112944.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 09:08	C23112944.D
cis-1,2-Dichloroethene	156-59-2	13.5		1.32	11/30/2023 09:08	C23112944.D
Chloroform	67-66-3	<2.00		2.00	11/30/2023 09:08	C23112944.D
1,2-Dichloroethane	107-06-2	<1.25		1.25	11/30/2023 09:08	C23112944.D
1,1,1-Trichloroethane	71-55-6	<0.67		0.67	11/30/2023 09:08	C23112944.D
Carbon Tetrachloride	56-23-5	<1.63		1.63	11/30/2023 09:08	C23112944.D
Benzene	71-43-2	<3.30		3.30	11/30/2023 09:08	C23112944.D
Trichloroethene	79-01-6	157		2.12	11/30/2023 09:08	C23112944.D
1,4-Dioxane	123-91-1	<1.71		1.71	11/30/2023 09:08	C23112944.D
1,1,2-Trichloroethane	79-00-5	<2.12		2.12	11/30/2023 09:08	C23112944.D
Toluene	108-88-3	<4.37		4.37	11/30/2023 09:08	C23112944.D
1,2-Dibromoethane (EDB)	106-93-4	<1.79		1.79	11/30/2023 09:08	C23112944.D
Tetrachloroethene	127-18-4	648		1.71	11/30/2023 09:08	C23112944.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.71		1.71	11/30/2023 09:08	C23112944.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 09:08	C23112944.D
Ethylbenzene	100-41-4	<2.06		2.06	11/30/2023 09:08	C23112944.D
p & m-Xylene	179601-23-1	<1.99		1.99	11/30/2023 09:08	C23112944.D
o-Xylene	95-47-6	<1.99		1.99	11/30/2023 09:08	C23112944.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 09:08	C23112944.D
Isopropylbenzene	98-82-8	<2.11		2.11	11/30/2023 09:08	C23112944.D
1,3,5-Trimethylbenzene	108-67-8	<2.11		2.11	11/30/2023 09:08	C23112944.D
1,2,4-Trimethylbenzene	95-63-6	<2.11		2.11	11/30/2023 09:08	C23112944.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 09:08	C23112944.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 09:08	C23112944.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 09:08	C23112944.D
1,2,4-Trichlorobenzene	120-82-1	<1.79		1.79	11/30/2023 09:08	C23112944.D
Naphthalene	91-20-3	<2.18		2.18	11/30/2023 09:08	C23112944.D
1,2,3-Trichlorobenzene	87-61-6	<1.79		1.79	11/30/2023 09:08	C23112944.D
2-Methylnaphthalene	91-57-6	<2.30		2.30	11/30/2023 09:08	C23112944.D
ε TPH C5-C8		<593		593	11/30/2023 09:08	C23112944.D
ε TPH C9-C15		<507		507	11/30/2023 09:08	C23112944.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	89.4%	70-130		11/30/2023 09:08	C23112944.D
Surrogate: Toluene-d8	2037-26-5	91.9%	70-130		11/30/2023 09:08	C23112944.D
Surrogate: Bromofluorobenzene	460-00-4	94.1%	70-130		11/30/2023 09:08	C23112944.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Lab Sample ID: 0007323-40

06R_SG_40_20231120

Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.86		0.86	11/30/2023 09:36	C23112945.D
1,1-Dichloroethene	75-35-4	<2.12		2.12	11/30/2023 09:36	C23112945.D
Methylene Chloride	75-09-2	<2.00		2.00	11/30/2023 09:36	C23112945.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.79		0.79	11/30/2023 09:36	C23112945.D
trans-1,2-Dichloroethene	156-60-5	<1.59		1.59	11/30/2023 09:36	C23112945.D
Methyl-t-butyl ether	1634-04-4	<3.50		3.50	11/30/2023 09:36	C23112945.D
1,1-Dichloroethane	75-34-3	<0.82		0.82	11/30/2023 09:36	C23112945.D
cis-1,2-Dichloroethene	156-59-2	<1.32		1.32	11/30/2023 09:36	C23112945.D
Chloroform	67-66-3	<2.00		2.00	11/30/2023 09:36	C23112945.D
1,2-Dichloroethane	107-06-2	<1.25		1.25	11/30/2023 09:36	C23112945.D
1,1,1-Trichloroethane	71-55-6	<0.67		0.67	11/30/2023 09:36	C23112945.D
Carbon Tetrachloride	56-23-5	<1.63		1.63	11/30/2023 09:36	C23112945.D
Benzene	71-43-2	<3.30		3.30	11/30/2023 09:36	C23112945.D
Trichloroethene	79-01-6	<2.12		2.12	11/30/2023 09:36	C23112945.D
1,4-Dioxane	123-91-1	<1.71		1.71	11/30/2023 09:36	C23112945.D
1,1,2-Trichloroethane	79-00-5	<2.12		2.12	11/30/2023 09:36	C23112945.D
Toluene	108-88-3	<4.37		4.37	11/30/2023 09:36	C23112945.D
1,2-Dibromoethane (EDB)	106-93-4	<1.79		1.79	11/30/2023 09:36	C23112945.D
Tetrachloroethene	127-18-4	16.3		1.71	11/30/2023 09:36	C23112945.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.71		1.71	11/30/2023 09:36	C23112945.D
Chlorobenzene	108-90-7	<0.82		0.82	11/30/2023 09:36	C23112945.D
Ethylbenzene	100-41-4	<2.06		2.06	11/30/2023 09:36	C23112945.D
p & m-Xylene	179601-23-1	<1.99		1.99	11/30/2023 09:36	C23112945.D
o-Xylene	95-47-6	<1.99		1.99	11/30/2023 09:36	C23112945.D
1,2,3-Trichloropropane	96-18-4	<0.93		0.93	11/30/2023 09:36	C23112945.D
Isopropylbenzene	98-82-8	<2.11		2.11	11/30/2023 09:36	C23112945.D
1,3,5-Trimethylbenzene	108-67-8	<2.11		2.11	11/30/2023 09:36	C23112945.D
1,2,4-Trimethylbenzene	95-63-6	<2.11		2.11	11/30/2023 09:36	C23112945.D
1,3-Dichlorobenzene	541-73-1	<0.93		0.93	11/30/2023 09:36	C23112945.D
1,4-Dichlorobenzene	106-46-7	<0.93		0.93	11/30/2023 09:36	C23112945.D
1,2-Dichlorobenzene	95-50-1	<0.93		0.93	11/30/2023 09:36	C23112945.D
1,2,4-Trichlorobenzene	120-82-1	<1.79		1.79	11/30/2023 09:36	C23112945.D
Naphthalene	91-20-3	<2.19		2.19	11/30/2023 09:36	C23112945.D
1,2,3-Trichlorobenzene	87-61-6	<1.79		1.79	11/30/2023 09:36	C23112945.D
2-Methylnaphthalene	91-57-6	<2.30		2.30	11/30/2023 09:36	C23112945.D
☉ TPH C5-C8		<593		593	11/30/2023 09:36	C23112945.D
☉ TPH C9-C15		<507		507	11/30/2023 09:36	C23112945.D
Analyte	CAS#	% Recovery	Recovery Limits	Q	Analyzed	File ID
Surrogate: 1,2-DCA-d4	17060-07-0	87.8%	70-130		11/30/2023 09:36	C23112945.D
Surrogate: Toluene-d8	2037-26-5	94.6%	70-130		11/30/2023 09:36	C23112945.D
Surrogate: Bromofluorobenzene	460-00-4	98.5%	70-130		11/30/2023 09:36	C23112945.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

QC Information/Summary

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Soil-Gas Sample Analysis by EPA Method 8260C - Quality Control Summary

Sequence: B23K081 - Batch: 23K0067 - Instrument: C System - File ID: C23112903.D

23K0067-BS1 (LCS, Calibration Source Verification)

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	57.7	10	ng	50.0		115	80-120			
1,1-Dichloroethene	45.4	10	ng	50.0		90.9	80-120			
Methylene Chloride	45.0	10	ng	50.0		90.0	80-120			
1,1,2-Trichlorotrifluoroethane (Fr.113)	47.3	10	ng	50.0		94.5	80-120			
trans-1,2-Dichloroethene	50.6	10	ng	50.0		101	80-120			
Methyl-t-butyl ether	41.7	25	ng	50.0		83.3	80-120			
1,1-Dichloroethane	46.7	10	ng	50.0		93.5	80-120			
cis-1,2-Dichloroethene	49.6	10	ng	50.0		99.2	80-120			
Chloroform	47.7	10	ng	50.0		95.4	80-120			
1,2-Dichloroethane	47.1	10	ng	50.0		94.1	80-120			
1,1,1-Trichloroethane	46.1	10	ng	50.0		92.1	80-120			
Carbon Tetrachloride	49.3	10	ng	50.0		98.6	80-120			
Benzene	47.7	25	ng	50.0		95.4	80-120			
Trichloroethene	51.6	10	ng	50.0		103	80-120			
1,4-Dioxane	45.9	10	ng	50.0		91.7	80-120			
1,1,2-Trichloroethane	50.6	10	ng	50.0		101	80-120			
Toluene	46.3	25	ng	50.0		92.6	80-120			
1,2-Dibromoethane (EDB)	49.2	10	ng	50.0		98.4	80-120			
Tetrachloroethene	46.7	10	ng	50.0		93.4	80-120			
1,1,1,2-Tetrachloroethane	48.9	10	ng	50.0		97.7	80-120			
Chlorobenzene	47.6	10	ng	50.0		95.2	80-120			
Ethylbenzene	50.4	25	ng	50.0		101	80-120			
p & m-Xylene	49.5	25	ng	50.0		99.0	80-120			
o-Xylene	49.6	25	ng	50.0		99.1	80-120			
1,2,3-Trichloropropane	48.2	10	ng	50.0		96.3	80-120			
Isopropylbenzene	45.2	25	ng	50.0		90.4	80-120			
1,3,5-Trimethylbenzene	52.2	25	ng	50.0		104	80-120			
1,2,4-Trimethylbenzene	50.5	25	ng	50.0		101	80-120			
1,3-Dichlorobenzene	51.2	10	ng	50.0		102	80-120			
1,4-Dichlorobenzene	48.2	10	ng	50.0		96.5	80-120			
1,2-Dichlorobenzene	51.0	10	ng	50.0		102	80-120			
1,2,4-Trichlorobenzene	43.7	10	ng	50.0		87.3	80-120			
Naphthalene	46.8	25	ng	50.0		93.6	80-120			
1,2,3-Trichlorobenzene	42.6	10	ng	50.0		85.1	80-120			
2-Methylnaphthalene	48.7	25	ng	50.0		97.3	80-120			
<i>Surrogate: 1,2-DCA-d4</i>	<i>49.8</i>		<i>ng</i>	<i>50.0</i>		<i>99.6</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.2</i>		<i>ng</i>	<i>50.0</i>		<i>98.5</i>	<i>70-130</i>			
<i>Surrogate: Bromofluorobenzene</i>	<i>46.0</i>		<i>ng</i>	<i>50.0</i>		<i>92.1</i>	<i>70-130</i>			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Soil-Gas Analysis by EPA 8260 - Data in Concentration - Quality Control Summary
Sequence: B23K081 - Batch: 23K0067 - Instrument: C System - File ID: C23112904.D
23K0067-BLK1 (Lab Blank)

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	<0.785	0.785	µg/m³							U
1,1-Dichloroethene	<1.93	1.93	µg/m³							U
Methylene Chloride	<1.82	1.82	µg/m³							U
1,1,2-Trichlorotrifluoroethane (Fr.113)	<0.715	0.715	µg/m³							U
trans-1,2-Dichloroethene	<1.45	1.45	µg/m³							U
Methyl-t-butyl ether	<3.18	3.18	µg/m³							U
1,1-Dichloroethane	<0.748	0.748	µg/m³							U
cis-1,2-Dichloroethene	<1.20	1.20	µg/m³							U
Chloroform	<1.82	1.82	µg/m³							U
1,2-Dichloroethane	<1.14	1.14	µg/m³							U
1,1,1-Trichloroethane	<0.606	0.606	µg/m³							U
Carbon Tetrachloride	<1.48	1.48	µg/m³							U
Benzene	<3.00	3.00	µg/m³							U
Trichloroethene	<1.93	1.93	µg/m³							U
1,4-Dioxane	<1.55	1.55	µg/m³							U
1,1,2-Trichloroethane	<1.93	1.93	µg/m³							U
Toluene	<3.97	3.97	µg/m³							U
1,2-Dibromoethane (EDB)	<1.63	1.63	µg/m³							U
Tetrachloroethene	<1.55	1.55	µg/m³							U
1,1,1,2-Tetrachloroethane	<1.55	1.55	µg/m³							U
Chlorobenzene	<0.748	0.748	µg/m³							U
Ethylbenzene	<1.87	1.87	µg/m³							U
p & m-Xylene	<1.81	1.81	µg/m³							U
o-Xylene	<1.81	1.81	µg/m³							U
1,2,3-Trichloropropane	<0.848	0.848	µg/m³							U
Isopropylbenzene	<1.92	1.92	µg/m³							U
1,3,5-Trimethylbenzene	<1.92	1.92	µg/m³							U
1,2,4-Trimethylbenzene	<1.92	1.92	µg/m³							U
1,3-Dichlorobenzene	<0.848	0.848	µg/m³							U
1,4-Dichlorobenzene	<0.848	0.848	µg/m³							U
1,2-Dichlorobenzene	<0.848	0.848	µg/m³							U
1,2,4-Trichlorobenzene	<1.63	1.63	µg/m³							U
Naphthalene	<1.99	1.99	µg/m³							U
1,2,3-Trichlorobenzene	<1.63	1.63	µg/m³							U
2-Methylnaphthalene	<2.09	2.09	µg/m³							U
Surrogate: 1,2-DCA-d4	99.9		ng	100		99.9	70-130			
Surrogate: Toluene-d8	96.4		ng	100		96.4	70-130			
Surrogate: Bromofluorobenzene	90.4		ng	100		90.4	70-130			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Soil-Gas Sample Analysis by EPA Method 8260C - Quality Control Summary
Sequence: B23K081 - Batch: 23K0067 - Instrument: C System - File ID: C23112904.D
23K0067-BLK1 (Lab Blank)

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	<5	10	ng							U
1,1-Dichloroethene	<5	10	ng							U
Methylene Chloride	<5	10	ng							U
1,1,2-Trichlorotrifluoroethane (Fr.113)	<5	10	ng							U
trans-1,2-Dichloroethene	<5	10	ng							U
Methyl-t-butyl ether	<10	25	ng							U
1,1-Dichloroethane	<5	10	ng							U
cis-1,2-Dichloroethene	<5	10	ng							U
Chloroform	<5	10	ng							U
1,2-Dichloroethane	<5	10	ng							U
1,1,1-Trichloroethane	<5	10	ng							U
Carbon Tetrachloride	<5	10	ng							U
Benzene	<10	25	ng							U
Trichloroethene	<5	10	ng							U
1,4-Dioxane	<5	10	ng							U
1,1,2-Trichloroethane	<5	10	ng							U
Toluene	<10	25	ng							U
1,2-Dibromoethane (EDB)	<5	10	ng							U
Tetrachloroethene	<5	10	ng							U
1,1,1,2-Tetrachloroethane	<5	10	ng							U
Chlorobenzene	<5	10	ng							U
Ethylbenzene	<10	25	ng							U
p & m-Xylene	<10	25	ng							U
o-Xylene	<10	25	ng							U
1,2,3-Trichloropropane	<5	10	ng							U
Isopropylbenzene	<10	25	ng							U
1,3,5-Trimethylbenzene	<10	25	ng							U
1,2,4-Trimethylbenzene	<10	25	ng							U
1,3-Dichlorobenzene	<5	10	ng							U
1,4-Dichlorobenzene	<5	10	ng							U
1,2-Dichlorobenzene	<5	10	ng							U
1,2,4-Trichlorobenzene	<5	10	ng							U
Naphthalene	<10	25	ng							U
1,2,3-Trichlorobenzene	<5	10	ng							U
2-Methylnaphthalene	<10	25	ng							U
Surrogate: 1,2-DCA-d4	99.9		ng	100		99.9	70-130			
Surrogate: Toluene-d8	96.4		ng	100		96.4	70-130			
Surrogate: Bromofluorobenzene	90.4		ng	100		90.4	70-130			

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Soil-Gas Sample Analysis by EPA Method 8260C - Quality Control Summary
Sequence: B23K081 - Instrument: C System - File ID: C23112905.D
B23K081-ICV1 (LCSD/Second Source Verification/CALV)

Analyte	Result	LOQ	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl Chloride	62.3	10	ng	50.0		125	70-130			
1,1-Dichloroethene	46.1	10	ng	50.0		92.2	70-130			
Methylene Chloride	48.5	10	ng	50.0		97.0	70-130			
1,1,2-Trichlorotrifluoroethane (Fr.113)	50.2	10	ng	50.0		100	70-130			
trans-1,2-Dichloroethene	49.5	10	ng	50.0		99.0	70-130			
Methyl-t-butyl ether	44.1	25	ng	50.0		88.2	70-130			
1,1-Dichloroethane	48.7	10	ng	50.0		97.5	70-130			
cis-1,2-Dichloroethene	47.9	10	ng	50.0		95.9	70-130			
Chloroform	47.7	10	ng	50.0		95.3	70-130			
1,2-Dichloroethane	46.2	10	ng	50.0		92.4	70-130			
1,1,1-Trichloroethane	47.8	10	ng	50.0		95.5	70-130			
Carbon Tetrachloride	49.0	10	ng	50.0		98.0	70-130			
Benzene	47.8	25	ng	50.0		95.6	70-130			
Trichloroethene	51.0	10	ng	50.0		102	70-130			
1,4-Dioxane	47.1	10	ng	50.0		94.3	70-130			
1,1,2-Trichloroethane	49.3	10	ng	50.0		98.6	70-130			
Toluene	49.5	25	ng	50.0		98.9	70-130			
1,2-Dibromoethane (EDB)	50.7	10	ng	50.0		101	70-130			
Tetrachloroethene	48.4	10	ng	50.0		96.8	70-130			
1,1,1,2-Tetrachloroethane	53.3	10	ng	50.0		107	70-130			
Chlorobenzene	50.4	10	ng	50.0		101	70-130			
Ethylbenzene	52.6	25	ng	50.0		105	70-130			
p & m-Xylene	50.4	25	ng	50.0		101	70-130			
o-Xylene	51.4	25	ng	50.0		103	70-130			
1,2,3-Trichloropropane	50.4	10	ng	50.0		101	70-130			
Isopropylbenzene	49.1	25	ng	50.0		98.1	70-130			
1,3,5-Trimethylbenzene	53.1	25	ng	50.0		106	70-130			
1,2,4-Trimethylbenzene	52.7	25	ng	50.0		105	70-130			
1,3-Dichlorobenzene	50.8	10	ng	50.0		102	70-130			
1,4-Dichlorobenzene	49.8	10	ng	50.0		99.7	70-130			
1,2-Dichlorobenzene	51.1	10	ng	50.0		102	70-130			
1,2,4-Trichlorobenzene	45.0	10	ng	50.0		90.1	70-130			
Naphthalene	48.4	25	ng	50.0		96.8	70-130			
1,2,3-Trichlorobenzene	44.6	10	ng	50.0		89.2	70-130			
2-Methylnaphthalene	47.3	25	ng	50.0		94.6	70-130			
<i>Surrogate: 1,2-DCA-d4</i>	<i>49.3</i>		<i>ng</i>	<i>50.0</i>		<i>98.6</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.2</i>		<i>ng</i>	<i>50.0</i>		<i>100</i>	<i>70-130</i>			
<i>Surrogate: Bromofluorobenzene</i>	<i>45.9</i>		<i>ng</i>	<i>50.0</i>		<i>91.8</i>	<i>70-130</i>			

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Additional QC Information

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-01 **Sample Name:** 06R_SG_01_20231120

Vinyl Chloride	15,725	1.00	0.810	U	U	C23112906.D
1,1-Dichloroethene	15,725	1.00	0.330	U	U	C23112906.D
Methylene Chloride	15,725	1.00	0.350 ^g	U	U	C23112906.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,725	1.00	0.890 ^g	U	U	C23112906.D
trans-1,2-Dichloroethene	15,725	1.00	0.440	U	U	C23112906.D
Methyl-t-butyl ether	15,725	1.00	0.500 ^g	U	U	C23112906.D
1,1-Dichloroethane	15,725	1.00	0.850	U	U	C23112906.D
cis-1,2-Dichloroethene	15,725	1.00	0.530	U	U	C23112906.D
Chloroform	15,725	1.00	0.350 ^g	U	U	C23112906.D
1,2-Dichloroethane	15,725	1.00	0.560	U	U	C23112906.D
1,1,1-Trichloroethane	15,725	1.00	1.050	U	U	C23112906.D
Carbon Tetrachloride	15,725	1.00	0.430 ^g	U	U	C23112906.D
Benzene	15,725	1.00	0.530	U	U	C23112906.D
Trichloroethene	15,725	1.00	0.330	U	U	C23112906.D
1,4-Dioxane	15,725	1.00	0.410 ^g	U	U	C23112906.D
1,1,2-Trichloroethane	15,725	1.00	0.330 ^g	U	U	C23112906.D
Toluene	15,725	1.00	0.400	U	U	C23112906.D
1,2-Dibromoethane (EDB)	15,725	1.00	0.390 ^g	U	U	C23112906.D
Tetrachloroethene	15,725	1.00	0.410	U	U	C23112906.D
1,1,1,2-Tetrachloroethane	15,725	1.00	0.410 ^g	U	U	C23112906.D
Chlorobenzene	15,725	1.00	0.850 ^g	U	U	C23112906.D
Ethylbenzene	15,725	1.00	0.850	U	U	C23112906.D
p & m-Xylene	15,725	1.00	0.880	U	U	C23112906.D
o-Xylene	15,725	1.00	0.880	U	U	C23112906.D
1,2,3-Trichloropropane	15,725	1.00	0.750 ^g	U	U	C23112906.D
Isopropylbenzene	15,725	1.00	0.830 ^g	U	U	C23112906.D
1,3,5-Trimethylbenzene	15,725	1.00	0.830 ^g	U	U	C23112906.D
1,2,4-Trimethylbenzene	15,725	1.00	0.830 ^g	U	U	C23112906.D
1,3-Dichlorobenzene	15,725	1.00	0.750 ^g	U	U	C23112906.D
1,4-Dichlorobenzene	15,725	1.00	0.750 ^g	U	U	C23112906.D
1,2-Dichlorobenzene	15,725	1.00	0.750 ^g	U	U	C23112906.D
1,2,4-Trichlorobenzene	15,725	1.00	0.390 ^g	U	U	C23112906.D
Naphthalene	15,725	1.00	0.800 ^g	U	U	C23112906.D
1,2,3-Trichlorobenzene	15,725	1.00	0.390 ^g	U	U	C23112906.D
2-Methylnaphthalene	15,725	1.00	0.760 ^g	U	U	C23112906.D
TPH C5-C8	15,725	1.00	0.590	U	U	C23112906.D
TPH C9-C15	15,725	1.00	0.690	U	U	C23112906.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-02

Sample Name: 06R_SG_02_20231120

Vinyl Chloride	15,724	1.00	0.810	U	U	C23112907.D
1,1-Dichloroethene	15,724	1.00	0.330	U	U	C23112907.D
Methylene Chloride	15,724	1.00	0.350 [§]	U	U	C23112907.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,724	1.00	0.890 [§]	U	U	C23112907.D
trans-1,2-Dichloroethene	15,724	1.00	0.440	U	U	C23112907.D
Methyl-t-butyl ether	15,724	1.00	0.500 [§]	U	U	C23112907.D
1,1-Dichloroethane	15,724	1.00	0.850	U	U	C23112907.D
cis-1,2-Dichloroethene	15,724	1.00	0.530	U	U	C23112907.D
Chloroform	15,724	1.00	0.350 [§]	U	U	C23112907.D
1,2-Dichloroethane	15,724	1.00	0.560	U	U	C23112907.D
1,1,1-Trichloroethane	15,724	1.00	1.050	U	U	C23112907.D
Carbon Tetrachloride	15,724	1.00	0.430 [§]	U	U	C23112907.D
Benzene	15,724	1.00	0.530	U	U	C23112907.D
Trichloroethene	15,724	1.00	0.330	U	U	C23112907.D
1,4-Dioxane	15,724	1.00	0.410 [§]	U	U	C23112907.D
1,1,2-Trichloroethane	15,724	1.00	0.330 [§]	U	U	C23112907.D
Toluene	15,724	1.00	0.400	U	U	C23112907.D
1,2-Dibromoethane (EDB)	15,724	1.00	0.390 [§]	U	U	C23112907.D
Tetrachloroethene	15,724	1.00	0.410	U	U	C23112907.D
1,1,1,2-Tetrachloroethane	15,724	1.00	0.410 [§]	U	U	C23112907.D
Chlorobenzene	15,724	1.00	0.850 [§]	U	U	C23112907.D
Ethylbenzene	15,724	1.00	0.850	U	U	C23112907.D
p & m-Xylene	15,724	1.00	0.880	U	U	C23112907.D
o-Xylene	15,724	1.00	0.880	U	U	C23112907.D
1,2,3-Trichloropropane	15,724	1.00	0.750 [§]	U	U	C23112907.D
Isopropylbenzene	15,724	1.00	0.830 [§]	U	U	C23112907.D
1,3,5-Trimethylbenzene	15,724	1.00	0.830 [§]	U	U	C23112907.D
1,2,4-Trimethylbenzene	15,724	1.00	0.830 [§]	U	U	C23112907.D
1,3-Dichlorobenzene	15,724	1.00	0.750 [§]	U	U	C23112907.D
1,4-Dichlorobenzene	15,724	1.00	0.750 [§]	U	U	C23112907.D
1,2-Dichlorobenzene	15,724	1.00	0.750 [§]	U	U	C23112907.D
1,2,4-Trichlorobenzene	15,724	1.00	0.390 [§]	U	U	C23112907.D
Naphthalene	15,724	1.00	0.800	U	U	C23112907.D
1,2,3-Trichlorobenzene	15,724	1.00	0.390 [§]	U	U	C23112907.D
2-Methylnaphthalene	15,724	1.00	0.760 [§]	U	U	C23112907.D
TPH C5-C8	15,724	1.00	0.590	U	U	C23112907.D
TPH C9-C15	15,724	1.00	0.690	U	U	C23112907.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-03 **Sample Name:** 06R_SG_03_20231120

Vinyl Chloride	15,720	1.00	0.810	U	U	C23112908.D
1,1-Dichloroethene	15,720	1.00	0.330	U	U	C23112908.D
Methylene Chloride	15,720	1.00	0.350 ^g	U	U	C23112908.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,720	1.00	0.890 ^g	U	U	C23112908.D
trans-1,2-Dichloroethene	15,720	1.00	0.440	U	U	C23112908.D
Methyl-t-butyl ether	15,720	1.00	0.500 ^g	U	U	C23112908.D
1,1-Dichloroethane	15,720	1.00	0.850	U	U	C23112908.D
cis-1,2-Dichloroethene	15,720	1.00	0.530	U	U	C23112908.D
Chloroform	15,720	1.00	0.350 ^g	U	U	C23112908.D
1,2-Dichloroethane	15,720	1.00	0.560	U	U	C23112908.D
1,1,1-Trichloroethane	15,720	1.00	1.050	U	U	C23112908.D
Carbon Tetrachloride	15,720	1.00	0.430 ^g	U	U	C23112908.D
Benzene	15,720	1.00	0.530	U	U	C23112908.D
Trichloroethene	15,720	1.00	0.330	U	U	C23112908.D
1,4-Dioxane	15,720	1.00	0.410 ^g	U	U	C23112908.D
1,1,2-Trichloroethane	15,720	1.00	0.330 ^g	U	U	C23112908.D
Toluene	15,720	1.00	0.400	U	U	C23112908.D
1,2-Dibromoethane (EDB)	15,720	1.00	0.390 ^g	U	U	C23112908.D
Tetrachloroethene	15,720	1.00	0.410	U	U	C23112908.D
1,1,1,2-Tetrachloroethane	15,720	1.00	0.410 ^g	U	U	C23112908.D
Chlorobenzene	15,720	1.00	0.850 ^g	U	U	C23112908.D
Ethylbenzene	15,720	1.00	0.850	U	U	C23112908.D
p & m-Xylene	15,720	1.00	0.880	U	U	C23112908.D
o-Xylene	15,720	1.00	0.880	U	U	C23112908.D
1,2,3-Trichloropropane	15,720	1.00	0.750 ^g	U	U	C23112908.D
Isopropylbenzene	15,720	1.00	0.830 ^g	U	U	C23112908.D
1,3,5-Trimethylbenzene	15,720	1.00	0.830 ^g	U	U	C23112908.D
1,2,4-Trimethylbenzene	15,720	1.00	0.830 ^g	U	U	C23112908.D
1,3-Dichlorobenzene	15,720	1.00	0.750 ^g	U	U	C23112908.D
1,4-Dichlorobenzene	15,720	1.00	0.750 ^g	U	U	C23112908.D
1,2-Dichlorobenzene	15,720	1.00	0.750 ^g	U	U	C23112908.D
1,2,4-Trichlorobenzene	15,720	1.00	0.390 ^g	U	U	C23112908.D
Naphthalene	15,720	1.00	0.800 ^g	U	U	C23112908.D
1,2,3-Trichlorobenzene	15,720	1.00	0.390 ^g	U	U	C23112908.D
2-Methylnaphthalene	15,720	1.00	0.760 ^g	U	U	C23112908.D
TPH C5-C8	15,720	1.00	0.590	U	U	C23112908.D
TPH C9-C15	15,720	1.00	0.690	U	U	C23112908.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-04

Sample Name: 06R_SG_04_20231120

Vinyl Chloride	15,703	1.00	0.810	U	U	C23112909.D
1,1-Dichloroethene	15,703	1.00	0.330	U	U	C23112909.D
Methylene Chloride	15,703	1.00	0.350 ^g	U	U	C23112909.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,703	1.00	0.890 ^g	U	U	C23112909.D
trans-1,2-Dichloroethene	15,703	1.00	0.440	U	U	C23112909.D
Methyl-t-butyl ether	15,703	1.00	0.500 ^g	U	U	C23112909.D
1,1-Dichloroethane	15,703	1.00	0.850	U	U	C23112909.D
cis-1,2-Dichloroethene	15,703	1.00	0.530	U	U	C23112909.D
Chloroform	15,703	1.00	0.350 ^g	U	U	C23112909.D
1,2-Dichloroethane	15,703	1.00	0.560	U	U	C23112909.D
1,1,1-Trichloroethane	15,703	1.00	1.050	U	U	C23112909.D
Carbon Tetrachloride	15,703	1.00	0.430 ^g	U	U	C23112909.D
Benzene	15,703	1.00	0.530	U	U	C23112909.D
Trichloroethene	15,703	1.00	0.330	U	U	C23112909.D
1,4-Dioxane	15,703	1.00	0.410 ^g	U	U	C23112909.D
1,1,2-Trichloroethane	15,703	1.00	0.330 ^g	U	U	C23112909.D
Toluene	15,703	1.00	0.400	U	U	C23112909.D
1,2-Dibromoethane (EDB)	15,703	1.00	0.390 ^g	U	U	C23112909.D
Tetrachloroethene	15,703	1.00	0.410	U	U	C23112909.D
1,1,1,2-Tetrachloroethane	15,703	1.00	0.410 ^g	U	U	C23112909.D
Chlorobenzene	15,703	1.00	0.850 ^g	U	U	C23112909.D
Ethylbenzene	15,703	1.00	0.850	U	U	C23112909.D
p & m-Xylene	15,703	1.00	0.880	U	U	C23112909.D
o-Xylene	15,703	1.00	0.880	U	U	C23112909.D
1,2,3-Trichloropropane	15,703	1.00	0.750 ^g	U	U	C23112909.D
Isopropylbenzene	15,703	1.00	0.830 ^g	U	U	C23112909.D
1,3,5-Trimethylbenzene	15,703	1.00	0.830 ^g	U	U	C23112909.D
1,2,4-Trimethylbenzene	15,703	1.00	0.830 ^g	U	U	C23112909.D
1,3-Dichlorobenzene	15,703	1.00	0.750 ^g	U	U	C23112909.D
1,4-Dichlorobenzene	15,703	1.00	0.750 ^g	U	U	C23112909.D
1,2-Dichlorobenzene	15,703	1.00	0.750 ^g	U	U	C23112909.D
1,2,4-Trichlorobenzene	15,703	1.00	0.390 ^g	U	U	C23112909.D
Naphthalene	15,703	1.00	0.800 ^g	U	U	C23112909.D
1,2,3-Trichlorobenzene	15,703	1.00	0.390 ^g	U	U	C23112909.D
2-Methylnaphthalene	15,703	1.00	0.760 ^g	U	U	C23112909.D
TPH C5-C8	15,703	1.00	0.590	U	U	C23112909.D
TPH C9-C15	15,703	1.00	0.690	U	U	C23112909.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-05 **Sample Name:** 06R_SG_05_20231120

Vinyl Chloride	15,698	1.00	0.810	U	U	C23112910.D
1,1-Dichloroethene	15,698	1.00	0.330	U	U	C23112910.D
Methylene Chloride	15,698	1.00	0.350 ^g	U	U	C23112910.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,698	1.00	0.890 ^g	U	U	C23112910.D
trans-1,2-Dichloroethene	15,698	1.00	0.440	U	U	C23112910.D
Methyl-t-butyl ether	15,698	1.00	0.500 ^g	U	U	C23112910.D
1,1-Dichloroethane	15,698	1.00	0.850	U	U	C23112910.D
cis-1,2-Dichloroethene	15,698	1.00	0.530	U	U	C23112910.D
Chloroform	15,698	1.00	0.350 ^g	U	U	C23112910.D
1,2-Dichloroethane	15,698	1.00	0.560	U	U	C23112910.D
1,1,1-Trichloroethane	15,698	1.00	1.050	U	U	C23112910.D
Carbon Tetrachloride	15,698	1.00	0.430 ^g	U	U	C23112910.D
Benzene	15,698	1.00	0.530	U	U	C23112910.D
Trichloroethene	15,698	1.00	0.330	U	U	C23112910.D
1,4-Dioxane	15,698	1.00	0.410 ^g	U	U	C23112910.D
1,1,2-Trichloroethane	15,698	1.00	0.330 ^g	U	U	C23112910.D
Toluene	15,698	1.00	0.400	U	U	C23112910.D
1,2-Dibromoethane (EDB)	15,698	1.00	0.390 ^g	U	U	C23112910.D
Tetrachloroethene	15,698	1.00	0.410	U	U	C23112910.D
1,1,1,2-Tetrachloroethane	15,698	1.00	0.410 ^g	U	U	C23112910.D
Chlorobenzene	15,698	1.00	0.850 ^g	U	U	C23112910.D
Ethylbenzene	15,698	1.00	0.850	U	U	C23112910.D
p & m-Xylene	15,698	1.00	0.880	U	U	C23112910.D
o-Xylene	15,698	1.00	0.880	U	U	C23112910.D
1,2,3-Trichloropropane	15,698	1.00	0.750 ^g	U	U	C23112910.D
Isopropylbenzene	15,698	1.00	0.830 ^g	U	U	C23112910.D
1,3,5-Trimethylbenzene	15,698	1.00	0.830 ^g	U	U	C23112910.D
1,2,4-Trimethylbenzene	15,698	1.00	0.830 ^g	U	U	C23112910.D
1,3-Dichlorobenzene	15,698	1.00	0.750 ^g	U	U	C23112910.D
1,4-Dichlorobenzene	15,698	1.00	0.750 ^g	U	U	C23112910.D
1,2-Dichlorobenzene	15,698	1.00	0.750 ^g	U	U	C23112910.D
1,2,4-Trichlorobenzene	15,698	1.00	0.390 ^g	U	U	C23112910.D
Naphthalene	15,698	1.00	0.800 ^g	U	U	C23112910.D
1,2,3-Trichlorobenzene	15,698	1.00	0.390 ^g	U	U	C23112910.D
2-Methylnaphthalene	15,698	1.00	0.760 ^g	U	U	C23112910.D
TPH C5-C8	15,698	1.00	0.590	U	U	C23112910.D
TPH C9-C15	15,698	1.00	0.690	U	U	C23112910.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-06

Sample Name: 06R_SG_06_20231120

Vinyl Chloride	15,694	1.00	0.810	U	U	C23112911.D
1,1-Dichloroethene	15,694	1.00	0.330	U	U	C23112911.D
Methylene Chloride	15,694	1.00	0.350 ^g	U	U	C23112911.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,694	1.00	0.890 ^g	U	U	C23112911.D
trans-1,2-Dichloroethene	15,694	1.00	0.440	U	U	C23112911.D
Methyl-t-butyl ether	15,694	1.00	0.500 ^g	U	U	C23112911.D
1,1-Dichloroethane	15,694	1.00	0.850	U	U	C23112911.D
cis-1,2-Dichloroethene	15,694	1.00	0.530	U	U	C23112911.D
Chloroform	15,694	1.00	0.350 ^g	U	U	C23112911.D
1,2-Dichloroethane	15,694	1.00	0.560	U	U	C23112911.D
1,1,1-Trichloroethane	15,694	1.00	1.050	U	U	C23112911.D
Carbon Tetrachloride	15,694	1.00	0.430 ^g	U	U	C23112911.D
Benzene	15,694	1.00	0.530	U	U	C23112911.D
Trichloroethene	15,694	1.00	0.330	U	U	C23112911.D
1,4-Dioxane	15,694	1.00	0.410 ^g	U	U	C23112911.D
1,1,2-Trichloroethane	15,694	1.00	0.330 ^g	U	U	C23112911.D
Toluene	15,694	1.00	0.400	U	U	C23112911.D
1,2-Dibromoethane (EDB)	15,694	1.00	0.390 ^g	U	U	C23112911.D
Tetrachloroethene	15,694	1.00	0.410	U	U	C23112911.D
1,1,1,2-Tetrachloroethane	15,694	1.00	0.410 ^g	U	U	C23112911.D
Chlorobenzene	15,694	1.00	0.850 ^g	U	U	C23112911.D
Ethylbenzene	15,694	1.00	0.850	U	U	C23112911.D
p & m-Xylene	15,694	1.00	0.880	U	U	C23112911.D
o-Xylene	15,694	1.00	0.880	U	U	C23112911.D
1,2,3-Trichloropropane	15,694	1.00	0.750 ^g	U	U	C23112911.D
Isopropylbenzene	15,694	1.00	0.830 ^g	U	U	C23112911.D
1,3,5-Trimethylbenzene	15,694	1.00	0.830 ^g	U	U	C23112911.D
1,2,4-Trimethylbenzene	15,694	1.00	0.830 ^g	U	U	C23112911.D
1,3-Dichlorobenzene	15,694	1.00	0.750 ^g	U	U	C23112911.D
1,4-Dichlorobenzene	15,694	1.00	0.750 ^g	U	U	C23112911.D
1,2-Dichlorobenzene	15,694	1.00	0.750 ^g	U	U	C23112911.D
1,2,4-Trichlorobenzene	15,694	1.00	0.390 ^g	U	U	C23112911.D
Naphthalene	15,694	1.00	0.800 ^g	U	U	C23112911.D
1,2,3-Trichlorobenzene	15,694	1.00	0.390 ^g	U	U	C23112911.D
2-Methylnaphthalene	15,694	1.00	0.760 ^g	U	U	C23112911.D
TPH C5-C8	15,694	1.00	0.590	U	U	C23112911.D
TPH C9-C15	15,694	1.00	0.690	U	U	C23112911.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-07 **Sample Name:** 06R_SG_07_20231120

Vinyl Chloride	15,685	1.00	0.810	U	U	C23112912.D
1,1-Dichloroethene	15,685	1.00	0.330	U	U	C23112912.D
Methylene Chloride	15,685	1.00	0.350 ^g	U	U	C23112912.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,685	1.00	0.890 ^g	U	U	C23112912.D
trans-1,2-Dichloroethene	15,685	1.00	0.440	U	U	C23112912.D
Methyl-t-butyl ether	15,685	1.00	0.500 ^g	U	U	C23112912.D
1,1-Dichloroethane	15,685	1.00	0.850	U	U	C23112912.D
cis-1,2-Dichloroethene	15,685	1.00	0.530	U	U	C23112912.D
Chloroform	15,685	1.00	0.350 ^g	U	U	C23112912.D
1,2-Dichloroethane	15,685	1.00	0.560	U	U	C23112912.D
1,1,1-Trichloroethane	15,685	1.00	1.050	U	U	C23112912.D
Carbon Tetrachloride	15,685	1.00	0.430 ^g	U	U	C23112912.D
Benzene	15,685	1.00	0.530	U	U	C23112912.D
Trichloroethene	15,685	1.00	0.330	U	U	C23112912.D
1,4-Dioxane	15,685	1.00	0.410 ^g	U	U	C23112912.D
1,1,2-Trichloroethane	15,685	1.00	0.330 ^g	U	U	C23112912.D
Toluene	15,685	1.00	0.400	U	U	C23112912.D
1,2-Dibromoethane (EDB)	15,685	1.00	0.390 ^g	U	U	C23112912.D
Tetrachloroethene	15,685	1.00	0.410	U	U	C23112912.D
1,1,1,2-Tetrachloroethane	15,685	1.00	0.410 ^g	U	U	C23112912.D
Chlorobenzene	15,685	1.00	0.850 ^g	U	U	C23112912.D
Ethylbenzene	15,685	1.00	0.850	U	U	C23112912.D
p & m-Xylene	15,685	1.00	0.880	90.52	6.56	C23112912.D
o-Xylene	15,685	1.00	0.880	30.18	2.19	C23112912.D
1,2,3-Trichloropropane	15,685	1.00	0.750 ^g	U	U	C23112912.D
Isopropylbenzene	15,685	1.00	0.830 ^g	U	U	C23112912.D
1,3,5-Trimethylbenzene	15,685	1.00	0.830 ^g	U	U	C23112912.D
1,2,4-Trimethylbenzene	15,685	1.00	0.830 ^g	U	U	C23112912.D
1,3-Dichlorobenzene	15,685	1.00	0.750 ^g	U	U	C23112912.D
1,4-Dichlorobenzene	15,685	1.00	0.750 ^g	U	U	C23112912.D
1,2-Dichlorobenzene	15,685	1.00	0.750 ^g	U	U	C23112912.D
1,2,4-Trichlorobenzene	15,685	1.00	0.390 ^g	U	U	C23112912.D
Naphthalene	15,685	1.00	0.800 ^g	U	U	C23112912.D
1,2,3-Trichlorobenzene	15,685	1.00	0.390 ^g	U	U	C23112912.D
2-Methylnaphthalene	15,685	1.00	0.760 ^g	U	U	C23112912.D
TPH C5-C8	15,685	1.00	0.590	U	U	C23112912.D
TPH C9-C15	15,685	1.00	0.690	U	U	C23112912.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-08

Sample Name: 06R_SG_08_20231120

Vinyl Chloride	15,678	1.00	0.810	U	U	C23112913.D
1,1-Dichloroethene	15,678	1.00	0.330	U	U	C23112913.D
Methylene Chloride	15,678	1.00	0.350 ^g	U	U	C23112913.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,678	1.00	0.890 ^g	U	U	C23112913.D
trans-1,2-Dichloroethene	15,678	1.00	0.440	U	U	C23112913.D
Methyl-t-butyl ether	15,678	1.00	0.500 ^g	U	U	C23112913.D
1,1-Dichloroethane	15,678	1.00	0.850	U	U	C23112913.D
cis-1,2-Dichloroethene	15,678	1.00	0.530	U	U	C23112913.D
Chloroform	15,678	1.00	0.350 ^g	U	U	C23112913.D
1,2-Dichloroethane	15,678	1.00	0.560	U	U	C23112913.D
1,1,1-Trichloroethane	15,678	1.00	1.050	U	U	C23112913.D
Carbon Tetrachloride	15,678	1.00	0.430 ^g	U	U	C23112913.D
Benzene	15,678	1.00	0.530	U	U	C23112913.D
Trichloroethene	15,678	1.00	0.330	U	U	C23112913.D
1,4-Dioxane	15,678	1.00	0.410 ^g	U	U	C23112913.D
1,1,2-Trichloroethane	15,678	1.00	0.330 ^g	U	U	C23112913.D
Toluene	15,678	1.00	0.400	U	U	C23112913.D
1,2-Dibromoethane (EDB)	15,678	1.00	0.390 ^g	U	U	C23112913.D
Tetrachloroethene	15,678	1.00	0.410	U	U	C23112913.D
1,1,1,2-Tetrachloroethane	15,678	1.00	0.410 ^g	U	U	C23112913.D
Chlorobenzene	15,678	1.00	0.850 ^g	U	U	C23112913.D
Ethylbenzene	15,678	1.00	0.850	U	U	C23112913.D
p & m-Xylene	15,678	1.00	0.880	U	U	C23112913.D
o-Xylene	15,678	1.00	0.880	U	U	C23112913.D
1,2,3-Trichloropropane	15,678	1.00	0.750 ^g	U	U	C23112913.D
Isopropylbenzene	15,678	1.00	0.830 ^g	U	U	C23112913.D
1,3,5-Trimethylbenzene	15,678	1.00	0.830 ^g	U	U	C23112913.D
1,2,4-Trimethylbenzene	15,678	1.00	0.830 ^g	U	U	C23112913.D
1,3-Dichlorobenzene	15,678	1.00	0.750 ^g	U	U	C23112913.D
1,4-Dichlorobenzene	15,678	1.00	0.750 ^g	U	U	C23112913.D
1,2-Dichlorobenzene	15,678	1.00	0.750 ^g	U	U	C23112913.D
1,2,4-Trichlorobenzene	15,678	1.00	0.390 ^g	U	U	C23112913.D
Naphthalene	15,678	1.00	0.800	U	U	C23112913.D
1,2,3-Trichlorobenzene	15,678	1.00	0.390 ^g	U	U	C23112913.D
2-Methylnaphthalene	15,678	1.00	0.760 ^g	U	U	C23112913.D
TPH C5-C8	15,678	1.00	0.590	U	U	C23112913.D
TPH C9-C15	15,678	1.00	0.690	U	U	C23112913.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-09 **Sample Name:** 06R_SG_09_20231120

Vinyl Chloride	15,670	1.00	0.810	U	U	C23112914.D
1,1-Dichloroethene	15,670	1.00	0.330	U	U	C23112914.D
Methylene Chloride	15,670	1.00	0.350 ^g	U	U	C23112914.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,670	1.00	0.890 ^g	U	U	C23112914.D
trans-1,2-Dichloroethene	15,670	1.00	0.440	U	U	C23112914.D
Methyl-t-butyl ether	15,670	1.00	0.500 ^g	U	U	C23112914.D
1,1-Dichloroethane	15,670	1.00	0.850	U	U	C23112914.D
cis-1,2-Dichloroethene	15,670	1.00	0.530	U	U	C23112914.D
Chloroform	15,670	1.00	0.350 ^g	U	U	C23112914.D
1,2-Dichloroethane	15,670	1.00	0.560	U	U	C23112914.D
1,1,1-Trichloroethane	15,670	1.00	1.050	U	U	C23112914.D
Carbon Tetrachloride	15,670	1.00	0.430 ^g	U	U	C23112914.D
Benzene	15,670	1.00	0.530	115.33	13.9	C23112914.D
Trichloroethene	15,670	1.00	0.330	U	U	C23112914.D
1,4-Dioxane	15,670	1.00	0.410 ^g	U	U	C23112914.D
1,1,2-Trichloroethane	15,670	1.00	0.330 ^g	U	U	C23112914.D
Toluene	15,670	1.00	0.400	U	U	C23112914.D
1,2-Dibromoethane (EDB)	15,670	1.00	0.390 ^g	U	U	C23112914.D
Tetrachloroethene	15,670	1.00	0.410	U	U	C23112914.D
1,1,1,2-Tetrachloroethane	15,670	1.00	0.410 ^g	U	U	C23112914.D
Chlorobenzene	15,670	1.00	0.850 ^g	U	U	C23112914.D
Ethylbenzene	15,670	1.00	0.850	U	U	C23112914.D
p & m-Xylene	15,670	1.00	0.880	U	U	C23112914.D
o-Xylene	15,670	1.00	0.880	U	U	C23112914.D
1,2,3-Trichloropropane	15,670	1.00	0.750 ^g	U	U	C23112914.D
Isopropylbenzene	15,670	1.00	0.830 ^g	U	U	C23112914.D
1,3,5-Trimethylbenzene	15,670	1.00	0.830 ^g	U	U	C23112914.D
1,2,4-Trimethylbenzene	15,670	1.00	0.830 ^g	U	U	C23112914.D
1,3-Dichlorobenzene	15,670	1.00	0.750 ^g	U	U	C23112914.D
1,4-Dichlorobenzene	15,670	1.00	0.750 ^g	U	U	C23112914.D
1,2-Dichlorobenzene	15,670	1.00	0.750 ^g	U	U	C23112914.D
1,2,4-Trichlorobenzene	15,670	1.00	0.390 ^g	U	U	C23112914.D
Naphthalene	15,670	1.00	0.800 ^g	U	U	C23112914.D
1,2,3-Trichlorobenzene	15,670	1.00	0.390 ^g	U	U	C23112914.D
2-Methylnaphthalene	15,670	1.00	0.760 ^g	U	U	C23112914.D
TPH C5-C8	15,670	1.00	0.590	U	U	C23112914.D
TPH C9-C15	15,670	1.00	0.690	U	U	C23112914.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-10 **Sample Name:** 06R_SG_10_20231120

Vinyl Chloride	15,653	1.00	0.810	U	U	C23112915.D
1,1-Dichloroethene	15,653	1.00	0.330	U	U	C23112915.D
Methylene Chloride	15,653	1.00	0.350 ^g	U	U	C23112915.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,653	1.00	0.890 ^g	U	U	C23112915.D
trans-1,2-Dichloroethene	15,653	1.00	0.440	U	U	C23112915.D
Methyl-t-butyl ether	15,653	1.00	0.500 ^g	U	U	C23112915.D
1,1-Dichloroethane	15,653	1.00	0.850	U	U	C23112915.D
cis-1,2-Dichloroethene	15,653	1.00	0.530	U	U	C23112915.D
Chloroform	15,653	1.00	0.350 ^g	U	U	C23112915.D
1,2-Dichloroethane	15,653	1.00	0.560	U	U	C23112915.D
1,1,1-Trichloroethane	15,653	1.00	1.050	U	U	C23112915.D
Carbon Tetrachloride	15,653	1.00	0.430 ^g	U	U	C23112915.D
Benzene	15,653	1.00	0.530	55.21	6.65	C23112915.D
Trichloroethene	15,653	1.00	0.330	U	U	C23112915.D
1,4-Dioxane	15,653	1.00	0.410 ^g	U	U	C23112915.D
1,1,2-Trichloroethane	15,653	1.00	0.330 ^g	U	U	C23112915.D
Toluene	15,653	1.00	0.400	U	U	C23112915.D
1,2-Dibromoethane (EDB)	15,653	1.00	0.390 ^g	U	U	C23112915.D
Tetrachloroethene	15,653	1.00	0.410	U	U	C23112915.D
1,1,1,2-Tetrachloroethane	15,653	1.00	0.410 ^g	U	U	C23112915.D
Chlorobenzene	15,653	1.00	0.850 ^g	U	U	C23112915.D
Ethylbenzene	15,653	1.00	0.850	U	U	C23112915.D
p & m-Xylene	15,653	1.00	0.880	U	U	C23112915.D
o-Xylene	15,653	1.00	0.880	U	U	C23112915.D
1,2,3-Trichloropropane	15,653	1.00	0.750 ^g	U	U	C23112915.D
Isopropylbenzene	15,653	1.00	0.830 ^g	U	U	C23112915.D
1,3,5-Trimethylbenzene	15,653	1.00	0.830 ^g	U	U	C23112915.D
1,2,4-Trimethylbenzene	15,653	1.00	0.830 ^g	U	U	C23112915.D
1,3-Dichlorobenzene	15,653	1.00	0.750 ^g	U	U	C23112915.D
1,4-Dichlorobenzene	15,653	1.00	0.750 ^g	U	U	C23112915.D
1,2-Dichlorobenzene	15,653	1.00	0.750 ^g	U	U	C23112915.D
1,2,4-Trichlorobenzene	15,653	1.00	0.390 ^g	U	U	C23112915.D
Naphthalene	15,653	1.00	0.800 ^g	U	U	C23112915.D
1,2,3-Trichlorobenzene	15,653	1.00	0.390 ^g	U	U	C23112915.D
2-Methylnaphthalene	15,653	1.00	0.760 ^g	U	U	C23112915.D
TPH C5-C8	15,653	1.00	0.590	U	U	C23112915.D
TPH C9-C15	15,653	1.00	0.690	U	U	C23112915.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-11

Sample Name: 06R_SG_11_20231120

Vinyl Chloride	14,492	1.00	0.810	U	U	C23112916.D
1,1-Dichloroethene	14,492	1.00	0.330	U	U	C23112916.D
Methylene Chloride	14,492	1.00	0.350 ^g	U	U	C23112916.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,492	1.00	0.890 ^g	U	U	C23112916.D
trans-1,2-Dichloroethene	14,492	1.00	0.440	U	U	C23112916.D
Methyl-t-butyl ether	14,492	1.00	0.500 ^g	U	U	C23112916.D
1,1-Dichloroethane	14,492	1.00	0.850	U	U	C23112916.D
cis-1,2-Dichloroethene	14,492	1.00	0.530	U	U	C23112916.D
Chloroform	14,492	1.00	0.350 ^g	U	U	C23112916.D
1,2-Dichloroethane	14,492	1.00	0.560	U	U	C23112916.D
1,1,1-Trichloroethane	14,492	1.00	1.050	U	U	C23112916.D
Carbon Tetrachloride	14,492	1.00	0.430 ^g	U	U	C23112916.D
Benzene	14,492	1.00	0.530	25.46	3.31	C23112916.D
Trichloroethene	14,492	1.00	0.330	U	U	C23112916.D
1,4-Dioxane	14,492	1.00	0.410 ^g	U	U	C23112916.D
1,1,2-Trichloroethane	14,492	1.00	0.330 ^g	U	U	C23112916.D
Toluene	14,492	1.00	0.400	U	U	C23112916.D
1,2-Dibromoethane (EDB)	14,492	1.00	0.390 ^g	U	U	C23112916.D
Tetrachloroethene	14,492	1.00	0.410	U	U	C23112916.D
1,1,1,2-Tetrachloroethane	14,492	1.00	0.410 ^g	U	U	C23112916.D
Chlorobenzene	14,492	1.00	0.850 ^g	U	U	C23112916.D
Ethylbenzene	14,492	1.00	0.850	U	U	C23112916.D
p & m-Xylene	14,492	1.00	0.880	U	U	C23112916.D
o-Xylene	14,492	1.00	0.880	U	U	C23112916.D
1,2,3-Trichloropropane	14,492	1.00	0.750 ^g	U	U	C23112916.D
Isopropylbenzene	14,492	1.00	0.830 ^g	U	U	C23112916.D
1,3,5-Trimethylbenzene	14,492	1.00	0.830 ^g	U	U	C23112916.D
1,2,4-Trimethylbenzene	14,492	1.00	0.830 ^g	U	U	C23112916.D
1,3-Dichlorobenzene	14,492	1.00	0.750 ^g	U	U	C23112916.D
1,4-Dichlorobenzene	14,492	1.00	0.750 ^g	U	U	C23112916.D
1,2-Dichlorobenzene	14,492	1.00	0.750 ^g	U	U	C23112916.D
1,2,4-Trichlorobenzene	14,492	1.00	0.390 ^g	U	U	C23112916.D
Naphthalene	14,492	1.00	0.800 ^g	U	U	C23112916.D
1,2,3-Trichlorobenzene	14,492	1.00	0.390 ^g	U	U	C23112916.D
2-Methylnaphthalene	14,492	1.00	0.760 ^g	U	U	C23112916.D
TPH C5-C8	14,492	1.00	0.590	U	U	C23112916.D
TPH C9-C15	14,492	1.00	0.690	U	U	C23112916.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-12 **Sample Name:** 06R_SG_12_20231120

Vinyl Chloride	14,490	1.00	0.810	U	U	C23112917.D
1,1-Dichloroethene	14,490	1.00	0.330	U	U	C23112917.D
Methylene Chloride	14,490	1.00	0.350 ^g	U	U	C23112917.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,490	1.00	0.890 ^g	U	U	C23112917.D
trans-1,2-Dichloroethene	14,490	1.00	0.440	U	U	C23112917.D
Methyl-t-butyl ether	14,490	1.00	0.500 ^g	U	U	C23112917.D
1,1-Dichloroethane	14,490	1.00	0.850	U	U	C23112917.D
cis-1,2-Dichloroethene	14,490	1.00	0.530	U	U	C23112917.D
Chloroform	14,490	1.00	0.350 ^g	U	U	C23112917.D
1,2-Dichloroethane	14,490	1.00	0.560	U	U	C23112917.D
1,1,1-Trichloroethane	14,490	1.00	1.050	U	U	C23112917.D
Carbon Tetrachloride	14,490	1.00	0.430 ^g	U	U	C23112917.D
Benzene	14,490	1.00	0.530	U	U	C23112917.D
Trichloroethene	14,490	1.00	0.330	U	U	C23112917.D
1,4-Dioxane	14,490	1.00	0.410 ^g	U	U	C23112917.D
1,1,2-Trichloroethane	14,490	1.00	0.330 ^g	U	U	C23112917.D
Toluene	14,490	1.00	0.400	U	U	C23112917.D
1,2-Dibromoethane (EDB)	14,490	1.00	0.390 ^g	U	U	C23112917.D
Tetrachloroethene	14,490	1.00	0.410	21.74	3.66	C23112917.D
1,1,1,2-Tetrachloroethane	14,490	1.00	0.410 ^g	U	U	C23112917.D
Chlorobenzene	14,490	1.00	0.850 ^g	U	U	C23112917.D
Ethylbenzene	14,490	1.00	0.850	U	U	C23112917.D
p & m-Xylene	14,490	1.00	0.880	U	U	C23112917.D
o-Xylene	14,490	1.00	0.880	U	U	C23112917.D
1,2,3-Trichloropropane	14,490	1.00	0.750 ^g	U	U	C23112917.D
Isopropylbenzene	14,490	1.00	0.830 ^g	U	U	C23112917.D
1,3,5-Trimethylbenzene	14,490	1.00	0.830 ^g	U	U	C23112917.D
1,2,4-Trimethylbenzene	14,490	1.00	0.830 ^g	U	U	C23112917.D
1,3-Dichlorobenzene	14,490	1.00	0.750 ^g	U	U	C23112917.D
1,4-Dichlorobenzene	14,490	1.00	0.750 ^g	U	U	C23112917.D
1,2-Dichlorobenzene	14,490	1.00	0.750 ^g	U	U	C23112917.D
1,2,4-Trichlorobenzene	14,490	1.00	0.390 ^g	U	U	C23112917.D
Naphthalene	14,490	1.00	0.800	U	U	C23112917.D
1,2,3-Trichlorobenzene	14,490	1.00	0.390 ^g	U	U	C23112917.D
2-Methylnaphthalene	14,490	1.00	0.760 ^g	U	U	C23112917.D
TPH C5-C8	14,490	1.00	0.590	U	U	C23112917.D
TPH C9-C15	14,490	1.00	0.690	U	U	C23112917.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-13 **Sample Name:** 06R_SG_13_20231120

Vinyl Chloride	14,487	1.00	0.810	U	U	C23112918.D
1,1-Dichloroethene	14,487	1.00	0.330	U	U	C23112918.D
Methylene Chloride	14,487	1.00	0.350 ^g	U	U	C23112918.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,487	1.00	0.890 ^g	U	U	C23112918.D
trans-1,2-Dichloroethene	14,487	1.00	0.440	U	U	C23112918.D
Methyl-t-butyl ether	14,487	1.00	0.500 ^g	U	U	C23112918.D
1,1-Dichloroethane	14,487	1.00	0.850	U	U	C23112918.D
cis-1,2-Dichloroethene	14,487	1.00	0.530	U	U	C23112918.D
Chloroform	14,487	1.00	0.350 ^g	U	U	C23112918.D
1,2-Dichloroethane	14,487	1.00	0.560	U	U	C23112918.D
1,1,1-Trichloroethane	14,487	1.00	1.050	U	U	C23112918.D
Carbon Tetrachloride	14,487	1.00	0.430 ^g	U	U	C23112918.D
Benzene	14,487	1.00	0.530	U	U	C23112918.D
Trichloroethene	14,487	1.00	0.330	U	U	C23112918.D
1,4-Dioxane	14,487	1.00	0.410 ^g	U	U	C23112918.D
1,1,2-Trichloroethane	14,487	1.00	0.330 ^g	U	U	C23112918.D
Toluene	14,487	1.00	0.400	U	U	C23112918.D
1,2-Dibromoethane (EDB)	14,487	1.00	0.390 ^g	U	U	C23112918.D
Tetrachloroethene	14,487	1.00	0.410	16.68	2.81	C23112918.D
1,1,1,2-Tetrachloroethane	14,487	1.00	0.410 ^g	U	U	C23112918.D
Chlorobenzene	14,487	1.00	0.850 ^g	U	U	C23112918.D
Ethylbenzene	14,487	1.00	0.850	U	U	C23112918.D
p & m-Xylene	14,487	1.00	0.880	U	U	C23112918.D
o-Xylene	14,487	1.00	0.880	U	U	C23112918.D
1,2,3-Trichloropropane	14,487	1.00	0.750 ^g	U	U	C23112918.D
Isopropylbenzene	14,487	1.00	0.830 ^g	U	U	C23112918.D
1,3,5-Trimethylbenzene	14,487	1.00	0.830 ^g	U	U	C23112918.D
1,2,4-Trimethylbenzene	14,487	1.00	0.830 ^g	U	U	C23112918.D
1,3-Dichlorobenzene	14,487	1.00	0.750 ^g	U	U	C23112918.D
1,4-Dichlorobenzene	14,487	1.00	0.750 ^g	U	U	C23112918.D
1,2-Dichlorobenzene	14,487	1.00	0.750 ^g	U	U	C23112918.D
1,2,4-Trichlorobenzene	14,487	1.00	0.390 ^g	U	U	C23112918.D
Naphthalene	14,487	1.00	0.800 ^g	U	U	C23112918.D
1,2,3-Trichlorobenzene	14,487	1.00	0.390 ^g	U	U	C23112918.D
2-Methylnaphthalene	14,487	1.00	0.760 ^g	U	U	C23112918.D
TPH C5-C8	14,487	1.00	0.590	U	U	C23112918.D
TPH C9-C15	14,487	1.00	0.690	U	U	C23112918.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-14 **Sample Name:** 06R_SG_14_20231120

Vinyl Chloride	14,470	1.00	0.810	U	U	C23112919.D
1,1-Dichloroethene	14,470	1.00	0.330	U	U	C23112919.D
Methylene Chloride	14,470	1.00	0.350 ^g	U	U	C23112919.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,470	1.00	0.890 ^g	U	U	C23112919.D
trans-1,2-Dichloroethene	14,470	1.00	0.440	U	U	C23112919.D
Methyl-t-butyl ether	14,470	1.00	0.500 ^g	U	U	C23112919.D
1,1-Dichloroethane	14,470	1.00	0.850	U	U	C23112919.D
cis-1,2-Dichloroethene	14,470	1.00	0.530	U	U	C23112919.D
Chloroform	14,470	1.00	0.350 ^g	U	U	C23112919.D
1,2-Dichloroethane	14,470	1.00	0.560	U	U	C23112919.D
1,1,1-Trichloroethane	14,470	1.00	1.050	U	U	C23112919.D
Carbon Tetrachloride	14,470	1.00	0.430 ^g	U	U	C23112919.D
Benzene	14,470	1.00	0.530	U	U	C23112919.D
Trichloroethene	14,470	1.00	0.330	U	U	C23112919.D
1,4-Dioxane	14,470	1.00	0.410 ^g	U	U	C23112919.D
1,1,2-Trichloroethane	14,470	1.00	0.330 ^g	U	U	C23112919.D
Toluene	14,470	1.00	0.400	U	U	C23112919.D
1,2-Dibromoethane (EDB)	14,470	1.00	0.390 ^g	U	U	C23112919.D
Tetrachloroethene	14,470	1.00	0.410	U	U	C23112919.D
1,1,1,2-Tetrachloroethane	14,470	1.00	0.410 ^g	U	U	C23112919.D
Chlorobenzene	14,470	1.00	0.850 ^g	U	U	C23112919.D
Ethylbenzene	14,470	1.00	0.850	U	U	C23112919.D
p & m-Xylene	14,470	1.00	0.880	U	U	C23112919.D
o-Xylene	14,470	1.00	0.880	U	U	C23112919.D
1,2,3-Trichloropropane	14,470	1.00	0.750 ^g	U	U	C23112919.D
Isopropylbenzene	14,470	1.00	0.830 ^g	U	U	C23112919.D
1,3,5-Trimethylbenzene	14,470	1.00	0.830 ^g	U	U	C23112919.D
1,2,4-Trimethylbenzene	14,470	1.00	0.830 ^g	U	U	C23112919.D
1,3-Dichlorobenzene	14,470	1.00	0.750 ^g	U	U	C23112919.D
1,4-Dichlorobenzene	14,470	1.00	0.750 ^g	U	U	C23112919.D
1,2-Dichlorobenzene	14,470	1.00	0.750 ^g	U	U	C23112919.D
1,2,4-Trichlorobenzene	14,470	1.00	0.390 ^g	U	U	C23112919.D
Naphthalene	14,470	1.00	0.800	U	U	C23112919.D
1,2,3-Trichlorobenzene	14,470	1.00	0.390 ^g	U	U	C23112919.D
2-Methylnaphthalene	14,470	1.00	0.760 ^g	U	U	C23112919.D
TPH C5-C8	14,470	1.00	0.590	U	U	C23112919.D
TPH C9-C15	14,470	1.00	0.690	U	U	C23112919.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-15

Sample Name: 06R_SG_15_20231120

Vinyl Chloride	14,480	1.00	0.810	U	U	C23112920.D
1,1-Dichloroethene	14,480	1.00	0.330	U	U	C23112920.D
Methylene Chloride	14,480	1.00	0.350 ^g	U	U	C23112920.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,480	1.00	0.890 ^g	U	U	C23112920.D
trans-1,2-Dichloroethene	14,480	1.00	0.440	U	U	C23112920.D
Methyl-t-butyl ether	14,480	1.00	0.500 ^g	U	U	C23112920.D
1,1-Dichloroethane	14,480	1.00	0.850	U	U	C23112920.D
cis-1,2-Dichloroethene	14,480	1.00	0.530	U	U	C23112920.D
Chloroform	14,480	1.00	0.350 ^g	U	U	C23112920.D
1,2-Dichloroethane	14,480	1.00	0.560	U	U	C23112920.D
1,1,1-Trichloroethane	14,480	1.00	1.050	U	U	C23112920.D
Carbon Tetrachloride	14,480	1.00	0.430 ^g	U	U	C23112920.D
Benzene	14,480	1.00	0.530	U	U	C23112920.D
Trichloroethene	14,480	1.00	0.330	U	U	C23112920.D
1,4-Dioxane	14,480	1.00	0.410 ^g	U	U	C23112920.D
1,1,2-Trichloroethane	14,480	1.00	0.330 ^g	U	U	C23112920.D
Toluene	14,480	1.00	0.400	U	U	C23112920.D
1,2-Dibromoethane (EDB)	14,480	1.00	0.390 ^g	U	U	C23112920.D
Tetrachloroethene	14,480	1.00	0.410	U	U	C23112920.D
1,1,1,2-Tetrachloroethane	14,480	1.00	0.410 ^g	U	U	C23112920.D
Chlorobenzene	14,480	1.00	0.850 ^g	U	U	C23112920.D
Ethylbenzene	14,480	1.00	0.850	U	U	C23112920.D
p & m-Xylene	14,480	1.00	0.880	U	U	C23112920.D
o-Xylene	14,480	1.00	0.880	U	U	C23112920.D
1,2,3-Trichloropropane	14,480	1.00	0.750 ^g	U	U	C23112920.D
Isopropylbenzene	14,480	1.00	0.830 ^g	U	U	C23112920.D
1,3,5-Trimethylbenzene	14,480	1.00	0.830 ^g	U	U	C23112920.D
1,2,4-Trimethylbenzene	14,480	1.00	0.830 ^g	U	U	C23112920.D
1,3-Dichlorobenzene	14,480	1.00	0.750 ^g	U	U	C23112920.D
1,4-Dichlorobenzene	14,480	1.00	0.750 ^g	U	U	C23112920.D
1,2-Dichlorobenzene	14,480	1.00	0.750 ^g	U	U	C23112920.D
1,2,4-Trichlorobenzene	14,480	1.00	0.390 ^g	U	U	C23112920.D
Naphthalene	14,480	1.00	0.800 ^g	U	U	C23112920.D
1,2,3-Trichlorobenzene	14,480	1.00	0.390 ^g	U	U	C23112920.D
2-Methylnaphthalene	14,480	1.00	0.760 ^g	U	U	C23112920.D
TPH C5-C8	14,480	1.00	0.590	U	U	C23112920.D
TPH C9-C15	14,480	1.00	0.690	U	U	C23112920.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-16 **Sample Name:** 06R_SG_16_20231120

Vinyl Chloride	14,456	1.00	0.810	U	U	C23112921.D
1,1-Dichloroethene	14,456	1.00	0.330	U	U	C23112921.D
Methylene Chloride	14,456	1.00	0.350 ^g	U	U	C23112921.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,456	1.00	0.890 ^g	U	U	C23112921.D
trans-1,2-Dichloroethene	14,456	1.00	0.440	U	U	C23112921.D
Methyl-t-butyl ether	14,456	1.00	0.500 ^g	U	U	C23112921.D
1,1-Dichloroethane	14,456	1.00	0.850	U	U	C23112921.D
cis-1,2-Dichloroethene	14,456	1.00	0.530	U	U	C23112921.D
Chloroform	14,456	1.00	0.350 ^g	U	U	C23112921.D
1,2-Dichloroethane	14,456	1.00	0.560	U	U	C23112921.D
1,1,1-Trichloroethane	14,456	1.00	1.050	U	U	C23112921.D
Carbon Tetrachloride	14,456	1.00	0.430 ^g	U	U	C23112921.D
Benzene	14,456	1.00	0.530	U	U	C23112921.D
Trichloroethene	14,456	1.00	0.330	U	U	C23112921.D
1,4-Dioxane	14,456	1.00	0.410 ^g	U	U	C23112921.D
1,1,2-Trichloroethane	14,456	1.00	0.330 ^g	U	U	C23112921.D
Toluene	14,456	1.00	0.400	U	U	C23112921.D
1,2-Dibromoethane (EDB)	14,456	1.00	0.390 ^g	U	U	C23112921.D
Tetrachloroethene	14,456	1.00	0.410	U	U	C23112921.D
1,1,1,2-Tetrachloroethane	14,456	1.00	0.410 ^g	U	U	C23112921.D
Chlorobenzene	14,456	1.00	0.850 ^g	U	U	C23112921.D
Ethylbenzene	14,456	1.00	0.850	U	U	C23112921.D
p & m-Xylene	14,456	1.00	0.880	U	U	C23112921.D
o-Xylene	14,456	1.00	0.880	U	U	C23112921.D
1,2,3-Trichloropropane	14,456	1.00	0.750 ^g	U	U	C23112921.D
Isopropylbenzene	14,456	1.00	0.830 ^g	U	U	C23112921.D
1,3,5-Trimethylbenzene	14,456	1.00	0.830 ^g	U	U	C23112921.D
1,2,4-Trimethylbenzene	14,456	1.00	0.830 ^g	U	U	C23112921.D
1,3-Dichlorobenzene	14,456	1.00	0.750 ^g	U	U	C23112921.D
1,4-Dichlorobenzene	14,456	1.00	0.750 ^g	U	U	C23112921.D
1,2-Dichlorobenzene	14,456	1.00	0.750 ^g	U	U	C23112921.D
1,2,4-Trichlorobenzene	14,456	1.00	0.390 ^g	U	U	C23112921.D
Naphthalene	14,456	1.00	0.800 ^g	U	U	C23112921.D
1,2,3-Trichlorobenzene	14,456	1.00	0.390 ^g	U	U	C23112921.D
2-Methylnaphthalene	14,456	1.00	0.760 ^g	U	U	C23112921.D
TPH C5-C8	14,456	1.00	0.590	U	U	C23112921.D
TPH C9-C15	14,456	1.00	0.690	U	U	C23112921.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-17

Sample Name: 06R_SG_17_20231120

Vinyl Chloride	14,450	1.00	0.810	U	U	C23112922.D
1,1-Dichloroethene	14,450	1.00	0.330	U	U	C23112922.D
Methylene Chloride	14,450	1.00	0.350 [§]	U	U	C23112922.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,450	1.00	0.890 [§]	U	U	C23112922.D
trans-1,2-Dichloroethene	14,450	1.00	0.440	U	U	C23112922.D
Methyl-t-butyl ether	14,450	1.00	0.500 [§]	U	U	C23112922.D
1,1-Dichloroethane	14,450	1.00	0.850	U	U	C23112922.D
cis-1,2-Dichloroethene	14,450	1.00	0.530	U	U	C23112922.D
Chloroform	14,450	1.00	0.350 [§]	U	U	C23112922.D
1,2-Dichloroethane	14,450	1.00	0.560	U	U	C23112922.D
1,1,1-Trichloroethane	14,450	1.00	1.050	U	U	C23112922.D
Carbon Tetrachloride	14,450	1.00	0.430 [§]	U	U	C23112922.D
Benzene	14,450	1.00	0.530	U	U	C23112922.D
Trichloroethene	14,450	1.00	0.330	U	U	C23112922.D
1,4-Dioxane	14,450	1.00	0.410 [§]	U	U	C23112922.D
1,1,2-Trichloroethane	14,450	1.00	0.330 [§]	U	U	C23112922.D
Toluene	14,450	1.00	0.400	U	U	C23112922.D
1,2-Dibromoethane (EDB)	14,450	1.00	0.390 [§]	U	U	C23112922.D
Tetrachloroethene	14,450	1.00	0.410	50.76	8.57	C23112922.D
1,1,1,2-Tetrachloroethane	14,450	1.00	0.410 [§]	U	U	C23112922.D
Chlorobenzene	14,450	1.00	0.850 [§]	U	U	C23112922.D
Ethylbenzene	14,450	1.00	0.850	U	U	C23112922.D
p & m-Xylene	14,450	1.00	0.880	U	U	C23112922.D
o-Xylene	14,450	1.00	0.880	U	U	C23112922.D
1,2,3-Trichloropropane	14,450	1.00	0.750 [§]	U	U	C23112922.D
Isopropylbenzene	14,450	1.00	0.830 [§]	U	U	C23112922.D
1,3,5-Trimethylbenzene	14,450	1.00	0.830 [§]	U	U	C23112922.D
1,2,4-Trimethylbenzene	14,450	1.00	0.830 [§]	U	U	C23112922.D
1,3-Dichlorobenzene	14,450	1.00	0.750 [§]	U	U	C23112922.D
1,4-Dichlorobenzene	14,450	1.00	0.750 [§]	U	U	C23112922.D
1,2-Dichlorobenzene	14,450	1.00	0.750 [§]	U	U	C23112922.D
1,2,4-Trichlorobenzene	14,450	1.00	0.390 [§]	U	U	C23112922.D
Naphthalene	14,450	1.00	0.800 [§]	U	U	C23112922.D
1,2,3-Trichlorobenzene	14,450	1.00	0.390 [§]	U	U	C23112922.D
2-Methylnaphthalene	14,450	1.00	0.760 [§]	U	U	C23112922.D
TPH C5-C8	14,450	1.00	0.590	U	U	C23112922.D
TPH C9-C15	14,450	1.00	0.690	U	U	C23112922.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-18 **Sample Name:** 06R_SG_18_20231120

Vinyl Chloride	14,442	1.00	0.810	U	U	C23112923.D
1,1-Dichloroethene	14,442	1.00	0.330	U	U	C23112923.D
Methylene Chloride	14,442	1.00	0.350 ^g	U	U	C23112923.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,442	1.00	0.890 ^g	U	U	C23112923.D
trans-1,2-Dichloroethene	14,442	1.00	0.440	U	U	C23112923.D
Methyl-t-butyl ether	14,442	1.00	0.500 ^g	U	U	C23112923.D
1,1-Dichloroethane	14,442	1.00	0.850	U	U	C23112923.D
cis-1,2-Dichloroethene	14,442	1.00	0.530	27.78	3.63	C23112923.D
Chloroform	14,442	1.00	0.350 ^g	U	U	C23112923.D
1,2-Dichloroethane	14,442	1.00	0.560	U	U	C23112923.D
1,1,1-Trichloroethane	14,442	1.00	1.050	U	U	C23112923.D
Carbon Tetrachloride	14,442	1.00	0.430 ^g	U	U	C23112923.D
Benzene	14,442	1.00	0.530	38.85	5.08	C23112923.D
Trichloroethene	14,442	1.00	0.330	984.81	207	C23112923.D
1,4-Dioxane	14,442	1.00	0.410 ^g	U	U	C23112923.D
1,1,2-Trichloroethane	14,442	1.00	0.330 ^g	U	U	C23112923.D
Toluene	14,442	1.00	0.400	U	U	C23112923.D
1,2-Dibromoethane (EDB)	14,442	1.00	0.390 ^g	U	U	C23112923.D
Tetrachloroethene	14,442	1.00	0.410	8385.95	1,420	C23112923.D
1,1,1,2-Tetrachloroethane	14,442	1.00	0.410 ^g	U	U	C23112923.D
Chlorobenzene	14,442	1.00	0.850 ^g	U	U	C23112923.D
Ethylbenzene	14,442	1.00	0.850	U	U	C23112923.D
p & m-Xylene	14,442	1.00	0.880	U	U	C23112923.D
o-Xylene	14,442	1.00	0.880	U	U	C23112923.D
1,2,3-Trichloropropane	14,442	1.00	0.750 ^g	U	U	C23112923.D
Isopropylbenzene	14,442	1.00	0.830 ^g	U	U	C23112923.D
1,3,5-Trimethylbenzene	14,442	1.00	0.830 ^g	U	U	C23112923.D
1,2,4-Trimethylbenzene	14,442	1.00	0.830 ^g	U	U	C23112923.D
1,3-Dichlorobenzene	14,442	1.00	0.750 ^g	U	U	C23112923.D
1,4-Dichlorobenzene	14,442	1.00	0.750 ^g	U	U	C23112923.D
1,2-Dichlorobenzene	14,442	1.00	0.750 ^g	U	U	C23112923.D
1,2,4-Trichlorobenzene	14,442	1.00	0.390 ^g	U	U	C23112923.D
Naphthalene	14,442	1.00	0.800 ^g	U	U	C23112923.D
1,2,3-Trichlorobenzene	14,442	1.00	0.390 ^g	U	U	C23112923.D
2-Methylnaphthalene	14,442	1.00	0.760 ^g	U	U	C23112923.D
TPH C5-C8	14,442	1.00	0.590	U	U	C23112923.D
TPH C9-C15	14,442	1.00	0.690	U	U	C23112923.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-19 **Sample Name:** 06R_SG_19_20231120

Vinyl Chloride	14,432	1.00	0.810	U	U	C23112924.D
1,1-Dichloroethene	14,432	1.00	0.330	U	U	C23112924.D
Methylene Chloride	14,432	1.00	0.350 [§]	U	U	C23112924.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,432	1.00	0.890 [§]	U	U	C23112924.D
trans-1,2-Dichloroethene	14,432	1.00	0.440	U	U	C23112924.D
Methyl-t-butyl ether	14,432	1.00	0.500 [§]	U	U	C23112924.D
1,1-Dichloroethane	14,432	1.00	0.850	U	U	C23112924.D
cis-1,2-Dichloroethene	14,432	1.00	0.530	U	U	C23112924.D
Chloroform	14,432	1.00	0.350 [§]	U	U	C23112924.D
1,2-Dichloroethane	14,432	1.00	0.560	U	U	C23112924.D
1,1,1-Trichloroethane	14,432	1.00	1.050	U	U	C23112924.D
Carbon Tetrachloride	14,432	1.00	0.430 [§]	U	U	C23112924.D
Benzene	14,432	1.00	0.530	U	U	C23112924.D
Trichloroethene	14,432	1.00	0.330	U	U	C23112924.D
1,4-Dioxane	14,432	1.00	0.410 [§]	U	U	C23112924.D
1,1,2-Trichloroethane	14,432	1.00	0.330 [§]	U	U	C23112924.D
Toluene	14,432	1.00	0.400	U	U	C23112924.D
1,2-Dibromoethane (EDB)	14,432	1.00	0.390 [§]	U	U	C23112924.D
Tetrachloroethene	14,432	1.00	0.410	44.61	7.54	C23112924.D
1,1,1,2-Tetrachloroethane	14,432	1.00	0.410 [§]	U	U	C23112924.D
Chlorobenzene	14,432	1.00	0.850 [§]	U	U	C23112924.D
Ethylbenzene	14,432	1.00	0.850	U	U	C23112924.D
p & m-Xylene	14,432	1.00	0.880	U	U	C23112924.D
o-Xylene	14,432	1.00	0.880	U	U	C23112924.D
1,2,3-Trichloropropane	14,432	1.00	0.750 [§]	U	U	C23112924.D
Isopropylbenzene	14,432	1.00	0.830 [§]	U	U	C23112924.D
1,3,5-Trimethylbenzene	14,432	1.00	0.830 [§]	U	U	C23112924.D
1,2,4-Trimethylbenzene	14,432	1.00	0.830 [§]	U	U	C23112924.D
1,3-Dichlorobenzene	14,432	1.00	0.750 [§]	U	U	C23112924.D
1,4-Dichlorobenzene	14,432	1.00	0.750 [§]	U	U	C23112924.D
1,2-Dichlorobenzene	14,432	1.00	0.750 [§]	U	U	C23112924.D
1,2,4-Trichlorobenzene	14,432	1.00	0.390 [§]	U	U	C23112924.D
Naphthalene	14,432	1.00	0.800 [§]	U	U	C23112924.D
1,2,3-Trichlorobenzene	14,432	1.00	0.390 [§]	U	U	C23112924.D
2-Methylnaphthalene	14,432	1.00	0.760 [§]	U	U	C23112924.D
TPH C5-C8	14,432	1.00	0.590	U	U	C23112924.D
TPH C9-C15	14,432	1.00	0.690	U	U	C23112924.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-20

Sample Name: 06R_SG_20_20231120

Vinyl Chloride	14,423	1.00	0.810	U	U	C23112925.D
1,1-Dichloroethene	14,423	1.00	0.330	U	U	C23112925.D
Methylene Chloride	14,423	1.00	0.350 ^g	U	U	C23112925.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,423	1.00	0.890 ^g	U	U	C23112925.D
trans-1,2-Dichloroethene	14,423	1.00	0.440	U	U	C23112925.D
Methyl-t-butyl ether	14,423	1.00	0.500 ^g	U	U	C23112925.D
1,1-Dichloroethane	14,423	1.00	0.850	U	U	C23112925.D
cis-1,2-Dichloroethene	14,423	1.00	0.530	U	U	C23112925.D
Chloroform	14,423	1.00	0.350 ^g	U	U	C23112925.D
1,2-Dichloroethane	14,423	1.00	0.560	U	U	C23112925.D
1,1,1-Trichloroethane	14,423	1.00	1.050	U	U	C23112925.D
Carbon Tetrachloride	14,423	1.00	0.430 ^g	U	U	C23112925.D
Benzene	14,423	1.00	0.530	U	U	C23112925.D
Trichloroethene	14,423	1.00	0.330	U	U	C23112925.D
1,4-Dioxane	14,423	1.00	0.410 ^g	U	U	C23112925.D
1,1,2-Trichloroethane	14,423	1.00	0.330 ^g	U	U	C23112925.D
Toluene	14,423	1.00	0.400	U	U	C23112925.D
1,2-Dibromoethane (EDB)	14,423	1.00	0.390 ^g	U	U	C23112925.D
Tetrachloroethene	14,423	1.00	0.410	U	U	C23112925.D
1,1,1,2-Tetrachloroethane	14,423	1.00	0.410 ^g	U	U	C23112925.D
Chlorobenzene	14,423	1.00	0.850 ^g	U	U	C23112925.D
Ethylbenzene	14,423	1.00	0.850	U	U	C23112925.D
p & m-Xylene	14,423	1.00	0.880	U	U	C23112925.D
o-Xylene	14,423	1.00	0.880	U	U	C23112925.D
1,2,3-Trichloropropane	14,423	1.00	0.750 ^g	U	U	C23112925.D
Isopropylbenzene	14,423	1.00	0.830 ^g	U	U	C23112925.D
1,3,5-Trimethylbenzene	14,423	1.00	0.830 ^g	U	U	C23112925.D
1,2,4-Trimethylbenzene	14,423	1.00	0.830 ^g	U	U	C23112925.D
1,3-Dichlorobenzene	14,423	1.00	0.750 ^g	U	U	C23112925.D
1,4-Dichlorobenzene	14,423	1.00	0.750 ^g	U	U	C23112925.D
1,2-Dichlorobenzene	14,423	1.00	0.750 ^g	U	U	C23112925.D
1,2,4-Trichlorobenzene	14,423	1.00	0.390 ^g	U	U	C23112925.D
Naphthalene	14,423	1.00	0.800 ^g	U	U	C23112925.D
1,2,3-Trichlorobenzene	14,423	1.00	0.390 ^g	U	U	C23112925.D
2-Methylnaphthalene	14,423	1.00	0.760 ^g	U	U	C23112925.D
TPH C5-C8	14,423	1.00	0.590	U	U	C23112925.D
TPH C9-C15	14,423	1.00	0.690	U	U	C23112925.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-21 **Sample Name:** 06R_SG_21_20231120

Vinyl Chloride	14,390	1.00	0.810	U	U	C23112926.D
1,1-Dichloroethene	14,390	1.00	0.330	U	U	C23112926.D
Methylene Chloride	14,390	1.00	0.350 ^g	U	U	C23112926.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,390	1.00	0.890 ^g	U	U	C23112926.D
trans-1,2-Dichloroethene	14,390	1.00	0.440	U	U	C23112926.D
Methyl-t-butyl ether	14,390	1.00	0.500 ^g	U	U	C23112926.D
1,1-Dichloroethane	14,390	1.00	0.850	U	U	C23112926.D
cis-1,2-Dichloroethene	14,390	1.00	0.530	U	U	C23112926.D
Chloroform	14,390	1.00	0.350 ^g	U	U	C23112926.D
1,2-Dichloroethane	14,390	1.00	0.560	U	U	C23112926.D
1,1,1-Trichloroethane	14,390	1.00	1.050	U	U	C23112926.D
Carbon Tetrachloride	14,390	1.00	0.430 ^g	U	U	C23112926.D
Benzene	14,390	1.00	0.530	36.76	4.82	C23112926.D
Trichloroethene	14,390	1.00	0.330	U	U	C23112926.D
1,4-Dioxane	14,390	1.00	0.410 ^g	U	U	C23112926.D
1,1,2-Trichloroethane	14,390	1.00	0.330 ^g	U	U	C23112926.D
Toluene	14,390	1.00	0.400	U	U	C23112926.D
1,2-Dibromoethane (EDB)	14,390	1.00	0.390 ^g	U	U	C23112926.D
Tetrachloroethene	14,390	1.00	0.410	U	U	C23112926.D
1,1,1,2-Tetrachloroethane	14,390	1.00	0.410 ^g	U	U	C23112926.D
Chlorobenzene	14,390	1.00	0.850 ^g	U	U	C23112926.D
Ethylbenzene	14,390	1.00	0.850	U	U	C23112926.D
p & m-Xylene	14,390	1.00	0.880	U	U	C23112926.D
o-Xylene	14,390	1.00	0.880	U	U	C23112926.D
1,2,3-Trichloropropane	14,390	1.00	0.750 ^g	U	U	C23112926.D
Isopropylbenzene	14,390	1.00	0.830 ^g	U	U	C23112926.D
1,3,5-Trimethylbenzene	14,390	1.00	0.830 ^g	U	U	C23112926.D
1,2,4-Trimethylbenzene	14,390	1.00	0.830 ^g	U	U	C23112926.D
1,3-Dichlorobenzene	14,390	1.00	0.750 ^g	U	U	C23112926.D
1,4-Dichlorobenzene	14,390	1.00	0.750 ^g	U	U	C23112926.D
1,2-Dichlorobenzene	14,390	1.00	0.750 ^g	U	U	C23112926.D
1,2,4-Trichlorobenzene	14,390	1.00	0.390 ^g	U	U	C23112926.D
Naphthalene	14,390	1.00	0.800 ^g	U	U	C23112926.D
1,2,3-Trichlorobenzene	14,390	1.00	0.390 ^g	U	U	C23112926.D
2-Methylnaphthalene	14,390	1.00	0.760 ^g	U	U	C23112926.D
TPH C5-C8	14,390	1.00	0.590	U	U	C23112926.D
TPH C9-C15	14,390	1.00	0.690	U	U	C23112926.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-22 **Sample Name:** 06R_SG_22_20231120

Vinyl Chloride	14,382	1.00	0.810	U	U	C23112927.D
1,1-Dichloroethene	14,382	1.00	0.330	U	U	C23112927.D
Methylene Chloride	14,382	1.00	0.350 ^g	U	U	C23112927.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,382	1.00	0.890 ^g	U	U	C23112927.D
trans-1,2-Dichloroethene	14,382	1.00	0.440	U	U	C23112927.D
Methyl-t-butyl ether	14,382	1.00	0.500 ^g	U	U	C23112927.D
1,1-Dichloroethane	14,382	1.00	0.850	U	U	C23112927.D
cis-1,2-Dichloroethene	14,382	1.00	0.530	U	U	C23112927.D
Chloroform	14,382	1.00	0.350 ^g	U	U	C23112927.D
1,2-Dichloroethane	14,382	1.00	0.560	U	U	C23112927.D
1,1,1-Trichloroethane	14,382	1.00	1.050	U	U	C23112927.D
Carbon Tetrachloride	14,382	1.00	0.430 ^g	U	U	C23112927.D
Benzene	14,382	1.00	0.530	U	U	C23112927.D
Trichloroethene	14,382	1.00	0.330	U	U	C23112927.D
1,4-Dioxane	14,382	1.00	0.410 ^g	U	U	C23112927.D
1,1,2-Trichloroethane	14,382	1.00	0.330 ^g	U	U	C23112927.D
Toluene	14,382	1.00	0.400	U	U	C23112927.D
1,2-Dibromoethane (EDB)	14,382	1.00	0.390 ^g	U	U	C23112927.D
Tetrachloroethene	14,382	1.00	0.410	U	U	C23112927.D
1,1,1,2-Tetrachloroethane	14,382	1.00	0.410 ^g	U	U	C23112927.D
Chlorobenzene	14,382	1.00	0.850 ^g	U	U	C23112927.D
Ethylbenzene	14,382	1.00	0.850	U	U	C23112927.D
p & m-Xylene	14,382	1.00	0.880	U	U	C23112927.D
o-Xylene	14,382	1.00	0.880	U	U	C23112927.D
1,2,3-Trichloropropane	14,382	1.00	0.750 ^g	U	U	C23112927.D
Isopropylbenzene	14,382	1.00	0.830 ^g	U	U	C23112927.D
1,3,5-Trimethylbenzene	14,382	1.00	0.830 ^g	U	U	C23112927.D
1,2,4-Trimethylbenzene	14,382	1.00	0.830 ^g	U	U	C23112927.D
1,3-Dichlorobenzene	14,382	1.00	0.750 ^g	U	U	C23112927.D
1,4-Dichlorobenzene	14,382	1.00	0.750 ^g	U	U	C23112927.D
1,2-Dichlorobenzene	14,382	1.00	0.750 ^g	U	U	C23112927.D
1,2,4-Trichlorobenzene	14,382	1.00	0.390 ^g	U	U	C23112927.D
Naphthalene	14,382	1.00	0.800 ^g	U	U	C23112927.D
1,2,3-Trichlorobenzene	14,382	1.00	0.390 ^g	U	U	C23112927.D
2-Methylnaphthalene	14,382	1.00	0.760 ^g	U	U	C23112927.D
TPH C5-C8	14,382	1.00	0.590	U	U	C23112927.D
TPH C9-C15	14,382	1.00	0.690	U	U	C23112927.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-23 **Sample Name:** 06R_SG_23_20231120

Vinyl Chloride	14,365	1.00	0.810	U	U	C23112928.D
1,1-Dichloroethene	14,365	1.00	0.330	U	U	C23112928.D
Methylene Chloride	14,365	1.00	0.350 ^g	U	U	C23112928.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,365	1.00	0.890 ^g	U	U	C23112928.D
trans-1,2-Dichloroethene	14,365	1.00	0.440	U	U	C23112928.D
Methyl-t-butyl ether	14,365	1.00	0.500 ^g	U	U	C23112928.D
1,1-Dichloroethane	14,365	1.00	0.850	U	U	C23112928.D
cis-1,2-Dichloroethene	14,365	1.00	0.530	U	U	C23112928.D
Chloroform	14,365	1.00	0.350 ^g	U	U	C23112928.D
1,2-Dichloroethane	14,365	1.00	0.560	U	U	C23112928.D
1,1,1-Trichloroethane	14,365	1.00	1.050	U	U	C23112928.D
Carbon Tetrachloride	14,365	1.00	0.430 ^g	U	U	C23112928.D
Benzene	14,365	1.00	0.530	U	U	C23112928.D
Trichloroethene	14,365	1.00	0.330	U	U	C23112928.D
1,4-Dioxane	14,365	1.00	0.410 ^g	U	U	C23112928.D
1,1,2-Trichloroethane	14,365	1.00	0.330 ^g	U	U	C23112928.D
Toluene	14,365	1.00	0.400	U	U	C23112928.D
1,2-Dibromoethane (EDB)	14,365	1.00	0.390 ^g	U	U	C23112928.D
Tetrachloroethene	14,365	1.00	0.410	U	U	C23112928.D
1,1,1,2-Tetrachloroethane	14,365	1.00	0.410 ^g	U	U	C23112928.D
Chlorobenzene	14,365	1.00	0.850 ^g	U	U	C23112928.D
Ethylbenzene	14,365	1.00	0.850	U	U	C23112928.D
p & m-Xylene	14,365	1.00	0.880	U	U	C23112928.D
o-Xylene	14,365	1.00	0.880	U	U	C23112928.D
1,2,3-Trichloropropane	14,365	1.00	0.750 ^g	U	U	C23112928.D
Isopropylbenzene	14,365	1.00	0.830 ^g	U	U	C23112928.D
1,3,5-Trimethylbenzene	14,365	1.00	0.830 ^g	U	U	C23112928.D
1,2,4-Trimethylbenzene	14,365	1.00	0.830 ^g	U	U	C23112928.D
1,3-Dichlorobenzene	14,365	1.00	0.750 ^g	U	U	C23112928.D
1,4-Dichlorobenzene	14,365	1.00	0.750 ^g	U	U	C23112928.D
1,2-Dichlorobenzene	14,365	1.00	0.750 ^g	U	U	C23112928.D
1,2,4-Trichlorobenzene	14,365	1.00	0.390 ^g	U	U	C23112928.D
Naphthalene	14,365	1.00	0.800 ^g	U	U	C23112928.D
1,2,3-Trichlorobenzene	14,365	1.00	0.390 ^g	U	U	C23112928.D
2-Methylnaphthalene	14,365	1.00	0.760 ^g	U	U	C23112928.D
TPH C5-C8	14,365	1.00	0.590	U	U	C23112928.D
TPH C9-C15	14,365	1.00	0.690	U	U	C23112928.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-24 **Sample Name:** 06R_SG_24_20231120

Vinyl Chloride	14,358	1.00	0.810	U	U	C23112929.D
1,1-Dichloroethene	14,358	1.00	0.330	U	U	C23112929.D
Methylene Chloride	14,358	1.00	0.350 ^g	U	U	C23112929.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,358	1.00	0.890 ^g	U	U	C23112929.D
trans-1,2-Dichloroethene	14,358	1.00	0.440	U	U	C23112929.D
Methyl-t-butyl ether	14,358	1.00	0.500 ^g	U	U	C23112929.D
1,1-Dichloroethane	14,358	1.00	0.850	U	U	C23112929.D
cis-1,2-Dichloroethene	14,358	1.00	0.530	U	U	C23112929.D
Chloroform	14,358	1.00	0.350 ^g	U	U	C23112929.D
1,2-Dichloroethane	14,358	1.00	0.560	U	U	C23112929.D
1,1,1-Trichloroethane	14,358	1.00	1.050	U	U	C23112929.D
Carbon Tetrachloride	14,358	1.00	0.430 ^g	U	U	C23112929.D
Benzene	14,358	1.00	0.530	U	U	C23112929.D
Trichloroethene	14,358	1.00	0.330	U	U	C23112929.D
1,4-Dioxane	14,358	1.00	0.410 ^g	U	U	C23112929.D
1,1,2-Trichloroethane	14,358	1.00	0.330 ^g	U	U	C23112929.D
Toluene	14,358	1.00	0.400	U	U	C23112929.D
1,2-Dibromoethane (EDB)	14,358	1.00	0.390 ^g	U	U	C23112929.D
Tetrachloroethene	14,358	1.00	0.410	U	U	C23112929.D
1,1,1,2-Tetrachloroethane	14,358	1.00	0.410 ^g	U	U	C23112929.D
Chlorobenzene	14,358	1.00	0.850 ^g	U	U	C23112929.D
Ethylbenzene	14,358	1.00	0.850	U	U	C23112929.D
p & m-Xylene	14,358	1.00	0.880	U	U	C23112929.D
o-Xylene	14,358	1.00	0.880	U	U	C23112929.D
1,2,3-Trichloropropane	14,358	1.00	0.750 ^g	U	U	C23112929.D
Isopropylbenzene	14,358	1.00	0.830 ^g	U	U	C23112929.D
1,3,5-Trimethylbenzene	14,358	1.00	0.830 ^g	U	U	C23112929.D
1,2,4-Trimethylbenzene	14,358	1.00	0.830 ^g	U	U	C23112929.D
1,3-Dichlorobenzene	14,358	1.00	0.750 ^g	U	U	C23112929.D
1,4-Dichlorobenzene	14,358	1.00	0.750 ^g	U	U	C23112929.D
1,2-Dichlorobenzene	14,358	1.00	0.750 ^g	U	U	C23112929.D
1,2,4-Trichlorobenzene	14,358	1.00	0.390 ^g	U	U	C23112929.D
Naphthalene	14,358	1.00	0.800 ^g	U	U	C23112929.D
1,2,3-Trichlorobenzene	14,358	1.00	0.390 ^g	U	U	C23112929.D
2-Methylnaphthalene	14,358	1.00	0.760 ^g	U	U	C23112929.D
TPH C5-C8	14,358	1.00	0.590	U	U	C23112929.D
TPH C9-C15	14,358	1.00	0.690	U	U	C23112929.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-25 **Sample Name:** 06R_SG_25_20231120

Vinyl Chloride	14,345	1.00	0.810	U	U	C23112930.D
1,1-Dichloroethene	14,345	1.00	0.330	U	U	C23112930.D
Methylene Chloride	14,345	1.00	0.350 ^g	U	U	C23112930.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,345	1.00	0.890 ^g	U	U	C23112930.D
trans-1,2-Dichloroethene	14,345	1.00	0.440	U	U	C23112930.D
Methyl-t-butyl ether	14,345	1.00	0.500 ^g	U	U	C23112930.D
1,1-Dichloroethane	14,345	1.00	0.850	U	U	C23112930.D
cis-1,2-Dichloroethene	14,345	1.00	0.530	U	U	C23112930.D
Chloroform	14,345	1.00	0.350 ^g	U	U	C23112930.D
1,2-Dichloroethane	14,345	1.00	0.560	U	U	C23112930.D
1,1,1-Trichloroethane	14,345	1.00	1.050	U	U	C23112930.D
Carbon Tetrachloride	14,345	1.00	0.430 ^g	U	U	C23112930.D
Benzene	14,345	1.00	0.530	U	U	C23112930.D
Trichloroethene	14,345	1.00	0.330	U	U	C23112930.D
1,4-Dioxane	14,345	1.00	0.410 ^g	U	U	C23112930.D
1,1,2-Trichloroethane	14,345	1.00	0.330 ^g	U	U	C23112930.D
Toluene	14,345	1.00	0.400	U	U	C23112930.D
1,2-Dibromoethane (EDB)	14,345	1.00	0.390 ^g	U	U	C23112930.D
Tetrachloroethene	14,345	1.00	0.410	U	U	C23112930.D
1,1,1,2-Tetrachloroethane	14,345	1.00	0.410 ^g	U	U	C23112930.D
Chlorobenzene	14,345	1.00	0.850 ^g	U	U	C23112930.D
Ethylbenzene	14,345	1.00	0.850	U	U	C23112930.D
p & m-Xylene	14,345	1.00	0.880	U	U	C23112930.D
o-Xylene	14,345	1.00	0.880	U	U	C23112930.D
1,2,3-Trichloropropane	14,345	1.00	0.750 ^g	U	U	C23112930.D
Isopropylbenzene	14,345	1.00	0.830 ^g	U	U	C23112930.D
1,3,5-Trimethylbenzene	14,345	1.00	0.830 ^g	U	U	C23112930.D
1,2,4-Trimethylbenzene	14,345	1.00	0.830 ^g	U	U	C23112930.D
1,3-Dichlorobenzene	14,345	1.00	0.750 ^g	U	U	C23112930.D
1,4-Dichlorobenzene	14,345	1.00	0.750 ^g	U	U	C23112930.D
1,2-Dichlorobenzene	14,345	1.00	0.750 ^g	U	U	C23112930.D
1,2,4-Trichlorobenzene	14,345	1.00	0.390 ^g	U	U	C23112930.D
Naphthalene	14,345	1.00	0.800 ^g	U	U	C23112930.D
1,2,3-Trichlorobenzene	14,345	1.00	0.390 ^g	U	U	C23112930.D
2-Methylnaphthalene	14,345	1.00	0.760 ^g	U	U	C23112930.D
TPH C5-C8	14,345	1.00	0.590	U	U	C23112930.D
TPH C9-C15	14,345	1.00	0.690	U	U	C23112930.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-26

Sample Name: 06R_SG_26_20231120

Vinyl Chloride	14,313	1.00	0.810	U	U	C23112931.D
1,1-Dichloroethene	14,313	1.00	0.330	U	U	C23112931.D
Methylene Chloride	14,313	1.00	0.350 ^g	U	U	C23112931.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,313	1.00	0.890 ^g	U	U	C23112931.D
trans-1,2-Dichloroethene	14,313	1.00	0.440	U	U	C23112931.D
Methyl-t-butyl ether	14,313	1.00	0.500 ^g	U	U	C23112931.D
1,1-Dichloroethane	14,313	1.00	0.850	U	U	C23112931.D
cis-1,2-Dichloroethene	14,313	1.00	0.530	U	U	C23112931.D
Chloroform	14,313	1.00	0.350 ^g	U	U	C23112931.D
1,2-Dichloroethane	14,313	1.00	0.560	U	U	C23112931.D
1,1,1-Trichloroethane	14,313	1.00	1.050	U	U	C23112931.D
Carbon Tetrachloride	14,313	1.00	0.430 ^g	U	U	C23112931.D
Benzene	14,313	1.00	0.530	U	U	C23112931.D
Trichloroethene	14,313	1.00	0.330	U	U	C23112931.D
1,4-Dioxane	14,313	1.00	0.410 ^g	U	U	C23112931.D
1,1,2-Trichloroethane	14,313	1.00	0.330 ^g	U	U	C23112931.D
Toluene	14,313	1.00	0.400	U	U	C23112931.D
1,2-Dibromoethane (EDB)	14,313	1.00	0.390 ^g	U	U	C23112931.D
Tetrachloroethene	14,313	1.00	0.410	U	U	C23112931.D
1,1,1,2-Tetrachloroethane	14,313	1.00	0.410 ^g	U	U	C23112931.D
Chlorobenzene	14,313	1.00	0.850 ^g	U	U	C23112931.D
Ethylbenzene	14,313	1.00	0.850	U	U	C23112931.D
p & m-Xylene	14,313	1.00	0.880	U	U	C23112931.D
o-Xylene	14,313	1.00	0.880	U	U	C23112931.D
1,2,3-Trichloropropane	14,313	1.00	0.750 ^g	U	U	C23112931.D
Isopropylbenzene	14,313	1.00	0.830 ^g	U	U	C23112931.D
1,3,5-Trimethylbenzene	14,313	1.00	0.830 ^g	U	U	C23112931.D
1,2,4-Trimethylbenzene	14,313	1.00	0.830 ^g	U	U	C23112931.D
1,3-Dichlorobenzene	14,313	1.00	0.750 ^g	U	U	C23112931.D
1,4-Dichlorobenzene	14,313	1.00	0.750 ^g	U	U	C23112931.D
1,2-Dichlorobenzene	14,313	1.00	0.750 ^g	U	U	C23112931.D
1,2,4-Trichlorobenzene	14,313	1.00	0.390 ^g	U	U	C23112931.D
Naphthalene	14,313	1.00	0.800 ^g	U	U	C23112931.D
1,2,3-Trichlorobenzene	14,313	1.00	0.390 ^g	U	U	C23112931.D
2-Methylnaphthalene	14,313	1.00	0.760 ^g	U	U	C23112931.D
TPH C5-C8	14,313	1.00	0.590	U	U	C23112931.D
TPH C9-C15	14,313	1.00	0.690	U	U	C23112931.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-27

Sample Name: 06R_SG_27_20231120

Vinyl Chloride	14,303	1.00	0.810	U	U	C23112932.D
1,1-Dichloroethene	14,303	1.00	0.330	U	U	C23112932.D
Methylene Chloride	14,303	1.00	0.350 ^g	U	U	C23112932.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,303	1.00	0.890 ^g	U	U	C23112932.D
trans-1,2-Dichloroethene	14,303	1.00	0.440	U	U	C23112932.D
Methyl-t-butyl ether	14,303	1.00	0.500 ^g	U	U	C23112932.D
1,1-Dichloroethane	14,303	1.00	0.850	U	U	C23112932.D
cis-1,2-Dichloroethene	14,303	1.00	0.530	U	U	C23112932.D
Chloroform	14,303	1.00	0.350 ^g	U	U	C23112932.D
1,2-Dichloroethane	14,303	1.00	0.560	U	U	C23112932.D
1,1,1-Trichloroethane	14,303	1.00	1.050	U	U	C23112932.D
Carbon Tetrachloride	14,303	1.00	0.430 ^g	U	U	C23112932.D
Benzene	14,303	1.00	0.530	U	U	C23112932.D
Trichloroethene	14,303	1.00	0.330	U	U	C23112932.D
1,4-Dioxane	14,303	1.00	0.410 ^g	U	U	C23112932.D
1,1,2-Trichloroethane	14,303	1.00	0.330 ^g	U	U	C23112932.D
Toluene	14,303	1.00	0.400	U	U	C23112932.D
1,2-Dibromoethane (EDB)	14,303	1.00	0.390 ^g	U	U	C23112932.D
Tetrachloroethene	14,303	1.00	0.410	U	U	C23112932.D
1,1,1,2-Tetrachloroethane	14,303	1.00	0.410 ^g	U	U	C23112932.D
Chlorobenzene	14,303	1.00	0.850 ^g	U	U	C23112932.D
Ethylbenzene	14,303	1.00	0.850	U	U	C23112932.D
p & m-Xylene	14,303	1.00	0.880	U	U	C23112932.D
o-Xylene	14,303	1.00	0.880	U	U	C23112932.D
1,2,3-Trichloropropane	14,303	1.00	0.750 ^g	U	U	C23112932.D
Isopropylbenzene	14,303	1.00	0.830 ^g	U	U	C23112932.D
1,3,5-Trimethylbenzene	14,303	1.00	0.830 ^g	U	U	C23112932.D
1,2,4-Trimethylbenzene	14,303	1.00	0.830 ^g	U	U	C23112932.D
1,3-Dichlorobenzene	14,303	1.00	0.750 ^g	U	U	C23112932.D
1,4-Dichlorobenzene	14,303	1.00	0.750 ^g	U	U	C23112932.D
1,2-Dichlorobenzene	14,303	1.00	0.750 ^g	U	U	C23112932.D
1,2,4-Trichlorobenzene	14,303	1.00	0.390 ^g	U	U	C23112932.D
Naphthalene	14,303	1.00	0.800 ^g	U	U	C23112932.D
1,2,3-Trichlorobenzene	14,303	1.00	0.390 ^g	U	U	C23112932.D
2-Methylnaphthalene	14,303	1.00	0.760 ^g	U	U	C23112932.D
TPH C5-C8	14,303	1.00	0.590	U	U	C23112932.D
TPH C9-C15	14,303	1.00	0.690	U	U	C23112932.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-28

Sample Name: 06R_SG_28_20231120

Vinyl Chloride	14,286	1.00	0.810	U	U	C23112933.D
1,1-Dichloroethene	14,286	1.00	0.330	U	U	C23112933.D
Methylene Chloride	14,286	1.00	0.350 ^g	U	U	C23112933.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,286	1.00	0.890 ^g	U	U	C23112933.D
trans-1,2-Dichloroethene	14,286	1.00	0.440	U	U	C23112933.D
Methyl-t-butyl ether	14,286	1.00	0.500 ^g	U	U	C23112933.D
1,1-Dichloroethane	14,286	1.00	0.850	U	U	C23112933.D
cis-1,2-Dichloroethene	14,286	1.00	0.530	U	U	C23112933.D
Chloroform	14,286	1.00	0.350 ^g	U	U	C23112933.D
1,2-Dichloroethane	14,286	1.00	0.560	U	U	C23112933.D
1,1,1-Trichloroethane	14,286	1.00	1.050	U	U	C23112933.D
Carbon Tetrachloride	14,286	1.00	0.430 ^g	U	U	C23112933.D
Benzene	14,286	1.00	0.530	U	U	C23112933.D
Trichloroethene	14,286	1.00	0.330	U	U	C23112933.D
1,4-Dioxane	14,286	1.00	0.410 ^g	U	U	C23112933.D
1,1,2-Trichloroethane	14,286	1.00	0.330 ^g	U	U	C23112933.D
Toluene	14,286	1.00	0.400	U	U	C23112933.D
1,2-Dibromoethane (EDB)	14,286	1.00	0.390 ^g	U	U	C23112933.D
Tetrachloroethene	14,286	1.00	0.410	U	U	C23112933.D
1,1,1,2-Tetrachloroethane	14,286	1.00	0.410 ^g	U	U	C23112933.D
Chlorobenzene	14,286	1.00	0.850 ^g	U	U	C23112933.D
Ethylbenzene	14,286	1.00	0.850	U	U	C23112933.D
p & m-Xylene	14,286	1.00	0.880	U	U	C23112933.D
o-Xylene	14,286	1.00	0.880	U	U	C23112933.D
1,2,3-Trichloropropane	14,286	1.00	0.750 ^g	U	U	C23112933.D
Isopropylbenzene	14,286	1.00	0.830 ^g	U	U	C23112933.D
1,3,5-Trimethylbenzene	14,286	1.00	0.830 ^g	U	U	C23112933.D
1,2,4-Trimethylbenzene	14,286	1.00	0.830 ^g	U	U	C23112933.D
1,3-Dichlorobenzene	14,286	1.00	0.750 ^g	U	U	C23112933.D
1,4-Dichlorobenzene	14,286	1.00	0.750 ^g	U	U	C23112933.D
1,2-Dichlorobenzene	14,286	1.00	0.750 ^g	U	U	C23112933.D
1,2,4-Trichlorobenzene	14,286	1.00	0.390 ^g	U	U	C23112933.D
Naphthalene	14,286	1.00	0.800 ^g	U	U	C23112933.D
1,2,3-Trichlorobenzene	14,286	1.00	0.390 ^g	U	U	C23112933.D
2-Methylnaphthalene	14,286	1.00	0.760 ^g	U	U	C23112933.D
TPH C5-C8	14,286	1.00	0.590	U	U	C23112933.D
TPH C9-C15	14,286	1.00	0.690	U	U	C23112933.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-29

Sample Name: 06R_SG_29_20231120

Vinyl Chloride	14,260	1.00	0.810	U	U	C23112934.D
1,1-Dichloroethene	14,260	1.00	0.330	U	U	C23112934.D
Methylene Chloride	14,260	1.00	0.350 ^g	U	U	C23112934.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,260	1.00	0.890 ^g	U	U	C23112934.D
trans-1,2-Dichloroethene	14,260	1.00	0.440	U	U	C23112934.D
Methyl-t-butyl ether	14,260	1.00	0.500 ^g	U	U	C23112934.D
1,1-Dichloroethane	14,260	1.00	0.850	U	U	C23112934.D
cis-1,2-Dichloroethene	14,260	1.00	0.530	U	U	C23112934.D
Chloroform	14,260	1.00	0.350 ^g	U	U	C23112934.D
1,2-Dichloroethane	14,260	1.00	0.560	U	U	C23112934.D
1,1,1-Trichloroethane	14,260	1.00	1.050	U	U	C23112934.D
Carbon Tetrachloride	14,260	1.00	0.430 ^g	U	U	C23112934.D
Benzene	14,260	1.00	0.530	U	U	C23112934.D
Trichloroethene	14,260	1.00	0.330	U	U	C23112934.D
1,4-Dioxane	14,260	1.00	0.410 ^g	U	U	C23112934.D
1,1,2-Trichloroethane	14,260	1.00	0.330 ^g	U	U	C23112934.D
Toluene	14,260	1.00	0.400	U	U	C23112934.D
1,2-Dibromoethane (EDB)	14,260	1.00	0.390 ^g	U	U	C23112934.D
Tetrachloroethene	14,260	1.00	0.410	U	U	C23112934.D
1,1,1,2-Tetrachloroethane	14,260	1.00	0.410 ^g	U	U	C23112934.D
Chlorobenzene	14,260	1.00	0.850 ^g	U	U	C23112934.D
Ethylbenzene	14,260	1.00	0.850	U	U	C23112934.D
p & m-Xylene	14,260	1.00	0.880	U	U	C23112934.D
o-Xylene	14,260	1.00	0.880	U	U	C23112934.D
1,2,3-Trichloropropane	14,260	1.00	0.750 ^g	U	U	C23112934.D
Isopropylbenzene	14,260	1.00	0.830 ^g	U	U	C23112934.D
1,3,5-Trimethylbenzene	14,260	1.00	0.830 ^g	U	U	C23112934.D
1,2,4-Trimethylbenzene	14,260	1.00	0.830 ^g	U	U	C23112934.D
1,3-Dichlorobenzene	14,260	1.00	0.750 ^g	U	U	C23112934.D
1,4-Dichlorobenzene	14,260	1.00	0.750 ^g	U	U	C23112934.D
1,2-Dichlorobenzene	14,260	1.00	0.750 ^g	U	U	C23112934.D
1,2,4-Trichlorobenzene	14,260	1.00	0.390 ^g	U	U	C23112934.D
Naphthalene	14,260	1.00	0.800 ^g	U	U	C23112934.D
1,2,3-Trichlorobenzene	14,260	1.00	0.390 ^g	U	U	C23112934.D
2-Methylnaphthalene	14,260	1.00	0.760 ^g	U	U	C23112934.D
TPH C5-C8	14,260	1.00	0.590	U	U	C23112934.D
TPH C9-C15	14,260	1.00	0.690	U	U	C23112934.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-30 **Sample Name:** 06R_SG_30_20231120

Vinyl Chloride	14,245	1.00	0.810	U	U	C23112935.D
1,1-Dichloroethene	14,245	1.00	0.330	U	U	C23112935.D
Methylene Chloride	14,245	1.00	0.350 [§]	U	U	C23112935.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,245	1.00	0.890 [§]	U	U	C23112935.D
trans-1,2-Dichloroethene	14,245	1.00	0.440	U	U	C23112935.D
Methyl-t-butyl ether	14,245	1.00	0.500 [§]	U	U	C23112935.D
1,1-Dichloroethane	14,245	1.00	0.850	U	U	C23112935.D
cis-1,2-Dichloroethene	14,245	1.00	0.530	U	U	C23112935.D
Chloroform	14,245	1.00	0.350 [§]	U	U	C23112935.D
1,2-Dichloroethane	14,245	1.00	0.560	U	U	C23112935.D
1,1,1-Trichloroethane	14,245	1.00	1.050	U	U	C23112935.D
Carbon Tetrachloride	14,245	1.00	0.430 [§]	U	U	C23112935.D
Benzene	14,245	1.00	0.530	U	U	C23112935.D
Trichloroethene	14,245	1.00	0.330	U	U	C23112935.D
1,4-Dioxane	14,245	1.00	0.410 [§]	U	U	C23112935.D
1,1,2-Trichloroethane	14,245	1.00	0.330 [§]	U	U	C23112935.D
Toluene	14,245	1.00	0.400	U	U	C23112935.D
1,2-Dibromoethane (EDB)	14,245	1.00	0.390 [§]	U	U	C23112935.D
Tetrachloroethene	14,245	1.00	0.410	U	U	C23112935.D
1,1,1,2-Tetrachloroethane	14,245	1.00	0.410 [§]	U	U	C23112935.D
Chlorobenzene	14,245	1.00	0.850 [§]	U	U	C23112935.D
Ethylbenzene	14,245	1.00	0.850	U	U	C23112935.D
p & m-Xylene	14,245	1.00	0.880	U	U	C23112935.D
o-Xylene	14,245	1.00	0.880	U	U	C23112935.D
1,2,3-Trichloropropane	14,245	1.00	0.750 [§]	U	U	C23112935.D
Isopropylbenzene	14,245	1.00	0.830 [§]	U	U	C23112935.D
1,3,5-Trimethylbenzene	14,245	1.00	0.830 [§]	U	U	C23112935.D
1,2,4-Trimethylbenzene	14,245	1.00	0.830 [§]	U	U	C23112935.D
1,3-Dichlorobenzene	14,245	1.00	0.750 [§]	U	U	C23112935.D
1,4-Dichlorobenzene	14,245	1.00	0.750 [§]	U	U	C23112935.D
1,2-Dichlorobenzene	14,245	1.00	0.750 [§]	U	U	C23112935.D
1,2,4-Trichlorobenzene	14,245	1.00	0.390 [§]	U	U	C23112935.D
Naphthalene	14,245	1.00	0.800 [§]	U	U	C23112935.D
1,2,3-Trichlorobenzene	14,245	1.00	0.390 [§]	U	U	C23112935.D
2-Methylnaphthalene	14,245	1.00	0.760 [§]	U	U	C23112935.D
TPH C5-C8	14,245	1.00	0.590	U	U	C23112935.D
TPH C9-C15	14,245	1.00	0.690	U	U	C23112935.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-31 **Sample Name:** 06R_SG_31_20231120

Vinyl Chloride	14,270	1.00	0.810	U	U	C23112936.D
1,1-Dichloroethene	14,270	1.00	0.330	U	U	C23112936.D
Methylene Chloride	14,270	1.00	0.350 [§]	U	U	C23112936.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,270	1.00	0.890 [§]	U	U	C23112936.D
trans-1,2-Dichloroethene	14,270	1.00	0.440	U	U	C23112936.D
Methyl-t-butyl ether	14,270	1.00	0.500 [§]	U	U	C23112936.D
1,1-Dichloroethane	14,270	1.00	0.850	U	U	C23112936.D
cis-1,2-Dichloroethene	14,270	1.00	0.530	U	U	C23112936.D
Chloroform	14,270	1.00	0.350 [§]	U	U	C23112936.D
1,2-Dichloroethane	14,270	1.00	0.560	U	U	C23112936.D
1,1,1-Trichloroethane	14,270	1.00	1.050	U	U	C23112936.D
Carbon Tetrachloride	14,270	1.00	0.430 [§]	U	U	C23112936.D
Benzene	14,270	1.00	0.530	U	U	C23112936.D
Trichloroethene	14,270	1.00	0.330	U	U	C23112936.D
1,4-Dioxane	14,270	1.00	0.410 [§]	U	U	C23112936.D
1,1,2-Trichloroethane	14,270	1.00	0.330 [§]	U	U	C23112936.D
Toluene	14,270	1.00	0.400	U	U	C23112936.D
1,2-Dibromoethane (EDB)	14,270	1.00	0.390 [§]	U	U	C23112936.D
Tetrachloroethene	14,270	1.00	0.410	U	U	C23112936.D
1,1,1,2-Tetrachloroethane	14,270	1.00	0.410 [§]	U	U	C23112936.D
Chlorobenzene	14,270	1.00	0.850 [§]	U	U	C23112936.D
Ethylbenzene	14,270	1.00	0.850	U	U	C23112936.D
p & m-Xylene	14,270	1.00	0.880	U	U	C23112936.D
o-Xylene	14,270	1.00	0.880	U	U	C23112936.D
1,2,3-Trichloropropane	14,270	1.00	0.750 [§]	U	U	C23112936.D
Isopropylbenzene	14,270	1.00	0.830 [§]	U	U	C23112936.D
1,3,5-Trimethylbenzene	14,270	1.00	0.830 [§]	U	U	C23112936.D
1,2,4-Trimethylbenzene	14,270	1.00	0.830 [§]	U	U	C23112936.D
1,3-Dichlorobenzene	14,270	1.00	0.750 [§]	U	U	C23112936.D
1,4-Dichlorobenzene	14,270	1.00	0.750 [§]	U	U	C23112936.D
1,2-Dichlorobenzene	14,270	1.00	0.750 [§]	U	U	C23112936.D
1,2,4-Trichlorobenzene	14,270	1.00	0.390 [§]	U	U	C23112936.D
Naphthalene	14,270	1.00	0.800 [§]	U	U	C23112936.D
1,2,3-Trichlorobenzene	14,270	1.00	0.390 [§]	U	U	C23112936.D
2-Methylnaphthalene	14,270	1.00	0.760 [§]	U	U	C23112936.D
TPH C5-C8	14,270	1.00	0.590	U	U	C23112936.D
TPH C9-C15	14,270	1.00	0.690	U	U	C23112936.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-32

Sample Name: 06R_SG_32_20231120

Vinyl Chloride	14,349	1.00	0.810	U	U	C23112937.D
1,1-Dichloroethene	14,349	1.00	0.330	U	U	C23112937.D
Methylene Chloride	14,349	1.00	0.350 [§]	U	U	C23112937.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,349	1.00	0.890 [§]	U	U	C23112937.D
trans-1,2-Dichloroethene	14,349	1.00	0.440	U	U	C23112937.D
Methyl-t-butyl ether	14,349	1.00	0.500 [§]	U	U	C23112937.D
1,1-Dichloroethane	14,349	1.00	0.850	U	U	C23112937.D
cis-1,2-Dichloroethene	14,349	1.00	0.530	U	U	C23112937.D
Chloroform	14,349	1.00	0.350 [§]	U	U	C23112937.D
1,2-Dichloroethane	14,349	1.00	0.560	U	U	C23112937.D
1,1,1-Trichloroethane	14,349	1.00	1.050	U	U	C23112937.D
Carbon Tetrachloride	14,349	1.00	0.430 [§]	U	U	C23112937.D
Benzene	14,349	1.00	0.530	U	U	C23112937.D
Trichloroethene	14,349	1.00	0.330	U	U	C23112937.D
1,4-Dioxane	14,349	1.00	0.410 [§]	U	U	C23112937.D
1,1,2-Trichloroethane	14,349	1.00	0.330 [§]	U	U	C23112937.D
Toluene	14,349	1.00	0.400	U	U	C23112937.D
1,2-Dibromoethane (EDB)	14,349	1.00	0.390 [§]	U	U	C23112937.D
Tetrachloroethene	14,349	1.00	0.410	U	U	C23112937.D
1,1,1,2-Tetrachloroethane	14,349	1.00	0.410 [§]	U	U	C23112937.D
Chlorobenzene	14,349	1.00	0.850 [§]	U	U	C23112937.D
Ethylbenzene	14,349	1.00	0.850	U	U	C23112937.D
p & m-Xylene	14,349	1.00	0.880	U	U	C23112937.D
o-Xylene	14,349	1.00	0.880	U	U	C23112937.D
1,2,3-Trichloropropane	14,349	1.00	0.750 [§]	U	U	C23112937.D
Isopropylbenzene	14,349	1.00	0.830 [§]	U	U	C23112937.D
1,3,5-Trimethylbenzene	14,349	1.00	0.830 [§]	U	U	C23112937.D
1,2,4-Trimethylbenzene	14,349	1.00	0.830 [§]	U	U	C23112937.D
1,3-Dichlorobenzene	14,349	1.00	0.750 [§]	U	U	C23112937.D
1,4-Dichlorobenzene	14,349	1.00	0.750 [§]	U	U	C23112937.D
1,2-Dichlorobenzene	14,349	1.00	0.750 [§]	U	U	C23112937.D
1,2,4-Trichlorobenzene	14,349	1.00	0.390 [§]	U	U	C23112937.D
Naphthalene	14,349	1.00	0.800	U	U	C23112937.D
1,2,3-Trichlorobenzene	14,349	1.00	0.390 [§]	U	U	C23112937.D
2-Methylnaphthalene	14,349	1.00	0.760 [§]	U	U	C23112937.D
TPH C5-C8	14,349	1.00	0.590	U	U	C23112937.D
TPH C9-C15	14,349	1.00	0.690	U	U	C23112937.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-33

Sample Name: 06R_SG_33_20231120

Vinyl Chloride	14,350	1.00	0.810	U	U	C23112938.D
1,1-Dichloroethene	14,350	1.00	0.330	U	U	C23112938.D
Methylene Chloride	14,350	1.00	0.350 [§]	U	U	C23112938.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,350	1.00	0.890 [§]	U	U	C23112938.D
trans-1,2-Dichloroethene	14,350	1.00	0.440	U	U	C23112938.D
Methyl-t-butyl ether	14,350	1.00	0.500 [§]	U	U	C23112938.D
1,1-Dichloroethane	14,350	1.00	0.850	U	U	C23112938.D
cis-1,2-Dichloroethene	14,350	1.00	0.530	U	U	C23112938.D
Chloroform	14,350	1.00	0.350 [§]	U	U	C23112938.D
1,2-Dichloroethane	14,350	1.00	0.560	U	U	C23112938.D
1,1,1-Trichloroethane	14,350	1.00	1.050	U	U	C23112938.D
Carbon Tetrachloride	14,350	1.00	0.430 [§]	U	U	C23112938.D
Benzene	14,350	1.00	0.530	U	U	C23112938.D
Trichloroethene	14,350	1.00	0.330	U	U	C23112938.D
1,4-Dioxane	14,350	1.00	0.410 [§]	U	U	C23112938.D
1,1,2-Trichloroethane	14,350	1.00	0.330 [§]	U	U	C23112938.D
Toluene	14,350	1.00	0.400	U	U	C23112938.D
1,2-Dibromoethane (EDB)	14,350	1.00	0.390 [§]	U	U	C23112938.D
Tetrachloroethene	14,350	1.00	0.410	U	U	C23112938.D
1,1,1,2-Tetrachloroethane	14,350	1.00	0.410 [§]	U	U	C23112938.D
Chlorobenzene	14,350	1.00	0.850 [§]	U	U	C23112938.D
Ethylbenzene	14,350	1.00	0.850	U	U	C23112938.D
p & m-Xylene	14,350	1.00	0.880	U	U	C23112938.D
o-Xylene	14,350	1.00	0.880	U	U	C23112938.D
1,2,3-Trichloropropane	14,350	1.00	0.750 [§]	U	U	C23112938.D
Isopropylbenzene	14,350	1.00	0.830 [§]	U	U	C23112938.D
1,3,5-Trimethylbenzene	14,350	1.00	0.830 [§]	U	U	C23112938.D
1,2,4-Trimethylbenzene	14,350	1.00	0.830 [§]	U	U	C23112938.D
1,3-Dichlorobenzene	14,350	1.00	0.750 [§]	U	U	C23112938.D
1,4-Dichlorobenzene	14,350	1.00	0.750 [§]	U	U	C23112938.D
1,2-Dichlorobenzene	14,350	1.00	0.750 [§]	U	U	C23112938.D
1,2,4-Trichlorobenzene	14,350	1.00	0.390 [§]	U	U	C23112938.D
Naphthalene	14,350	1.00	0.800 [§]	U	U	C23112938.D
1,2,3-Trichlorobenzene	14,350	1.00	0.390 [§]	U	U	C23112938.D
2-Methylnaphthalene	14,350	1.00	0.760 [§]	U	U	C23112938.D
TPH C5-C8	14,350	1.00	0.590	U	U	C23112938.D
TPH C9-C15	14,350	1.00	0.690	U	U	C23112938.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-34 **Sample Name:** 06R_SG_34_20231120

Vinyl Chloride	14,341	1.00	0.810	U	U	C23112939.D
1,1-Dichloroethene	14,341	1.00	0.330	U	U	C23112939.D
Methylene Chloride	14,341	1.00	0.350 [§]	U	U	C23112939.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,341	1.00	0.890 [§]	U	U	C23112939.D
trans-1,2-Dichloroethene	14,341	1.00	0.440	U	U	C23112939.D
Methyl-t-butyl ether	14,341	1.00	0.500 [§]	U	U	C23112939.D
1,1-Dichloroethane	14,341	1.00	0.850	U	U	C23112939.D
cis-1,2-Dichloroethene	14,341	1.00	0.530	U	U	C23112939.D
Chloroform	14,341	1.00	0.350 [§]	U	U	C23112939.D
1,2-Dichloroethane	14,341	1.00	0.560	U	U	C23112939.D
1,1,1-Trichloroethane	14,341	1.00	1.050	U	U	C23112939.D
Carbon Tetrachloride	14,341	1.00	0.430 [§]	U	U	C23112939.D
Benzene	14,341	1.00	0.530	U	U	C23112939.D
Trichloroethene	14,341	1.00	0.330	U	U	C23112939.D
1,4-Dioxane	14,341	1.00	0.410 [§]	U	U	C23112939.D
1,1,2-Trichloroethane	14,341	1.00	0.330 [§]	U	U	C23112939.D
Toluene	14,341	1.00	0.400	U	U	C23112939.D
1,2-Dibromoethane (EDB)	14,341	1.00	0.390 [§]	U	U	C23112939.D
Tetrachloroethene	14,341	1.00	0.410	U	U	C23112939.D
1,1,1,2-Tetrachloroethane	14,341	1.00	0.410 [§]	U	U	C23112939.D
Chlorobenzene	14,341	1.00	0.850 [§]	U	U	C23112939.D
Ethylbenzene	14,341	1.00	0.850	U	U	C23112939.D
p & m-Xylene	14,341	1.00	0.880	U	U	C23112939.D
o-Xylene	14,341	1.00	0.880	U	U	C23112939.D
1,2,3-Trichloropropane	14,341	1.00	0.750 [§]	U	U	C23112939.D
Isopropylbenzene	14,341	1.00	0.830 [§]	U	U	C23112939.D
1,3,5-Trimethylbenzene	14,341	1.00	0.830 [§]	U	U	C23112939.D
1,2,4-Trimethylbenzene	14,341	1.00	0.830 [§]	U	U	C23112939.D
1,3-Dichlorobenzene	14,341	1.00	0.750 [§]	U	U	C23112939.D
1,4-Dichlorobenzene	14,341	1.00	0.750 [§]	U	U	C23112939.D
1,2-Dichlorobenzene	14,341	1.00	0.750 [§]	U	U	C23112939.D
1,2,4-Trichlorobenzene	14,341	1.00	0.390 [§]	U	U	C23112939.D
Naphthalene	14,341	1.00	0.800 [§]	U	U	C23112939.D
1,2,3-Trichlorobenzene	14,341	1.00	0.390 [§]	U	U	C23112939.D
2-Methylnaphthalene	14,341	1.00	0.760 [§]	U	U	C23112939.D
TPH C5-C8	14,341	1.00	0.590	U	U	C23112939.D
TPH C9-C15	14,341	1.00	0.690	U	U	C23112939.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-35

Sample Name: 06R_SG_35_20231120

Vinyl Chloride	14,340	1.00	0.810	U	U	C23112940.D
1,1-Dichloroethene	14,340	1.00	0.330	U	U	C23112940.D
Methylene Chloride	14,340	1.00	0.350 [§]	U	U	C23112940.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,340	1.00	0.890 [§]	U	U	C23112940.D
trans-1,2-Dichloroethene	14,340	1.00	0.440	U	U	C23112940.D
Methyl-t-butyl ether	14,340	1.00	0.500 [§]	U	U	C23112940.D
1,1-Dichloroethane	14,340	1.00	0.850	U	U	C23112940.D
cis-1,2-Dichloroethene	14,340	1.00	0.530	U	U	C23112940.D
Chloroform	14,340	1.00	0.350 [§]	U	U	C23112940.D
1,2-Dichloroethane	14,340	1.00	0.560	U	U	C23112940.D
1,1,1-Trichloroethane	14,340	1.00	1.050	U	U	C23112940.D
Carbon Tetrachloride	14,340	1.00	0.430 [§]	U	U	C23112940.D
Benzene	14,340	1.00	0.530	U	U	C23112940.D
Trichloroethene	14,340	1.00	0.330	U	U	C23112940.D
1,4-Dioxane	14,340	1.00	0.410 [§]	U	U	C23112940.D
1,1,2-Trichloroethane	14,340	1.00	0.330 [§]	U	U	C23112940.D
Toluene	14,340	1.00	0.400	U	U	C23112940.D
1,2-Dibromoethane (EDB)	14,340	1.00	0.390 [§]	U	U	C23112940.D
Tetrachloroethene	14,340	1.00	0.410	U	U	C23112940.D
1,1,1,2-Tetrachloroethane	14,340	1.00	0.410 [§]	U	U	C23112940.D
Chlorobenzene	14,340	1.00	0.850 [§]	U	U	C23112940.D
Ethylbenzene	14,340	1.00	0.850	U	U	C23112940.D
p & m-Xylene	14,340	1.00	0.880	U	U	C23112940.D
o-Xylene	14,340	1.00	0.880	U	U	C23112940.D
1,2,3-Trichloropropane	14,340	1.00	0.750 [§]	U	U	C23112940.D
Isopropylbenzene	14,340	1.00	0.830 [§]	U	U	C23112940.D
1,3,5-Trimethylbenzene	14,340	1.00	0.830 [§]	U	U	C23112940.D
1,2,4-Trimethylbenzene	14,340	1.00	0.830 [§]	U	U	C23112940.D
1,3-Dichlorobenzene	14,340	1.00	0.750 [§]	U	U	C23112940.D
1,4-Dichlorobenzene	14,340	1.00	0.750 [§]	U	U	C23112940.D
1,2-Dichlorobenzene	14,340	1.00	0.750 [§]	U	U	C23112940.D
1,2,4-Trichlorobenzene	14,340	1.00	0.390 [§]	U	U	C23112940.D
Naphthalene	14,340	1.00	0.800 [§]	U	U	C23112940.D
1,2,3-Trichlorobenzene	14,340	1.00	0.390 [§]	U	U	C23112940.D
2-Methylnaphthalene	14,340	1.00	0.760 [§]	U	U	C23112940.D
TPH C5-C8	14,340	1.00	0.590	U	U	C23112940.D
TPH C9-C15	14,340	1.00	0.690	U	U	C23112940.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-36

Sample Name: 06R_SG_36_20231120

Vinyl Chloride	14,321	1.00	0.810	U	U	C23112941.D
1,1-Dichloroethene	14,321	1.00	0.330	U	U	C23112941.D
Methylene Chloride	14,321	1.00	0.350 ^g	U	U	C23112941.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,321	1.00	0.890 ^g	U	U	C23112941.D
trans-1,2-Dichloroethene	14,321	1.00	0.440	U	U	C23112941.D
Methyl-t-butyl ether	14,321	1.00	0.500 ^g	U	U	C23112941.D
1,1-Dichloroethane	14,321	1.00	0.850	U	U	C23112941.D
cis-1,2-Dichloroethene	14,321	1.00	0.530	U	U	C23112941.D
Chloroform	14,321	1.00	0.350 ^g	U	U	C23112941.D
1,2-Dichloroethane	14,321	1.00	0.560	U	U	C23112941.D
1,1,1-Trichloroethane	14,321	1.00	1.050	U	U	C23112941.D
Carbon Tetrachloride	14,321	1.00	0.430 ^g	U	U	C23112941.D
Benzene	14,321	1.00	0.530	29.14	3.84	C23112941.D
Trichloroethene	14,321	1.00	0.330	U	U	C23112941.D
1,4-Dioxane	14,321	1.00	0.410 ^g	U	U	C23112941.D
1,1,2-Trichloroethane	14,321	1.00	0.330 ^g	U	U	C23112941.D
Toluene	14,321	1.00	0.400	U	U	C23112941.D
1,2-Dibromoethane (EDB)	14,321	1.00	0.390 ^g	U	U	C23112941.D
Tetrachloroethene	14,321	1.00	0.410	U	U	C23112941.D
1,1,1,2-Tetrachloroethane	14,321	1.00	0.410 ^g	U	U	C23112941.D
Chlorobenzene	14,321	1.00	0.850 ^g	U	U	C23112941.D
Ethylbenzene	14,321	1.00	0.850	U	U	C23112941.D
p & m-Xylene	14,321	1.00	0.880	U	U	C23112941.D
o-Xylene	14,321	1.00	0.880	U	U	C23112941.D
1,2,3-Trichloropropane	14,321	1.00	0.750 ^g	U	U	C23112941.D
Isopropylbenzene	14,321	1.00	0.830 ^g	U	U	C23112941.D
1,3,5-Trimethylbenzene	14,321	1.00	0.830 ^g	U	U	C23112941.D
1,2,4-Trimethylbenzene	14,321	1.00	0.830 ^g	U	U	C23112941.D
1,3-Dichlorobenzene	14,321	1.00	0.750 ^g	U	U	C23112941.D
1,4-Dichlorobenzene	14,321	1.00	0.750 ^g	U	U	C23112941.D
1,2-Dichlorobenzene	14,321	1.00	0.750 ^g	U	U	C23112941.D
1,2,4-Trichlorobenzene	14,321	1.00	0.390 ^g	U	U	C23112941.D
Naphthalene	14,321	1.00	0.800 ^g	U	U	C23112941.D
1,2,3-Trichlorobenzene	14,321	1.00	0.390 ^g	U	U	C23112941.D
2-Methylnaphthalene	14,321	1.00	0.760 ^g	U	U	C23112941.D
TPH C5-C8	14,321	1.00	0.590	U	U	C23112941.D
TPH C9-C15	14,321	1.00	0.690	U	U	C23112941.D

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-37

Sample Name: 06R_SG_37_20231120

Vinyl Chloride	14,310	1.00	0.810	U	U	C23112942.D
1,1-Dichloroethene	14,310	1.00	0.330	U	U	C23112942.D
Methylene Chloride	14,310	1.00	0.350 ^g	U	U	C23112942.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,310	1.00	0.890 ^g	U	U	C23112942.D
trans-1,2-Dichloroethene	14,310	1.00	0.440	U	U	C23112942.D
Methyl-t-butyl ether	14,310	1.00	0.500 ^g	U	U	C23112942.D
1,1-Dichloroethane	14,310	1.00	0.850	U	U	C23112942.D
cis-1,2-Dichloroethene	14,310	1.00	0.530	U	U	C23112942.D
Chloroform	14,310	1.00	0.350 ^g	U	U	C23112942.D
1,2-Dichloroethane	14,310	1.00	0.560	U	U	C23112942.D
1,1,1-Trichloroethane	14,310	1.00	1.050	U	U	C23112942.D
Carbon Tetrachloride	14,310	1.00	0.430 ^g	U	U	C23112942.D
Benzene	14,310	1.00	0.530	28.93	3.81	C23112942.D
Trichloroethene	14,310	1.00	0.330	U	U	C23112942.D
1,4-Dioxane	14,310	1.00	0.410 ^g	U	U	C23112942.D
1,1,2-Trichloroethane	14,310	1.00	0.330 ^g	U	U	C23112942.D
Toluene	14,310	1.00	0.400	U	U	C23112942.D
1,2-Dibromoethane (EDB)	14,310	1.00	0.390 ^g	U	U	C23112942.D
Tetrachloroethene	14,310	1.00	0.410	U	U	C23112942.D
1,1,1,2-Tetrachloroethane	14,310	1.00	0.410 ^g	U	U	C23112942.D
Chlorobenzene	14,310	1.00	0.850 ^g	U	U	C23112942.D
Ethylbenzene	14,310	1.00	0.850	U	U	C23112942.D
p & m-Xylene	14,310	1.00	0.880	U	U	C23112942.D
o-Xylene	14,310	1.00	0.880	U	U	C23112942.D
1,2,3-Trichloropropane	14,310	1.00	0.750 ^g	U	U	C23112942.D
Isopropylbenzene	14,310	1.00	0.830 ^g	U	U	C23112942.D
1,3,5-Trimethylbenzene	14,310	1.00	0.830 ^g	U	U	C23112942.D
1,2,4-Trimethylbenzene	14,310	1.00	0.830 ^g	U	U	C23112942.D
1,3-Dichlorobenzene	14,310	1.00	0.750 ^g	U	U	C23112942.D
1,4-Dichlorobenzene	14,310	1.00	0.750 ^g	U	U	C23112942.D
1,2-Dichlorobenzene	14,310	1.00	0.750 ^g	U	U	C23112942.D
1,2,4-Trichlorobenzene	14,310	1.00	0.390 ^g	U	U	C23112942.D
Naphthalene	14,310	1.00	0.800	U	U	C23112942.D
1,2,3-Trichlorobenzene	14,310	1.00	0.390 ^g	U	U	C23112942.D
2-Methylnaphthalene	14,310	1.00	0.760 ^g	U	U	C23112942.D
TPH C5-C8	14,310	1.00	0.590	U	U	C23112942.D
TPH C9-C15	14,310	1.00	0.690	U	U	C23112942.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-38 **Sample Name:** 06R_SG_38_20231120

Vinyl Chloride	14,305	1.00	0.810	U	U	C23112943.D
1,1-Dichloroethene	14,305	1.00	0.330	U	U	C23112943.D
Methylene Chloride	14,305	1.00	0.350 ^g	U	U	C23112943.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,305	1.00	0.890 ^g	U	U	C23112943.D
trans-1,2-Dichloroethene	14,305	1.00	0.440	U	U	C23112943.D
Methyl-t-butyl ether	14,305	1.00	0.500 ^g	U	U	C23112943.D
1,1-Dichloroethane	14,305	1.00	0.850	U	U	C23112943.D
cis-1,2-Dichloroethene	14,305	1.00	0.530	U	U	C23112943.D
Chloroform	14,305	1.00	0.350 ^g	U	U	C23112943.D
1,2-Dichloroethane	14,305	1.00	0.560	U	U	C23112943.D
1,1,1-Trichloroethane	14,305	1.00	1.050	U	U	C23112943.D
Carbon Tetrachloride	14,305	1.00	0.430 ^g	U	U	C23112943.D
Benzene	14,305	1.00	0.530	34.55	4.56	C23112943.D
Trichloroethene	14,305	1.00	0.330	U	U	C23112943.D
1,4-Dioxane	14,305	1.00	0.410 ^g	U	U	C23112943.D
1,1,2-Trichloroethane	14,305	1.00	0.330 ^g	U	U	C23112943.D
Toluene	14,305	1.00	0.400	U	U	C23112943.D
1,2-Dibromoethane (EDB)	14,305	1.00	0.390 ^g	U	U	C23112943.D
Tetrachloroethene	14,305	1.00	0.410	122.28	20.8	C23112943.D
1,1,1,2-Tetrachloroethane	14,305	1.00	0.410 ^g	U	U	C23112943.D
Chlorobenzene	14,305	1.00	0.850 ^g	U	U	C23112943.D
Ethylbenzene	14,305	1.00	0.850	U	U	C23112943.D
p & m-Xylene	14,305	1.00	0.880	U	U	C23112943.D
o-Xylene	14,305	1.00	0.880	U	U	C23112943.D
1,2,3-Trichloropropane	14,305	1.00	0.750 ^g	U	U	C23112943.D
Isopropylbenzene	14,305	1.00	0.830 ^g	U	U	C23112943.D
1,3,5-Trimethylbenzene	14,305	1.00	0.830 ^g	U	U	C23112943.D
1,2,4-Trimethylbenzene	14,305	1.00	0.830 ^g	U	U	C23112943.D
1,3-Dichlorobenzene	14,305	1.00	0.750 ^g	U	U	C23112943.D
1,4-Dichlorobenzene	14,305	1.00	0.750 ^g	U	U	C23112943.D
1,2-Dichlorobenzene	14,305	1.00	0.750 ^g	U	U	C23112943.D
1,2,4-Trichlorobenzene	14,305	1.00	0.390 ^g	U	U	C23112943.D
Naphthalene	14,305	1.00	0.800 ^g	U	U	C23112943.D
1,2,3-Trichlorobenzene	14,305	1.00	0.390 ^g	U	U	C23112943.D
2-Methylnaphthalene	14,305	1.00	0.760 ^g	U	U	C23112943.D
TPH C5-C8	14,305	1.00	0.590	U	U	C23112943.D
TPH C9-C15	14,305	1.00	0.690	U	U	C23112943.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Sample Result Calculation Summary (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-39 **Sample Name:** 06R_SG_39_20231120

Vinyl Chloride	14,303	1.00	0.810	U	U	C23112944.D
1,1-Dichloroethene	14,303	1.00	0.330	U	U	C23112944.D
Methylene Chloride	14,303	1.00	0.350 ^g	U	U	C23112944.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,303	1.00	0.890 ^g	U	U	C23112944.D
trans-1,2-Dichloroethene	14,303	1.00	0.440	36.62	5.82	C23112944.D
Methyl-t-butyl ether	14,303	1.00	0.500 ^g	U	U	C23112944.D
1,1-Dichloroethane	14,303	1.00	0.850	U	U	C23112944.D
cis-1,2-Dichloroethene	14,303	1.00	0.530	102.37	13.5	C23112944.D
Chloroform	14,303	1.00	0.350 ^g	U	U	C23112944.D
1,2-Dichloroethane	14,303	1.00	0.560	U	U	C23112944.D
1,1,1-Trichloroethane	14,303	1.00	1.050	U	U	C23112944.D
Carbon Tetrachloride	14,303	1.00	0.430 ^g	U	U	C23112944.D
Benzene	14,303	1.00	0.530	U	U	C23112944.D
Trichloroethene	14,303	1.00	0.330	743.20	157	C23112944.D
1,4-Dioxane	14,303	1.00	0.410 ^g	U	U	C23112944.D
1,1,2-Trichloroethane	14,303	1.00	0.330 ^g	U	U	C23112944.D
Toluene	14,303	1.00	0.400	U	U	C23112944.D
1,2-Dibromoethane (EDB)	14,303	1.00	0.390 ^g	U	U	C23112944.D
Tetrachloroethene	14,303	1.00	0.410	3802.87	648	C23112944.D
1,1,1,2-Tetrachloroethane	14,303	1.00	0.410 ^g	U	U	C23112944.D
Chlorobenzene	14,303	1.00	0.850 ^g	U	U	C23112944.D
Ethylbenzene	14,303	1.00	0.850	U	U	C23112944.D
p & m-Xylene	14,303	1.00	0.880	U	U	C23112944.D
o-Xylene	14,303	1.00	0.880	U	U	C23112944.D
1,2,3-Trichloropropane	14,303	1.00	0.750 ^g	U	U	C23112944.D
Isopropylbenzene	14,303	1.00	0.830 ^g	U	U	C23112944.D
1,3,5-Trimethylbenzene	14,303	1.00	0.830 ^g	U	U	C23112944.D
1,2,4-Trimethylbenzene	14,303	1.00	0.830 ^g	U	U	C23112944.D
1,3-Dichlorobenzene	14,303	1.00	0.750 ^g	U	U	C23112944.D
1,4-Dichlorobenzene	14,303	1.00	0.750 ^g	U	U	C23112944.D
1,2-Dichlorobenzene	14,303	1.00	0.750 ^g	U	U	C23112944.D
1,2,4-Trichlorobenzene	14,303	1.00	0.390 ^g	U	U	C23112944.D
Naphthalene	14,303	1.00	0.800 ^g	U	U	C23112944.D
1,2,3-Trichlorobenzene	14,303	1.00	0.390 ^g	U	U	C23112944.D
2-Methylnaphthalene	14,303	1.00	0.760 ^g	U	U	C23112944.D
TPH C5-C8	14,303	1.00	0.590	U	U	C23112944.D
TPH C9-C15	14,303	1.00	0.690	U	U	C23112944.D

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m ³	File ID
---------	-------------------------------	--------------------------	---------------------	---------------------------	---	---------

Lab ID: 0007323-40 **Sample Name:** 06R_SG_40_20231120

Vinyl Chloride	14,300	1.00	0.810	U	U	C23112945.D
1,1-Dichloroethene	14,300	1.00	0.330	U	U	C23112945.D
Methylene Chloride	14,300	1.00	0.350 ^g	U	U	C23112945.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,300	1.00	0.890 ^g	U	U	C23112945.D
trans-1,2-Dichloroethene	14,300	1.00	0.440	U	U	C23112945.D
Methyl-t-butyl ether	14,300	1.00	0.500 ^g	U	U	C23112945.D
1,1-Dichloroethane	14,300	1.00	0.850	U	U	C23112945.D
cis-1,2-Dichloroethene	14,300	1.00	0.530	U	U	C23112945.D
Chloroform	14,300	1.00	0.350 ^g	U	U	C23112945.D
1,2-Dichloroethane	14,300	1.00	0.560	U	U	C23112945.D
1,1,1-Trichloroethane	14,300	1.00	1.050	U	U	C23112945.D
Carbon Tetrachloride	14,300	1.00	0.430 ^g	U	U	C23112945.D
Benzene	14,300	1.00	0.530	U	U	C23112945.D
Trichloroethene	14,300	1.00	0.330	U	U	C23112945.D
1,4-Dioxane	14,300	1.00	0.410 ^g	U	U	C23112945.D
1,1,2-Trichloroethane	14,300	1.00	0.330 ^g	U	U	C23112945.D
Toluene	14,300	1.00	0.400	U	U	C23112945.D
1,2-Dibromoethane (EDB)	14,300	1.00	0.390 ^g	U	U	C23112945.D
Tetrachloroethene	14,300	1.00	0.410	95.53	16.3	C23112945.D
1,1,1,2-Tetrachloroethane	14,300	1.00	0.410 ^g	U	U	C23112945.D
Chlorobenzene	14,300	1.00	0.850 ^g	U	U	C23112945.D
Ethylbenzene	14,300	1.00	0.850	U	U	C23112945.D
p & m-Xylene	14,300	1.00	0.880	U	U	C23112945.D
o-Xylene	14,300	1.00	0.880	U	U	C23112945.D
1,2,3-Trichloropropane	14,300	1.00	0.750 ^g	U	U	C23112945.D
Isopropylbenzene	14,300	1.00	0.830 ^g	U	U	C23112945.D
1,3,5-Trimethylbenzene	14,300	1.00	0.830 ^g	U	U	C23112945.D
1,2,4-Trimethylbenzene	14,300	1.00	0.830 ^g	U	U	C23112945.D
1,3-Dichlorobenzene	14,300	1.00	0.750 ^g	U	U	C23112945.D
1,4-Dichlorobenzene	14,300	1.00	0.750 ^g	U	U	C23112945.D
1,2-Dichlorobenzene	14,300	1.00	0.750 ^g	U	U	C23112945.D
1,2,4-Trichlorobenzene	14,300	1.00	0.390 ^g	U	U	C23112945.D
Naphthalene	14,300	1.00	0.800	U	U	C23112945.D
1,2,3-Trichlorobenzene	14,300	1.00	0.390 ^g	U	U	C23112945.D
2-Methylnaphthalene	14,300	1.00	0.760 ^g	U	U	C23112945.D
TPH C5-C8	14,300	1.00	0.590	U	U	C23112945.D
TPH C9-C15	14,300	1.00	0.690	U	U	C23112945.D

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Calculations:

$$C = \frac{1000 \times M \times DF}{U \times t}$$

where: C = concentration ($\mu\text{g}/\text{m}^3$)
M = mass (ng)
DF = dilution factor
t = sampling time (minutes)
U = compound specific uptake rate

U = Uptake rate determined using Graham's Law of Diffusion.

Reference: Federal Register/Vol. 79, No. 125/June 30, 2014

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-01

Sample Name: 06R_SG_01_20231120

Vinyl Chloride	15,725	1.00	0.810	10.0	0.79
1,1-Dichloroethene	15,725	1.00	0.330	10.0	1.93
Methylene Chloride	15,725	1.00	0.350 ^g	10.0	1.82
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,725	1.00	0.890 ^g	10.0	0.71
trans-1,2-Dichloroethene	15,725	1.00	0.440	10.0	1.45
Methyl-t-butyl ether	15,725	1.00	0.500 ^g	25.0	3.18
1,1-Dichloroethane	15,725	1.00	0.850	10.0	0.75
cis-1,2-Dichloroethene	15,725	1.00	0.530	10.0	1.20
Chloroform	15,725	1.00	0.350 ^g	10.0	1.82
1,2-Dichloroethane	15,725	1.00	0.560	10.0	1.14
1,1,1-Trichloroethane	15,725	1.00	1.050	10.0	0.61
Carbon Tetrachloride	15,725	1.00	0.430 ^g	10.0	1.48
Benzene	15,725	1.00	0.530	25.0	3.00
Trichloroethene	15,725	1.00	0.330	10.0	1.93
1,4-Dioxane	15,725	1.00	0.410 ^g	10.0	1.55
1,1,2-Trichloroethane	15,725	1.00	0.330 ^g	10.0	1.93
Toluene	15,725	1.00	0.400	25.0	3.97
1,2-Dibromoethane (EDB)	15,725	1.00	0.390 ^g	10.0	1.63
Tetrachloroethene	15,725	1.00	0.410	10.0	1.55
1,1,1,2-Tetrachloroethane	15,725	1.00	0.410 ^g	10.0	1.55
Chlorobenzene	15,725	1.00	0.850 ^g	10.0	0.75
Ethylbenzene	15,725	1.00	0.850	25.0	1.87
p & m-Xylene	15,725	1.00	0.880	25.0	1.81
o-Xylene	15,725	1.00	0.880	25.0	1.81
1,2,3-Trichloropropane	15,725	1.00	0.750 ^g	10.0	0.85
Isopropylbenzene	15,725	1.00	0.830 ^g	25.0	1.92
1,3,5-Trimethylbenzene	15,725	1.00	0.830 ^g	25.0	1.92
1,2,4-Trimethylbenzene	15,725	1.00	0.830 ^g	25.0	1.92
1,3-Dichlorobenzene	15,725	1.00	0.750 ^g	10.0	0.85
1,4-Dichlorobenzene	15,725	1.00	0.750 ^g	10.0	0.85
1,2-Dichlorobenzene	15,725	1.00	0.750 ^g	10.0	0.85
1,2,4-Trichlorobenzene	15,725	1.00	0.390 ^g	10.0	1.63
Naphthalene	15,725	1.00	0.800 ^g	25.0	1.99
1,2,3-Trichlorobenzene	15,725	1.00	0.390 ^g	10.0	1.63
2-Methylnaphthalene	15,725	1.00	0.760 ^g	25.0	2.09
TPH C5-C8	15,725	1.00	0.590	5,000.0	539
TPH C9-C15	15,725	1.00	0.690	5,000.0	461

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-02

Sample Name: 06R_SG_02_20231120

Vinyl Chloride	15,724	1.00	0.810	10.0	0.79
1,1-Dichloroethene	15,724	1.00	0.330	10.0	1.93
Methylene Chloride	15,724	1.00	0.350 ^g	10.0	1.82
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,724	1.00	0.890 ^g	10.0	0.71
trans-1,2-Dichloroethene	15,724	1.00	0.440	10.0	1.45
Methyl-t-butyl ether	15,724	1.00	0.500 ^g	25.0	3.18
1,1-Dichloroethane	15,724	1.00	0.850	10.0	0.75
cis-1,2-Dichloroethene	15,724	1.00	0.530	10.0	1.20
Chloroform	15,724	1.00	0.350 ^g	10.0	1.82
1,2-Dichloroethane	15,724	1.00	0.560	10.0	1.14
1,1,1-Trichloroethane	15,724	1.00	1.050	10.0	0.61
Carbon Tetrachloride	15,724	1.00	0.430 ^g	10.0	1.48
Benzene	15,724	1.00	0.530	25.0	3.00
Trichloroethene	15,724	1.00	0.330	10.0	1.93
1,4-Dioxane	15,724	1.00	0.410 ^g	10.0	1.55
1,1,2-Trichloroethane	15,724	1.00	0.330 ^g	10.0	1.93
Toluene	15,724	1.00	0.400	25.0	3.97
1,2-Dibromoethane (EDB)	15,724	1.00	0.390 ^g	10.0	1.63
Tetrachloroethene	15,724	1.00	0.410	10.0	1.55
1,1,1,2-Tetrachloroethane	15,724	1.00	0.410 ^g	10.0	1.55
Chlorobenzene	15,724	1.00	0.850 ^g	10.0	0.75
Ethylbenzene	15,724	1.00	0.850	25.0	1.87
p & m-Xylene	15,724	1.00	0.880	25.0	1.81
o-Xylene	15,724	1.00	0.880	25.0	1.81
1,2,3-Trichloropropane	15,724	1.00	0.750 ^g	10.0	0.85
Isopropylbenzene	15,724	1.00	0.830 ^g	25.0	1.92
1,3,5-Trimethylbenzene	15,724	1.00	0.830 ^g	25.0	1.92
1,2,4-Trimethylbenzene	15,724	1.00	0.830 ^g	25.0	1.92
1,3-Dichlorobenzene	15,724	1.00	0.750 ^g	10.0	0.85
1,4-Dichlorobenzene	15,724	1.00	0.750 ^g	10.0	0.85
1,2-Dichlorobenzene	15,724	1.00	0.750 ^g	10.0	0.85
1,2,4-Trichlorobenzene	15,724	1.00	0.390 ^g	10.0	1.63
Naphthalene	15,724	1.00	0.800 ^g	25.0	1.99
1,2,3-Trichlorobenzene	15,724	1.00	0.390 ^g	10.0	1.63
2-Methylnaphthalene	15,724	1.00	0.760 ^g	25.0	2.09
TPH C5-C8	15,724	1.00	0.590	5,000.0	539
TPH C9-C15	15,724	1.00	0.690	5,000.0	461

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-03

Sample Name: 06R_SG_03_20231120

Vinyl Chloride	15,720	1.00	0.810	10.0	0.79
1,1-Dichloroethene	15,720	1.00	0.330	10.0	1.93
Methylene Chloride	15,720	1.00	0.350 ^g	10.0	1.82
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,720	1.00	0.890 ^g	10.0	0.71
trans-1,2-Dichloroethene	15,720	1.00	0.440	10.0	1.45
Methyl-t-butyl ether	15,720	1.00	0.500 ^g	25.0	3.18
1,1-Dichloroethane	15,720	1.00	0.850	10.0	0.75
cis-1,2-Dichloroethene	15,720	1.00	0.530	10.0	1.20
Chloroform	15,720	1.00	0.350 ^g	10.0	1.82
1,2-Dichloroethane	15,720	1.00	0.560	10.0	1.14
1,1,1-Trichloroethane	15,720	1.00	1.050	10.0	0.61
Carbon Tetrachloride	15,720	1.00	0.430 ^g	10.0	1.48
Benzene	15,720	1.00	0.530	25.0	3.00
Trichloroethene	15,720	1.00	0.330	10.0	1.93
1,4-Dioxane	15,720	1.00	0.410 ^g	10.0	1.55
1,1,2-Trichloroethane	15,720	1.00	0.330 ^g	10.0	1.93
Toluene	15,720	1.00	0.400	25.0	3.98
1,2-Dibromoethane (EDB)	15,720	1.00	0.390 ^g	10.0	1.63
Tetrachloroethene	15,720	1.00	0.410	10.0	1.55
1,1,1,2-Tetrachloroethane	15,720	1.00	0.410 ^g	10.0	1.55
Chlorobenzene	15,720	1.00	0.850 ^g	10.0	0.75
Ethylbenzene	15,720	1.00	0.850	25.0	1.87
p & m-Xylene	15,720	1.00	0.880	25.0	1.81
o-Xylene	15,720	1.00	0.880	25.0	1.81
1,2,3-Trichloropropane	15,720	1.00	0.750 ^g	10.0	0.85
Isopropylbenzene	15,720	1.00	0.830 ^g	25.0	1.92
1,3,5-Trimethylbenzene	15,720	1.00	0.830 ^g	25.0	1.92
1,2,4-Trimethylbenzene	15,720	1.00	0.830 ^g	25.0	1.92
1,3-Dichlorobenzene	15,720	1.00	0.750 ^g	10.0	0.85
1,4-Dichlorobenzene	15,720	1.00	0.750 ^g	10.0	0.85
1,2-Dichlorobenzene	15,720	1.00	0.750 ^g	10.0	0.85
1,2,4-Trichlorobenzene	15,720	1.00	0.390 ^g	10.0	1.63
Naphthalene	15,720	1.00	0.800 ^g	25.0	1.99
1,2,3-Trichlorobenzene	15,720	1.00	0.390 ^g	10.0	1.63
2-Methylnaphthalene	15,720	1.00	0.760 ^g	25.0	2.09
TPH C5-C8	15,720	1.00	0.590	5,000.0	539
TPH C9-C15	15,720	1.00	0.690	5,000.0	461

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-04

Sample Name: 06R_SG_04_20231120

Vinyl Chloride	15,703	1.00	0.810	10.0	0.79
1,1-Dichloroethene	15,703	1.00	0.330	10.0	1.93
Methylene Chloride	15,703	1.00	0.350 ^g	10.0	1.82
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,703	1.00	0.890 ^g	10.0	0.72
trans-1,2-Dichloroethene	15,703	1.00	0.440	10.0	1.45
Methyl-t-butyl ether	15,703	1.00	0.500 ^g	25.0	3.18
1,1-Dichloroethane	15,703	1.00	0.850	10.0	0.75
cis-1,2-Dichloroethene	15,703	1.00	0.530	10.0	1.20
Chloroform	15,703	1.00	0.350 ^g	10.0	1.82
1,2-Dichloroethane	15,703	1.00	0.560	10.0	1.14
1,1,1-Trichloroethane	15,703	1.00	1.050	10.0	0.61
Carbon Tetrachloride	15,703	1.00	0.430 ^g	10.0	1.48
Benzene	15,703	1.00	0.530	25.0	3.00
Trichloroethene	15,703	1.00	0.330	10.0	1.93
1,4-Dioxane	15,703	1.00	0.410 ^g	10.0	1.55
1,1,2-Trichloroethane	15,703	1.00	0.330 ^g	10.0	1.93
Toluene	15,703	1.00	0.400	25.0	3.98
1,2-Dibromoethane (EDB)	15,703	1.00	0.390 ^g	10.0	1.63
Tetrachloroethene	15,703	1.00	0.410	10.0	1.55
1,1,1,2-Tetrachloroethane	15,703	1.00	0.410 ^g	10.0	1.55
Chlorobenzene	15,703	1.00	0.850 ^g	10.0	0.75
Ethylbenzene	15,703	1.00	0.850	25.0	1.87
p & m-Xylene	15,703	1.00	0.880	25.0	1.81
o-Xylene	15,703	1.00	0.880	25.0	1.81
1,2,3-Trichloropropane	15,703	1.00	0.750 ^g	10.0	0.85
Isopropylbenzene	15,703	1.00	0.830 ^g	25.0	1.92
1,3,5-Trimethylbenzene	15,703	1.00	0.830 ^g	25.0	1.92
1,2,4-Trimethylbenzene	15,703	1.00	0.830 ^g	25.0	1.92
1,3-Dichlorobenzene	15,703	1.00	0.750 ^g	10.0	0.85
1,4-Dichlorobenzene	15,703	1.00	0.750 ^g	10.0	0.85
1,2-Dichlorobenzene	15,703	1.00	0.750 ^g	10.0	0.85
1,2,4-Trichlorobenzene	15,703	1.00	0.390 ^g	10.0	1.63
Naphthalene	15,703	1.00	0.800 ^g	25.0	1.99
1,2,3-Trichlorobenzene	15,703	1.00	0.390 ^g	10.0	1.63
2-Methylnaphthalene	15,703	1.00	0.760 ^g	25.0	2.09
TPH C5-C8	15,703	1.00	0.590	5,000.0	540
TPH C9-C15	15,703	1.00	0.690	5,000.0	461

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-05

Sample Name: 06R_SG_05_20231120

Vinyl Chloride	15,698	1.00	0.810	10.0	0.79
1,1-Dichloroethene	15,698	1.00	0.330	10.0	1.93
Methylene Chloride	15,698	1.00	0.350 ^g	10.0	1.82
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,698	1.00	0.890 ^g	10.0	0.72
trans-1,2-Dichloroethene	15,698	1.00	0.440	10.0	1.45
Methyl-t-butyl ether	15,698	1.00	0.500 ^g	25.0	3.19
1,1-Dichloroethane	15,698	1.00	0.850	10.0	0.75
cis-1,2-Dichloroethene	15,698	1.00	0.530	10.0	1.20
Chloroform	15,698	1.00	0.350 ^g	10.0	1.82
1,2-Dichloroethane	15,698	1.00	0.560	10.0	1.14
1,1,1-Trichloroethane	15,698	1.00	1.050	10.0	0.61
Carbon Tetrachloride	15,698	1.00	0.430 ^g	10.0	1.48
Benzene	15,698	1.00	0.530	25.0	3.00
Trichloroethene	15,698	1.00	0.330	10.0	1.93
1,4-Dioxane	15,698	1.00	0.410 ^g	10.0	1.55
1,1,2-Trichloroethane	15,698	1.00	0.330 ^g	10.0	1.93
Toluene	15,698	1.00	0.400	25.0	3.98
1,2-Dibromoethane (EDB)	15,698	1.00	0.390 ^g	10.0	1.63
Tetrachloroethene	15,698	1.00	0.410	10.0	1.55
1,1,1,2-Tetrachloroethane	15,698	1.00	0.410 ^g	10.0	1.55
Chlorobenzene	15,698	1.00	0.850 ^g	10.0	0.75
Ethylbenzene	15,698	1.00	0.850	25.0	1.87
p & m-Xylene	15,698	1.00	0.880	25.0	1.81
o-Xylene	15,698	1.00	0.880	25.0	1.81
1,2,3-Trichloropropane	15,698	1.00	0.750 ^g	10.0	0.85
Isopropylbenzene	15,698	1.00	0.830 ^g	25.0	1.92
1,3,5-Trimethylbenzene	15,698	1.00	0.830 ^g	25.0	1.92
1,2,4-Trimethylbenzene	15,698	1.00	0.830 ^g	25.0	1.92
1,3-Dichlorobenzene	15,698	1.00	0.750 ^g	10.0	0.85
1,4-Dichlorobenzene	15,698	1.00	0.750 ^g	10.0	0.85
1,2-Dichlorobenzene	15,698	1.00	0.750 ^g	10.0	0.85
1,2,4-Trichlorobenzene	15,698	1.00	0.390 ^g	10.0	1.63
Naphthalene	15,698	1.00	0.800 ^g	25.0	1.99
1,2,3-Trichlorobenzene	15,698	1.00	0.390 ^g	10.0	1.63
2-Methylnaphthalene	15,698	1.00	0.760 ^g	25.0	2.10
TPH C5-C8	15,698	1.00	0.590	5,000.0	540
TPH C9-C15	15,698	1.00	0.690	5,000.0	462

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-06

Sample Name: 06R_SG_06_20231120

Vinyl Chloride	15,694	1.00	0.810	10.0	0.79
1,1-Dichloroethene	15,694	1.00	0.330	10.0	1.93
Methylene Chloride	15,694	1.00	0.350 ^g	10.0	1.82
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,694	1.00	0.890 ^g	10.0	0.72
trans-1,2-Dichloroethene	15,694	1.00	0.440	10.0	1.45
Methyl-t-butyl ether	15,694	1.00	0.500 ^g	25.0	3.19
1,1-Dichloroethane	15,694	1.00	0.850	10.0	0.75
cis-1,2-Dichloroethene	15,694	1.00	0.530	10.0	1.20
Chloroform	15,694	1.00	0.350 ^g	10.0	1.82
1,2-Dichloroethane	15,694	1.00	0.560	10.0	1.14
1,1,1-Trichloroethane	15,694	1.00	1.050	10.0	0.61
Carbon Tetrachloride	15,694	1.00	0.430 ^g	10.0	1.48
Benzene	15,694	1.00	0.530	25.0	3.01
Trichloroethene	15,694	1.00	0.330	10.0	1.93
1,4-Dioxane	15,694	1.00	0.410 ^g	10.0	1.55
1,1,2-Trichloroethane	15,694	1.00	0.330 ^g	10.0	1.93
Toluene	15,694	1.00	0.400	25.0	3.98
1,2-Dibromoethane (EDB)	15,694	1.00	0.390 ^g	10.0	1.63
Tetrachloroethene	15,694	1.00	0.410	10.0	1.55
1,1,1,2-Tetrachloroethane	15,694	1.00	0.410 ^g	10.0	1.55
Chlorobenzene	15,694	1.00	0.850 ^g	10.0	0.75
Ethylbenzene	15,694	1.00	0.850	25.0	1.87
p & m-Xylene	15,694	1.00	0.880	25.0	1.81
o-Xylene	15,694	1.00	0.880	25.0	1.81
1,2,3-Trichloropropane	15,694	1.00	0.750 ^g	10.0	0.85
Isopropylbenzene	15,694	1.00	0.830 ^g	25.0	1.92
1,3,5-Trimethylbenzene	15,694	1.00	0.830 ^g	25.0	1.92
1,2,4-Trimethylbenzene	15,694	1.00	0.830 ^g	25.0	1.92
1,3-Dichlorobenzene	15,694	1.00	0.750 ^g	10.0	0.85
1,4-Dichlorobenzene	15,694	1.00	0.750 ^g	10.0	0.85
1,2-Dichlorobenzene	15,694	1.00	0.750 ^g	10.0	0.85
1,2,4-Trichlorobenzene	15,694	1.00	0.390 ^g	10.0	1.63
Naphthalene	15,694	1.00	0.800 ^g	25.0	1.99
1,2,3-Trichlorobenzene	15,694	1.00	0.390 ^g	10.0	1.63
2-Methylnaphthalene	15,694	1.00	0.760 ^g	25.0	2.10
TPH C5-C8	15,694	1.00	0.590	5,000.0	540
TPH C9-C15	15,694	1.00	0.690	5,000.0	462

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-07 **Sample Name:** 06R_SG_07_20231120

Vinyl Chloride	15,685	1.00	0.810	10.0	0.79
1,1-Dichloroethene	15,685	1.00	0.330	10.0	1.93
Methylene Chloride	15,685	1.00	0.350 ^g	10.0	1.82
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,685	1.00	0.890 ^g	10.0	0.72
trans-1,2-Dichloroethene	15,685	1.00	0.440	10.0	1.45
Methyl-t-butyl ether	15,685	1.00	0.500 ^g	25.0	3.19
1,1-Dichloroethane	15,685	1.00	0.850	10.0	0.75
cis-1,2-Dichloroethene	15,685	1.00	0.530	10.0	1.20
Chloroform	15,685	1.00	0.350 ^g	10.0	1.82
1,2-Dichloroethane	15,685	1.00	0.560	10.0	1.14
1,1,1-Trichloroethane	15,685	1.00	1.050	10.0	0.61
Carbon Tetrachloride	15,685	1.00	0.430 ^g	10.0	1.48
Benzene	15,685	1.00	0.530	25.0	3.01
Trichloroethene	15,685	1.00	0.330	10.0	1.93
1,4-Dioxane	15,685	1.00	0.410 ^g	10.0	1.56
1,1,2-Trichloroethane	15,685	1.00	0.330 ^g	10.0	1.93
Toluene	15,685	1.00	0.400	25.0	3.98
1,2-Dibromoethane (EDB)	15,685	1.00	0.390 ^g	10.0	1.63
Tetrachloroethene	15,685	1.00	0.410	10.0	1.56
1,1,1,2-Tetrachloroethane	15,685	1.00	0.410 ^g	10.0	1.56
Chlorobenzene	15,685	1.00	0.850 ^g	10.0	0.75
Ethylbenzene	15,685	1.00	0.850	25.0	1.88
p & m-Xylene	15,685	1.00	0.880	25.0	1.81
o-Xylene	15,685	1.00	0.880	25.0	1.81
1,2,3-Trichloropropane	15,685	1.00	0.750 ^g	10.0	0.85
Isopropylbenzene	15,685	1.00	0.830 ^g	25.0	1.92
1,3,5-Trimethylbenzene	15,685	1.00	0.830 ^g	25.0	1.92
1,2,4-Trimethylbenzene	15,685	1.00	0.830 ^g	25.0	1.92
1,3-Dichlorobenzene	15,685	1.00	0.750 ^g	10.0	0.85
1,4-Dichlorobenzene	15,685	1.00	0.750 ^g	10.0	0.85
1,2-Dichlorobenzene	15,685	1.00	0.750 ^g	10.0	0.85
1,2,4-Trichlorobenzene	15,685	1.00	0.390 ^g	10.0	1.63
Naphthalene	15,685	1.00	0.800 ^g	25.0	1.99
1,2,3-Trichlorobenzene	15,685	1.00	0.390 ^g	10.0	1.63
2-Methylnaphthalene	15,685	1.00	0.760 ^g	25.0	2.10
TPH C5-C8	15,685	1.00	0.590	5,000.0	540
TPH C9-C15	15,685	1.00	0.690	5,000.0	462

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-08

Sample Name: 06R_SG_08_20231120

Vinyl Chloride	15,678	1.00	0.810	10.0	0.79
1,1-Dichloroethene	15,678	1.00	0.330	10.0	1.93
Methylene Chloride	15,678	1.00	0.350 ^g	10.0	1.82
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,678	1.00	0.890 ^g	10.0	0.72
trans-1,2-Dichloroethene	15,678	1.00	0.440	10.0	1.45
Methyl-t-butyl ether	15,678	1.00	0.500 ^g	25.0	3.19
1,1-Dichloroethane	15,678	1.00	0.850	10.0	0.75
cis-1,2-Dichloroethene	15,678	1.00	0.530	10.0	1.20
Chloroform	15,678	1.00	0.350 ^g	10.0	1.82
1,2-Dichloroethane	15,678	1.00	0.560	10.0	1.14
1,1,1-Trichloroethane	15,678	1.00	1.050	10.0	0.61
Carbon Tetrachloride	15,678	1.00	0.430 ^g	10.0	1.48
Benzene	15,678	1.00	0.530	25.0	3.01
Trichloroethene	15,678	1.00	0.330	10.0	1.93
1,4-Dioxane	15,678	1.00	0.410 ^g	10.0	1.56
1,1,2-Trichloroethane	15,678	1.00	0.330 ^g	10.0	1.93
Toluene	15,678	1.00	0.400	25.0	3.99
1,2-Dibromoethane (EDB)	15,678	1.00	0.390 ^g	10.0	1.64
Tetrachloroethene	15,678	1.00	0.410	10.0	1.56
1,1,1,2-Tetrachloroethane	15,678	1.00	0.410 ^g	10.0	1.56
Chlorobenzene	15,678	1.00	0.850 ^g	10.0	0.75
Ethylbenzene	15,678	1.00	0.850	25.0	1.88
p & m-Xylene	15,678	1.00	0.880	25.0	1.81
o-Xylene	15,678	1.00	0.880	25.0	1.81
1,2,3-Trichloropropane	15,678	1.00	0.750 ^g	10.0	0.85
Isopropylbenzene	15,678	1.00	0.830 ^g	25.0	1.92
1,3,5-Trimethylbenzene	15,678	1.00	0.830 ^g	25.0	1.92
1,2,4-Trimethylbenzene	15,678	1.00	0.830 ^g	25.0	1.92
1,3-Dichlorobenzene	15,678	1.00	0.750 ^g	10.0	0.85
1,4-Dichlorobenzene	15,678	1.00	0.750 ^g	10.0	0.85
1,2-Dichlorobenzene	15,678	1.00	0.750 ^g	10.0	0.85
1,2,4-Trichlorobenzene	15,678	1.00	0.390 ^g	10.0	1.64
Naphthalene	15,678	1.00	0.800 ^g	25.0	1.99
1,2,3-Trichlorobenzene	15,678	1.00	0.390 ^g	10.0	1.64
2-Methylnaphthalene	15,678	1.00	0.760 ^g	25.0	2.10
TPH C5-C8	15,678	1.00	0.590	5,000.0	541
TPH C9-C15	15,678	1.00	0.690	5,000.0	462

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-09 **Sample Name:** 06R_SG_09_20231120

Vinyl Chloride	15,670	1.00	0.810	10.0	0.79
1,1-Dichloroethene	15,670	1.00	0.330	10.0	1.93
Methylene Chloride	15,670	1.00	0.350 ^g	10.0	1.82
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,670	1.00	0.890 ^g	10.0	0.72
trans-1,2-Dichloroethene	15,670	1.00	0.440	10.0	1.45
Methyl-t-butyl ether	15,670	1.00	0.500 ^g	25.0	3.19
1,1-Dichloroethane	15,670	1.00	0.850	10.0	0.75
cis-1,2-Dichloroethene	15,670	1.00	0.530	10.0	1.20
Chloroform	15,670	1.00	0.350 ^g	10.0	1.82
1,2-Dichloroethane	15,670	1.00	0.560	10.0	1.14
1,1,1-Trichloroethane	15,670	1.00	1.050	10.0	0.61
Carbon Tetrachloride	15,670	1.00	0.430 ^g	10.0	1.48
Benzene	15,670	1.00	0.530	25.0	3.01
Trichloroethene	15,670	1.00	0.330	10.0	1.93
1,4-Dioxane	15,670	1.00	0.410 ^g	10.0	1.56
1,1,2-Trichloroethane	15,670	1.00	0.330 ^g	10.0	1.93
Toluene	15,670	1.00	0.400	25.0	3.99
1,2-Dibromoethane (EDB)	15,670	1.00	0.390 ^g	10.0	1.64
Tetrachloroethene	15,670	1.00	0.410	10.0	1.56
1,1,1,2-Tetrachloroethane	15,670	1.00	0.410 ^g	10.0	1.56
Chlorobenzene	15,670	1.00	0.850 ^g	10.0	0.75
Ethylbenzene	15,670	1.00	0.850	25.0	1.88
p & m-Xylene	15,670	1.00	0.880	25.0	1.81
o-Xylene	15,670	1.00	0.880	25.0	1.81
1,2,3-Trichloropropane	15,670	1.00	0.750 ^g	10.0	0.85
Isopropylbenzene	15,670	1.00	0.830 ^g	25.0	1.92
1,3,5-Trimethylbenzene	15,670	1.00	0.830 ^g	25.0	1.92
1,2,4-Trimethylbenzene	15,670	1.00	0.830 ^g	25.0	1.92
1,3-Dichlorobenzene	15,670	1.00	0.750 ^g	10.0	0.85
1,4-Dichlorobenzene	15,670	1.00	0.750 ^g	10.0	0.85
1,2-Dichlorobenzene	15,670	1.00	0.750 ^g	10.0	0.85
1,2,4-Trichlorobenzene	15,670	1.00	0.390 ^g	10.0	1.64
Naphthalene	15,670	1.00	0.800 ^g	25.0	1.99
1,2,3-Trichlorobenzene	15,670	1.00	0.390 ^g	10.0	1.64
2-Methylnaphthalene	15,670	1.00	0.760 ^g	25.0	2.10
TPH C5-C8	15,670	1.00	0.590	5,000.0	541
TPH C9-C15	15,670	1.00	0.690	5,000.0	462

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-10 **Sample Name:** 06R_SG_10_20231120

Vinyl Chloride	15,653	1.00	0.810	10.0	0.79
1,1-Dichloroethene	15,653	1.00	0.330	10.0	1.94
Methylene Chloride	15,653	1.00	0.350 ^g	10.0	1.83
1,1,2-Trichlorotrifluoroethane (Fr.113)	15,653	1.00	0.890 ^g	10.0	0.72
trans-1,2-Dichloroethene	15,653	1.00	0.440	10.0	1.45
Methyl-t-butyl ether	15,653	1.00	0.500 ^g	25.0	3.19
1,1-Dichloroethane	15,653	1.00	0.850	10.0	0.75
cis-1,2-Dichloroethene	15,653	1.00	0.530	10.0	1.21
Chloroform	15,653	1.00	0.350 ^g	10.0	1.83
1,2-Dichloroethane	15,653	1.00	0.560	10.0	1.14
1,1,1-Trichloroethane	15,653	1.00	1.050	10.0	0.61
Carbon Tetrachloride	15,653	1.00	0.430 ^g	10.0	1.49
Benzene	15,653	1.00	0.530	25.0	3.01
Trichloroethene	15,653	1.00	0.330	10.0	1.94
1,4-Dioxane	15,653	1.00	0.410 ^g	10.0	1.56
1,1,2-Trichloroethane	15,653	1.00	0.330 ^g	10.0	1.94
Toluene	15,653	1.00	0.400	25.0	3.99
1,2-Dibromoethane (EDB)	15,653	1.00	0.390 ^g	10.0	1.64
Tetrachloroethene	15,653	1.00	0.410	10.0	1.56
1,1,1,2-Tetrachloroethane	15,653	1.00	0.410 ^g	10.0	1.56
Chlorobenzene	15,653	1.00	0.850 ^g	10.0	0.75
Ethylbenzene	15,653	1.00	0.850	25.0	1.88
p & m-Xylene	15,653	1.00	0.880	25.0	1.81
o-Xylene	15,653	1.00	0.880	25.0	1.81
1,2,3-Trichloropropane	15,653	1.00	0.750 ^g	10.0	0.85
Isopropylbenzene	15,653	1.00	0.830 ^g	25.0	1.92
1,3,5-Trimethylbenzene	15,653	1.00	0.830 ^g	25.0	1.92
1,2,4-Trimethylbenzene	15,653	1.00	0.830 ^g	25.0	1.92
1,3-Dichlorobenzene	15,653	1.00	0.750 ^g	10.0	0.85
1,4-Dichlorobenzene	15,653	1.00	0.750 ^g	10.0	0.85
1,2-Dichlorobenzene	15,653	1.00	0.750 ^g	10.0	0.85
1,2,4-Trichlorobenzene	15,653	1.00	0.390 ^g	10.0	1.64
Naphthalene	15,653	1.00	0.800 ^g	25.0	2.00
1,2,3-Trichlorobenzene	15,653	1.00	0.390 ^g	10.0	1.64
2-Methylnaphthalene	15,653	1.00	0.760 ^g	25.0	2.10
TPH C5-C8	15,653	1.00	0.590	5,000.0	541
TPH C9-C15	15,653	1.00	0.690	5,000.0	463

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-11 **Sample Name:** 06R_SG_11_20231120

Vinyl Chloride	14,492	1.00	0.810	10.0	0.85
1,1-Dichloroethene	14,492	1.00	0.330	10.0	2.09
Methylene Chloride	14,492	1.00	0.350 ^g	10.0	1.97
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,492	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,492	1.00	0.440	10.0	1.57
Methyl-t-butyl ether	14,492	1.00	0.500 ^g	25.0	3.45
1,1-Dichloroethane	14,492	1.00	0.850	10.0	0.81
cis-1,2-Dichloroethene	14,492	1.00	0.530	10.0	1.30
Chloroform	14,492	1.00	0.350 ^g	10.0	1.97
1,2-Dichloroethane	14,492	1.00	0.560	10.0	1.23
1,1,1-Trichloroethane	14,492	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,492	1.00	0.430 ^g	10.0	1.60
Benzene	14,492	1.00	0.530	25.0	3.25
Trichloroethene	14,492	1.00	0.330	10.0	2.09
1,4-Dioxane	14,492	1.00	0.410 ^g	10.0	1.68
1,1,2-Trichloroethane	14,492	1.00	0.330 ^g	10.0	2.09
Toluene	14,492	1.00	0.400	25.0	4.31
1,2-Dibromoethane (EDB)	14,492	1.00	0.390 ^g	10.0	1.77
Tetrachloroethene	14,492	1.00	0.410	10.0	1.68
1,1,1,2-Tetrachloroethane	14,492	1.00	0.410 ^g	10.0	1.68
Chlorobenzene	14,492	1.00	0.850 ^g	10.0	0.81
Ethylbenzene	14,492	1.00	0.850	25.0	2.03
p & m-Xylene	14,492	1.00	0.880	25.0	1.96
o-Xylene	14,492	1.00	0.880	25.0	1.96
1,2,3-Trichloropropane	14,492	1.00	0.750 ^g	10.0	0.92
Isopropylbenzene	14,492	1.00	0.830 ^g	25.0	2.08
1,3,5-Trimethylbenzene	14,492	1.00	0.830 ^g	25.0	2.08
1,2,4-Trimethylbenzene	14,492	1.00	0.830 ^g	25.0	2.08
1,3-Dichlorobenzene	14,492	1.00	0.750 ^g	10.0	0.92
1,4-Dichlorobenzene	14,492	1.00	0.750 ^g	10.0	0.92
1,2-Dichlorobenzene	14,492	1.00	0.750 ^g	10.0	0.92
1,2,4-Trichlorobenzene	14,492	1.00	0.390 ^g	10.0	1.77
Naphthalene	14,492	1.00	0.800 ^g	25.0	2.16
1,2,3-Trichlorobenzene	14,492	1.00	0.390 ^g	10.0	1.77
2-Methylnaphthalene	14,492	1.00	0.760 ^g	25.0	2.27
TPH C5-C8	14,492	1.00	0.590	5,000.0	585
TPH C9-C15	14,492	1.00	0.690	5,000.0	500

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-12 **Sample Name:** 06R_SG_12_20231120

Vinyl Chloride	14,490	1.00	0.810	10.0	0.85
1,1-Dichloroethene	14,490	1.00	0.330	10.0	2.09
Methylene Chloride	14,490	1.00	0.350 ^g	10.0	1.97
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,490	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,490	1.00	0.440	10.0	1.57
Methyl-t-butyl ether	14,490	1.00	0.500 ^g	25.0	3.45
1,1-Dichloroethane	14,490	1.00	0.850	10.0	0.81
cis-1,2-Dichloroethene	14,490	1.00	0.530	10.0	1.30
Chloroform	14,490	1.00	0.350 ^g	10.0	1.97
1,2-Dichloroethane	14,490	1.00	0.560	10.0	1.23
1,1,1-Trichloroethane	14,490	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,490	1.00	0.430 ^g	10.0	1.60
Benzene	14,490	1.00	0.530	25.0	3.26
Trichloroethene	14,490	1.00	0.330	10.0	2.09
1,4-Dioxane	14,490	1.00	0.410 ^g	10.0	1.68
1,1,2-Trichloroethane	14,490	1.00	0.330 ^g	10.0	2.09
Toluene	14,490	1.00	0.400	25.0	4.31
1,2-Dibromoethane (EDB)	14,490	1.00	0.390 ^g	10.0	1.77
Tetrachloroethene	14,490	1.00	0.410	10.0	1.68
1,1,1,2-Tetrachloroethane	14,490	1.00	0.410 ^g	10.0	1.68
Chlorobenzene	14,490	1.00	0.850 ^g	10.0	0.81
Ethylbenzene	14,490	1.00	0.850	25.0	2.03
p & m-Xylene	14,490	1.00	0.880	25.0	1.96
o-Xylene	14,490	1.00	0.880	25.0	1.96
1,2,3-Trichloropropane	14,490	1.00	0.750 ^g	10.0	0.92
Isopropylbenzene	14,490	1.00	0.830 ^g	25.0	2.08
1,3,5-Trimethylbenzene	14,490	1.00	0.830 ^g	25.0	2.08
1,2,4-Trimethylbenzene	14,490	1.00	0.830 ^g	25.0	2.08
1,3-Dichlorobenzene	14,490	1.00	0.750 ^g	10.0	0.92
1,4-Dichlorobenzene	14,490	1.00	0.750 ^g	10.0	0.92
1,2-Dichlorobenzene	14,490	1.00	0.750 ^g	10.0	0.92
1,2,4-Trichlorobenzene	14,490	1.00	0.390 ^g	10.0	1.77
Naphthalene	14,490	1.00	0.800 ^g	25.0	2.16
1,2,3-Trichlorobenzene	14,490	1.00	0.390 ^g	10.0	1.77
2-Methylnaphthalene	14,490	1.00	0.760 ^g	25.0	2.27
TPH C5-C8	14,490	1.00	0.590	5,000.0	585
TPH C9-C15	14,490	1.00	0.690	5,000.0	500

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-13

Sample Name: 06R_SG_13_20231120

Vinyl Chloride	14,487	1.00	0.810	10.0	0.85
1,1-Dichloroethene	14,487	1.00	0.330	10.0	2.09
Methylene Chloride	14,487	1.00	0.350 §	10.0	1.97
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,487	1.00	0.890 §	10.0	0.78
trans-1,2-Dichloroethene	14,487	1.00	0.440	10.0	1.57
Methyl-t-butyl ether	14,487	1.00	0.500 §	25.0	3.45
1,1-Dichloroethane	14,487	1.00	0.850	10.0	0.81
cis-1,2-Dichloroethene	14,487	1.00	0.530	10.0	1.30
Chloroform	14,487	1.00	0.350 §	10.0	1.97
1,2-Dichloroethane	14,487	1.00	0.560	10.0	1.23
1,1,1-Trichloroethane	14,487	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,487	1.00	0.430 §	10.0	1.61
Benzene	14,487	1.00	0.530	25.0	3.26
Trichloroethene	14,487	1.00	0.330	10.0	2.09
1,4-Dioxane	14,487	1.00	0.410 §	10.0	1.68
1,1,2-Trichloroethane	14,487	1.00	0.330 §	10.0	2.09
Toluene	14,487	1.00	0.400	25.0	4.31
1,2-Dibromoethane (EDB)	14,487	1.00	0.390 §	10.0	1.77
Tetrachloroethene	14,487	1.00	0.410	10.0	1.68
1,1,1,2-Tetrachloroethane	14,487	1.00	0.410 §	10.0	1.68
Chlorobenzene	14,487	1.00	0.850 §	10.0	0.81
Ethylbenzene	14,487	1.00	0.850	25.0	2.03
p & m-Xylene	14,487	1.00	0.880	25.0	1.96
o-Xylene	14,487	1.00	0.880	25.0	1.96
1,2,3-Trichloropropane	14,487	1.00	0.750 §	10.0	0.92
Isopropylbenzene	14,487	1.00	0.830 §	25.0	2.08
1,3,5-Trimethylbenzene	14,487	1.00	0.830 §	25.0	2.08
1,2,4-Trimethylbenzene	14,487	1.00	0.830 §	25.0	2.08
1,3-Dichlorobenzene	14,487	1.00	0.750 §	10.0	0.92
1,4-Dichlorobenzene	14,487	1.00	0.750 §	10.0	0.92
1,2-Dichlorobenzene	14,487	1.00	0.750 §	10.0	0.92
1,2,4-Trichlorobenzene	14,487	1.00	0.390 §	10.0	1.77
Naphthalene	14,487	1.00	0.800 §	25.0	2.16
1,2,3-Trichlorobenzene	14,487	1.00	0.390 §	10.0	1.77
2-Methylnaphthalene	14,487	1.00	0.760 §	25.0	2.27
TPH C5-C8	14,487	1.00	0.590	5,000.0	585
TPH C9-C15	14,487	1.00	0.690	5,000.0	500

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-14 **Sample Name:** 06R_SG_14_20231120

Vinyl Chloride	14,470	1.00	0.810	10.0	0.85
1,1-Dichloroethene	14,470	1.00	0.330	10.0	2.09
Methylene Chloride	14,470	1.00	0.350 ^g	10.0	1.97
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,470	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,470	1.00	0.440	10.0	1.57
Methyl-t-butyl ether	14,470	1.00	0.500 ^g	25.0	3.46
1,1-Dichloroethane	14,470	1.00	0.850	10.0	0.81
cis-1,2-Dichloroethene	14,470	1.00	0.530	10.0	1.30
Chloroform	14,470	1.00	0.350 ^g	10.0	1.97
1,2-Dichloroethane	14,470	1.00	0.560	10.0	1.23
1,1,1-Trichloroethane	14,470	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,470	1.00	0.430 ^g	10.0	1.61
Benzene	14,470	1.00	0.530	25.0	3.26
Trichloroethene	14,470	1.00	0.330	10.0	2.09
1,4-Dioxane	14,470	1.00	0.410 ^g	10.0	1.69
1,1,2-Trichloroethane	14,470	1.00	0.330 ^g	10.0	2.09
Toluene	14,470	1.00	0.400	25.0	4.32
1,2-Dibromoethane (EDB)	14,470	1.00	0.390 ^g	10.0	1.77
Tetrachloroethene	14,470	1.00	0.410	10.0	1.69
1,1,1,2-Tetrachloroethane	14,470	1.00	0.410 ^g	10.0	1.69
Chlorobenzene	14,470	1.00	0.850 ^g	10.0	0.81
Ethylbenzene	14,470	1.00	0.850	25.0	2.03
p & m-Xylene	14,470	1.00	0.880	25.0	1.96
o-Xylene	14,470	1.00	0.880	25.0	1.96
1,2,3-Trichloropropane	14,470	1.00	0.750 ^g	10.0	0.92
Isopropylbenzene	14,470	1.00	0.830 ^g	25.0	2.08
1,3,5-Trimethylbenzene	14,470	1.00	0.830 ^g	25.0	2.08
1,2,4-Trimethylbenzene	14,470	1.00	0.830 ^g	25.0	2.08
1,3-Dichlorobenzene	14,470	1.00	0.750 ^g	10.0	0.92
1,4-Dichlorobenzene	14,470	1.00	0.750 ^g	10.0	0.92
1,2-Dichlorobenzene	14,470	1.00	0.750 ^g	10.0	0.92
1,2,4-Trichlorobenzene	14,470	1.00	0.390 ^g	10.0	1.77
Naphthalene	14,470	1.00	0.800 ^g	25.0	2.16
1,2,3-Trichlorobenzene	14,470	1.00	0.390 ^g	10.0	1.77
2-Methylnaphthalene	14,470	1.00	0.760 ^g	25.0	2.27
TPH C5-C8	14,470	1.00	0.590	5,000.0	586
TPH C9-C15	14,470	1.00	0.690	5,000.0	501

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-15

Sample Name: 06R_SG_15_20231120

Vinyl Chloride	14,480	1.00	0.810	10.0	0.85
1,1-Dichloroethene	14,480	1.00	0.330	10.0	2.09
Methylene Chloride	14,480	1.00	0.350 ^g	10.0	1.97
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,480	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,480	1.00	0.440	10.0	1.57
Methyl-t-butyl ether	14,480	1.00	0.500 ^g	25.0	3.45
1,1-Dichloroethane	14,480	1.00	0.850	10.0	0.81
cis-1,2-Dichloroethene	14,480	1.00	0.530	10.0	1.30
Chloroform	14,480	1.00	0.350 ^g	10.0	1.97
1,2-Dichloroethane	14,480	1.00	0.560	10.0	1.23
1,1,1-Trichloroethane	14,480	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,480	1.00	0.430 ^g	10.0	1.61
Benzene	14,480	1.00	0.530	25.0	3.26
Trichloroethene	14,480	1.00	0.330	10.0	2.09
1,4-Dioxane	14,480	1.00	0.410 ^g	10.0	1.68
1,1,2-Trichloroethane	14,480	1.00	0.330 ^g	10.0	2.09
Toluene	14,480	1.00	0.400	25.0	4.32
1,2-Dibromoethane (EDB)	14,480	1.00	0.390 ^g	10.0	1.77
Tetrachloroethene	14,480	1.00	0.410	10.0	1.68
1,1,1,2-Tetrachloroethane	14,480	1.00	0.410 ^g	10.0	1.68
Chlorobenzene	14,480	1.00	0.850 ^g	10.0	0.81
Ethylbenzene	14,480	1.00	0.850	25.0	2.03
p & m-Xylene	14,480	1.00	0.880	25.0	1.96
o-Xylene	14,480	1.00	0.880	25.0	1.96
1,2,3-Trichloropropane	14,480	1.00	0.750 ^g	10.0	0.92
Isopropylbenzene	14,480	1.00	0.830 ^g	25.0	2.08
1,3,5-Trimethylbenzene	14,480	1.00	0.830 ^g	25.0	2.08
1,2,4-Trimethylbenzene	14,480	1.00	0.830 ^g	25.0	2.08
1,3-Dichlorobenzene	14,480	1.00	0.750 ^g	10.0	0.92
1,4-Dichlorobenzene	14,480	1.00	0.750 ^g	10.0	0.92
1,2-Dichlorobenzene	14,480	1.00	0.750 ^g	10.0	0.92
1,2,4-Trichlorobenzene	14,480	1.00	0.390 ^g	10.0	1.77
Naphthalene	14,480	1.00	0.800 ^g	25.0	2.16
1,2,3-Trichlorobenzene	14,480	1.00	0.390 ^g	10.0	1.77
2-Methylnaphthalene	14,480	1.00	0.760 ^g	25.0	2.27
TPH C5-C8	14,480	1.00	0.590	5,000.0	585
TPH C9-C15	14,480	1.00	0.690	5,000.0	500

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-16

Sample Name: 06R_SG_16_20231120

Vinyl Chloride	14,456	1.00	0.810	10.0	0.85
1,1-Dichloroethene	14,456	1.00	0.330	10.0	2.10
Methylene Chloride	14,456	1.00	0.350 ^g	10.0	1.98
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,456	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,456	1.00	0.440	10.0	1.57
Methyl-t-butyl ether	14,456	1.00	0.500 ^g	25.0	3.46
1,1-Dichloroethane	14,456	1.00	0.850	10.0	0.81
cis-1,2-Dichloroethene	14,456	1.00	0.530	10.0	1.31
Chloroform	14,456	1.00	0.350 ^g	10.0	1.98
1,2-Dichloroethane	14,456	1.00	0.560	10.0	1.24
1,1,1-Trichloroethane	14,456	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,456	1.00	0.430 ^g	10.0	1.61
Benzene	14,456	1.00	0.530	25.0	3.26
Trichloroethene	14,456	1.00	0.330	10.0	2.10
1,4-Dioxane	14,456	1.00	0.410 ^g	10.0	1.69
1,1,2-Trichloroethane	14,456	1.00	0.330 ^g	10.0	2.10
Toluene	14,456	1.00	0.400	25.0	4.32
1,2-Dibromoethane (EDB)	14,456	1.00	0.390 ^g	10.0	1.77
Tetrachloroethene	14,456	1.00	0.410	10.0	1.69
1,1,1,2-Tetrachloroethane	14,456	1.00	0.410 ^g	10.0	1.69
Chlorobenzene	14,456	1.00	0.850 ^g	10.0	0.81
Ethylbenzene	14,456	1.00	0.850	25.0	2.03
p & m-Xylene	14,456	1.00	0.880	25.0	1.97
o-Xylene	14,456	1.00	0.880	25.0	1.97
1,2,3-Trichloropropane	14,456	1.00	0.750 ^g	10.0	0.92
Isopropylbenzene	14,456	1.00	0.830 ^g	25.0	2.08
1,3,5-Trimethylbenzene	14,456	1.00	0.830 ^g	25.0	2.08
1,2,4-Trimethylbenzene	14,456	1.00	0.830 ^g	25.0	2.08
1,3-Dichlorobenzene	14,456	1.00	0.750 ^g	10.0	0.92
1,4-Dichlorobenzene	14,456	1.00	0.750 ^g	10.0	0.92
1,2-Dichlorobenzene	14,456	1.00	0.750 ^g	10.0	0.92
1,2,4-Trichlorobenzene	14,456	1.00	0.390 ^g	10.0	1.77
Naphthalene	14,456	1.00	0.800 ^g	25.0	2.16
1,2,3-Trichlorobenzene	14,456	1.00	0.390 ^g	10.0	1.77
2-Methylnaphthalene	14,456	1.00	0.760 ^g	25.0	2.28
TPH C5-C8	14,456	1.00	0.590	5,000.0	586
TPH C9-C15	14,456	1.00	0.690	5,000.0	501

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-17

Sample Name: 06R_SG_17_20231120

Vinyl Chloride	14,450	1.00	0.810	10.0	0.85
1,1-Dichloroethene	14,450	1.00	0.330	10.0	2.10
Methylene Chloride	14,450	1.00	0.350 ^g	10.0	1.98
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,450	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,450	1.00	0.440	10.0	1.57
Methyl-t-butyl ether	14,450	1.00	0.500 ^g	25.0	3.46
1,1-Dichloroethane	14,450	1.00	0.850	10.0	0.81
cis-1,2-Dichloroethene	14,450	1.00	0.530	10.0	1.31
Chloroform	14,450	1.00	0.350 ^g	10.0	1.98
1,2-Dichloroethane	14,450	1.00	0.560	10.0	1.24
1,1,1-Trichloroethane	14,450	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,450	1.00	0.430 ^g	10.0	1.61
Benzene	14,450	1.00	0.530	25.0	3.26
Trichloroethene	14,450	1.00	0.330	10.0	2.10
1,4-Dioxane	14,450	1.00	0.410 ^g	10.0	1.69
1,1,2-Trichloroethane	14,450	1.00	0.330 ^g	10.0	2.10
Toluene	14,450	1.00	0.400	25.0	4.33
1,2-Dibromoethane (EDB)	14,450	1.00	0.390 ^g	10.0	1.77
Tetrachloroethene	14,450	1.00	0.410	10.0	1.69
1,1,1,2-Tetrachloroethane	14,450	1.00	0.410 ^g	10.0	1.69
Chlorobenzene	14,450	1.00	0.850 ^g	10.0	0.81
Ethylbenzene	14,450	1.00	0.850	25.0	2.04
p & m-Xylene	14,450	1.00	0.880	25.0	1.97
o-Xylene	14,450	1.00	0.880	25.0	1.97
1,2,3-Trichloropropane	14,450	1.00	0.750 ^g	10.0	0.92
Isopropylbenzene	14,450	1.00	0.830 ^g	25.0	2.08
1,3,5-Trimethylbenzene	14,450	1.00	0.830 ^g	25.0	2.08
1,2,4-Trimethylbenzene	14,450	1.00	0.830 ^g	25.0	2.08
1,3-Dichlorobenzene	14,450	1.00	0.750 ^g	10.0	0.92
1,4-Dichlorobenzene	14,450	1.00	0.750 ^g	10.0	0.92
1,2-Dichlorobenzene	14,450	1.00	0.750 ^g	10.0	0.92
1,2,4-Trichlorobenzene	14,450	1.00	0.390 ^g	10.0	1.77
Naphthalene	14,450	1.00	0.800 ^g	25.0	2.16
1,2,3-Trichlorobenzene	14,450	1.00	0.390 ^g	10.0	1.77
2-Methylnaphthalene	14,450	1.00	0.760 ^g	25.0	2.28
TPH C5-C8	14,450	1.00	0.590	5,000.0	586
TPH C9-C15	14,450	1.00	0.690	5,000.0	501

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-18

Sample Name: 06R_SG_18_20231120

Vinyl Chloride	14,442	1.00	0.810	10.0	0.85
1,1-Dichloroethene	14,442	1.00	0.330	10.0	2.10
Methylene Chloride	14,442	1.00	0.350 ^g	10.0	1.98
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,442	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,442	1.00	0.440	10.0	1.57
Methyl-t-butyl ether	14,442	1.00	0.500 ^g	25.0	3.46
1,1-Dichloroethane	14,442	1.00	0.850	10.0	0.81
cis-1,2-Dichloroethene	14,442	1.00	0.530	10.0	1.31
Chloroform	14,442	1.00	0.350 ^g	10.0	1.98
1,2-Dichloroethane	14,442	1.00	0.560	10.0	1.24
1,1,1-Trichloroethane	14,442	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,442	1.00	0.430 ^g	10.0	1.61
Benzene	14,442	1.00	0.530	25.0	3.27
Trichloroethene	14,442	1.00	0.330	10.0	2.10
1,4-Dioxane	14,442	1.00	0.410 ^g	10.0	1.69
1,1,2-Trichloroethane	14,442	1.00	0.330 ^g	10.0	2.10
Toluene	14,442	1.00	0.400	25.0	4.33
1,2-Dibromoethane (EDB)	14,442	1.00	0.390 ^g	10.0	1.78
Tetrachloroethene	14,442	1.00	0.410	10.0	1.69
1,1,1,2-Tetrachloroethane	14,442	1.00	0.410 ^g	10.0	1.69
Chlorobenzene	14,442	1.00	0.850 ^g	10.0	0.81
Ethylbenzene	14,442	1.00	0.850	25.0	2.04
p & m-Xylene	14,442	1.00	0.880	25.0	1.97
o-Xylene	14,442	1.00	0.880	25.0	1.97
1,2,3-Trichloropropane	14,442	1.00	0.750 ^g	10.0	0.92
Isopropylbenzene	14,442	1.00	0.830 ^g	25.0	2.09
1,3,5-Trimethylbenzene	14,442	1.00	0.830 ^g	25.0	2.09
1,2,4-Trimethylbenzene	14,442	1.00	0.830 ^g	25.0	2.09
1,3-Dichlorobenzene	14,442	1.00	0.750 ^g	10.0	0.92
1,4-Dichlorobenzene	14,442	1.00	0.750 ^g	10.0	0.92
1,2-Dichlorobenzene	14,442	1.00	0.750 ^g	10.0	0.92
1,2,4-Trichlorobenzene	14,442	1.00	0.390 ^g	10.0	1.78
Naphthalene	14,442	1.00	0.800 ^g	25.0	2.16
1,2,3-Trichlorobenzene	14,442	1.00	0.390 ^g	10.0	1.78
2-Methylnaphthalene	14,442	1.00	0.760 ^g	25.0	2.28
TPH C5-C8	14,442	1.00	0.590	5,000.0	587
TPH C9-C15	14,442	1.00	0.690	5,000.0	502

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-19

Sample Name: 06R_SG_19_20231120

Vinyl Chloride	14,432	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,432	1.00	0.330	10.0	2.10
Methylene Chloride	14,432	1.00	0.350 ^g	10.0	1.98
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,432	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,432	1.00	0.440	10.0	1.57
Methyl-t-butyl ether	14,432	1.00	0.500 ^g	25.0	3.46
1,1-Dichloroethane	14,432	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,432	1.00	0.530	10.0	1.31
Chloroform	14,432	1.00	0.350 ^g	10.0	1.98
1,2-Dichloroethane	14,432	1.00	0.560	10.0	1.24
1,1,1-Trichloroethane	14,432	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,432	1.00	0.430 ^g	10.0	1.61
Benzene	14,432	1.00	0.530	25.0	3.27
Trichloroethene	14,432	1.00	0.330	10.0	2.10
1,4-Dioxane	14,432	1.00	0.410 ^g	10.0	1.69
1,1,2-Trichloroethane	14,432	1.00	0.330 ^g	10.0	2.10
Toluene	14,432	1.00	0.400	25.0	4.33
1,2-Dibromoethane (EDB)	14,432	1.00	0.390 ^g	10.0	1.78
Tetrachloroethene	14,432	1.00	0.410	10.0	1.69
1,1,1,2-Tetrachloroethane	14,432	1.00	0.410 ^g	10.0	1.69
Chlorobenzene	14,432	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,432	1.00	0.850	25.0	2.04
p & m-Xylene	14,432	1.00	0.880	25.0	1.97
o-Xylene	14,432	1.00	0.880	25.0	1.97
1,2,3-Trichloropropane	14,432	1.00	0.750 ^g	10.0	0.92
Isopropylbenzene	14,432	1.00	0.830 ^g	25.0	2.09
1,3,5-Trimethylbenzene	14,432	1.00	0.830 ^g	25.0	2.09
1,2,4-Trimethylbenzene	14,432	1.00	0.830 ^g	25.0	2.09
1,3-Dichlorobenzene	14,432	1.00	0.750 ^g	10.0	0.92
1,4-Dichlorobenzene	14,432	1.00	0.750 ^g	10.0	0.92
1,2-Dichlorobenzene	14,432	1.00	0.750 ^g	10.0	0.92
1,2,4-Trichlorobenzene	14,432	1.00	0.390 ^g	10.0	1.78
Naphthalene	14,432	1.00	0.800 ^g	25.0	2.17
1,2,3-Trichlorobenzene	14,432	1.00	0.390 ^g	10.0	1.78
2-Methylnaphthalene	14,432	1.00	0.760 ^g	25.0	2.28
TPH C5-C8	14,432	1.00	0.590	5,000.0	587
TPH C9-C15	14,432	1.00	0.690	5,000.0	502

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-20

Sample Name: 06R_SG_20_20231120

Vinyl Chloride	14,423	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,423	1.00	0.330	10.0	2.10
Methylene Chloride	14,423	1.00	0.350 ^g	10.0	1.98
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,423	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,423	1.00	0.440	10.0	1.58
Methyl-t-butyl ether	14,423	1.00	0.500 ^g	25.0	3.47
1,1-Dichloroethane	14,423	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,423	1.00	0.530	10.0	1.31
Chloroform	14,423	1.00	0.350 ^g	10.0	1.98
1,2-Dichloroethane	14,423	1.00	0.560	10.0	1.24
1,1,1-Trichloroethane	14,423	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,423	1.00	0.430 ^g	10.0	1.61
Benzene	14,423	1.00	0.530	25.0	3.27
Trichloroethene	14,423	1.00	0.330	10.0	2.10
1,4-Dioxane	14,423	1.00	0.410 ^g	10.0	1.69
1,1,2-Trichloroethane	14,423	1.00	0.330 ^g	10.0	2.10
Toluene	14,423	1.00	0.400	25.0	4.33
1,2-Dibromoethane (EDB)	14,423	1.00	0.390 ^g	10.0	1.78
Tetrachloroethene	14,423	1.00	0.410	10.0	1.69
1,1,1,2-Tetrachloroethane	14,423	1.00	0.410 ^g	10.0	1.69
Chlorobenzene	14,423	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,423	1.00	0.850	25.0	2.04
p & m-Xylene	14,423	1.00	0.880	25.0	1.97
o-Xylene	14,423	1.00	0.880	25.0	1.97
1,2,3-Trichloropropane	14,423	1.00	0.750 ^g	10.0	0.92
Isopropylbenzene	14,423	1.00	0.830 ^g	25.0	2.09
1,3,5-Trimethylbenzene	14,423	1.00	0.830 ^g	25.0	2.09
1,2,4-Trimethylbenzene	14,423	1.00	0.830 ^g	25.0	2.09
1,3-Dichlorobenzene	14,423	1.00	0.750 ^g	10.0	0.92
1,4-Dichlorobenzene	14,423	1.00	0.750 ^g	10.0	0.92
1,2-Dichlorobenzene	14,423	1.00	0.750 ^g	10.0	0.92
1,2,4-Trichlorobenzene	14,423	1.00	0.390 ^g	10.0	1.78
Naphthalene	14,423	1.00	0.800 ^g	25.0	2.17
1,2,3-Trichlorobenzene	14,423	1.00	0.390 ^g	10.0	1.78
2-Methylnaphthalene	14,423	1.00	0.760 ^g	25.0	2.28
TPH C5-C8	14,423	1.00	0.590	5,000.0	588
TPH C9-C15	14,423	1.00	0.690	5,000.0	502

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-21

Sample Name: 06R_SG_21_20231120

Vinyl Chloride	14,390	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,390	1.00	0.330	10.0	2.11
Methylene Chloride	14,390	1.00	0.350 ^g	10.0	1.99
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,390	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,390	1.00	0.440	10.0	1.58
Methyl-t-butyl ether	14,390	1.00	0.500 ^g	25.0	3.47
1,1-Dichloroethane	14,390	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,390	1.00	0.530	10.0	1.31
Chloroform	14,390	1.00	0.350 ^g	10.0	1.99
1,2-Dichloroethane	14,390	1.00	0.560	10.0	1.24
1,1,1-Trichloroethane	14,390	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,390	1.00	0.430 ^g	10.0	1.62
Benzene	14,390	1.00	0.530	25.0	3.28
Trichloroethene	14,390	1.00	0.330	10.0	2.11
1,4-Dioxane	14,390	1.00	0.410 ^g	10.0	1.69
1,1,2-Trichloroethane	14,390	1.00	0.330 ^g	10.0	2.11
Toluene	14,390	1.00	0.400	25.0	4.34
1,2-Dibromoethane (EDB)	14,390	1.00	0.390 ^g	10.0	1.78
Tetrachloroethene	14,390	1.00	0.410	10.0	1.69
1,1,1,2-Tetrachloroethane	14,390	1.00	0.410 ^g	10.0	1.69
Chlorobenzene	14,390	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,390	1.00	0.850	25.0	2.04
p & m-Xylene	14,390	1.00	0.880	25.0	1.97
o-Xylene	14,390	1.00	0.880	25.0	1.97
1,2,3-Trichloropropane	14,390	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,390	1.00	0.830 ^g	25.0	2.09
1,3,5-Trimethylbenzene	14,390	1.00	0.830 ^g	25.0	2.09
1,2,4-Trimethylbenzene	14,390	1.00	0.830 ^g	25.0	2.09
1,3-Dichlorobenzene	14,390	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,390	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,390	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,390	1.00	0.390 ^g	10.0	1.78
Naphthalene	14,390	1.00	0.800 ^g	25.0	2.17
1,2,3-Trichlorobenzene	14,390	1.00	0.390 ^g	10.0	1.78
2-Methylnaphthalene	14,390	1.00	0.760 ^g	25.0	2.29
TPH C5-C8	14,390	1.00	0.590	5,000.0	589
TPH C9-C15	14,390	1.00	0.690	5,000.0	504

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-22 **Sample Name:** 06R_SG_22_20231120

Vinyl Chloride	14,382	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,382	1.00	0.330	10.0	2.11
Methylene Chloride	14,382	1.00	0.350 ^g	10.0	1.99
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,382	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,382	1.00	0.440	10.0	1.58
Methyl-t-butyl ether	14,382	1.00	0.500 ^g	25.0	3.48
1,1-Dichloroethane	14,382	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,382	1.00	0.530	10.0	1.31
Chloroform	14,382	1.00	0.350 ^g	10.0	1.99
1,2-Dichloroethane	14,382	1.00	0.560	10.0	1.24
1,1,1-Trichloroethane	14,382	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,382	1.00	0.430 ^g	10.0	1.62
Benzene	14,382	1.00	0.530	25.0	3.28
Trichloroethene	14,382	1.00	0.330	10.0	2.11
1,4-Dioxane	14,382	1.00	0.410 ^g	10.0	1.70
1,1,2-Trichloroethane	14,382	1.00	0.330 ^g	10.0	2.11
Toluene	14,382	1.00	0.400	25.0	4.35
1,2-Dibromoethane (EDB)	14,382	1.00	0.390 ^g	10.0	1.78
Tetrachloroethene	14,382	1.00	0.410	10.0	1.70
1,1,1,2-Tetrachloroethane	14,382	1.00	0.410 ^g	10.0	1.70
Chlorobenzene	14,382	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,382	1.00	0.850	25.0	2.05
p & m-Xylene	14,382	1.00	0.880	25.0	1.98
o-Xylene	14,382	1.00	0.880	25.0	1.98
1,2,3-Trichloropropane	14,382	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,382	1.00	0.830 ^g	25.0	2.09
1,3,5-Trimethylbenzene	14,382	1.00	0.830 ^g	25.0	2.09
1,2,4-Trimethylbenzene	14,382	1.00	0.830 ^g	25.0	2.09
1,3-Dichlorobenzene	14,382	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,382	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,382	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,382	1.00	0.390 ^g	10.0	1.78
Naphthalene	14,382	1.00	0.800 ^g	25.0	2.17
1,2,3-Trichlorobenzene	14,382	1.00	0.390 ^g	10.0	1.78
2-Methylnaphthalene	14,382	1.00	0.760 ^g	25.0	2.29
TPH C5-C8	14,382	1.00	0.590	5,000.0	589
TPH C9-C15	14,382	1.00	0.690	5,000.0	504

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-23

Sample Name: 06R_SG_23_20231120

Vinyl Chloride	14,365	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,365	1.00	0.330	10.0	2.11
Methylene Chloride	14,365	1.00	0.350 ^g	10.0	1.99
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,365	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,365	1.00	0.440	10.0	1.58
Methyl-t-butyl ether	14,365	1.00	0.500 ^g	25.0	3.48
1,1-Dichloroethane	14,365	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,365	1.00	0.530	10.0	1.31
Chloroform	14,365	1.00	0.350 ^g	10.0	1.99
1,2-Dichloroethane	14,365	1.00	0.560	10.0	1.24
1,1,1-Trichloroethane	14,365	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,365	1.00	0.430 ^g	10.0	1.62
Benzene	14,365	1.00	0.530	25.0	3.28
Trichloroethene	14,365	1.00	0.330	10.0	2.11
1,4-Dioxane	14,365	1.00	0.410 ^g	10.0	1.70
1,1,2-Trichloroethane	14,365	1.00	0.330 ^g	10.0	2.11
Toluene	14,365	1.00	0.400	25.0	4.35
1,2-Dibromoethane (EDB)	14,365	1.00	0.390 ^g	10.0	1.78
Tetrachloroethene	14,365	1.00	0.410	10.0	1.70
1,1,1,2-Tetrachloroethane	14,365	1.00	0.410 ^g	10.0	1.70
Chlorobenzene	14,365	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,365	1.00	0.850	25.0	2.05
p & m-Xylene	14,365	1.00	0.880	25.0	1.98
o-Xylene	14,365	1.00	0.880	25.0	1.98
1,2,3-Trichloropropane	14,365	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,365	1.00	0.830 ^g	25.0	2.10
1,3,5-Trimethylbenzene	14,365	1.00	0.830 ^g	25.0	2.10
1,2,4-Trimethylbenzene	14,365	1.00	0.830 ^g	25.0	2.10
1,3-Dichlorobenzene	14,365	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,365	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,365	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,365	1.00	0.390 ^g	10.0	1.78
Naphthalene	14,365	1.00	0.800 ^g	25.0	2.18
1,2,3-Trichlorobenzene	14,365	1.00	0.390 ^g	10.0	1.78
2-Methylnaphthalene	14,365	1.00	0.760 ^g	25.0	2.29
TPH C5-C8	14,365	1.00	0.590	5,000.0	590
TPH C9-C15	14,365	1.00	0.690	5,000.0	504

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-24

Sample Name: 06R_SG_24_20231120

Vinyl Chloride	14,358	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,358	1.00	0.330	10.0	2.11
Methylene Chloride	14,358	1.00	0.350 ^g	10.0	1.99
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,358	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,358	1.00	0.440	10.0	1.58
Methyl-t-butyl ether	14,358	1.00	0.500 ^g	25.0	3.48
1,1-Dichloroethane	14,358	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,358	1.00	0.530	10.0	1.31
Chloroform	14,358	1.00	0.350 ^g	10.0	1.99
1,2-Dichloroethane	14,358	1.00	0.560	10.0	1.24
1,1,1-Trichloroethane	14,358	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,358	1.00	0.430 ^g	10.0	1.62
Benzene	14,358	1.00	0.530	25.0	3.29
Trichloroethene	14,358	1.00	0.330	10.0	2.11
1,4-Dioxane	14,358	1.00	0.410 ^g	10.0	1.70
1,1,2-Trichloroethane	14,358	1.00	0.330 ^g	10.0	2.11
Toluene	14,358	1.00	0.400	25.0	4.35
1,2-Dibromoethane (EDB)	14,358	1.00	0.390 ^g	10.0	1.79
Tetrachloroethene	14,358	1.00	0.410	10.0	1.70
1,1,1,2-Tetrachloroethane	14,358	1.00	0.410 ^g	10.0	1.70
Chlorobenzene	14,358	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,358	1.00	0.850	25.0	2.05
p & m-Xylene	14,358	1.00	0.880	25.0	1.98
o-Xylene	14,358	1.00	0.880	25.0	1.98
1,2,3-Trichloropropane	14,358	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,358	1.00	0.830 ^g	25.0	2.10
1,3,5-Trimethylbenzene	14,358	1.00	0.830 ^g	25.0	2.10
1,2,4-Trimethylbenzene	14,358	1.00	0.830 ^g	25.0	2.10
1,3-Dichlorobenzene	14,358	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,358	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,358	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,358	1.00	0.390 ^g	10.0	1.79
Naphthalene	14,358	1.00	0.800 ^g	25.0	2.18
1,2,3-Trichlorobenzene	14,358	1.00	0.390 ^g	10.0	1.79
2-Methylnaphthalene	14,358	1.00	0.760 ^g	25.0	2.29
TPH C5-C8	14,358	1.00	0.590	5,000.0	590
TPH C9-C15	14,358	1.00	0.690	5,000.0	505

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-25

Sample Name: 06R_SG_25_20231120

Vinyl Chloride	14,345	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,345	1.00	0.330	10.0	2.11
Methylene Chloride	14,345	1.00	0.350 ^g	10.0	1.99
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,345	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,345	1.00	0.440	10.0	1.58
Methyl-t-butyl ether	14,345	1.00	0.500 ^g	25.0	3.49
1,1-Dichloroethane	14,345	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,345	1.00	0.530	10.0	1.32
Chloroform	14,345	1.00	0.350 ^g	10.0	1.99
1,2-Dichloroethane	14,345	1.00	0.560	10.0	1.24
1,1,1-Trichloroethane	14,345	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,345	1.00	0.430 ^g	10.0	1.62
Benzene	14,345	1.00	0.530	25.0	3.29
Trichloroethene	14,345	1.00	0.330	10.0	2.11
1,4-Dioxane	14,345	1.00	0.410 ^g	10.0	1.70
1,1,2-Trichloroethane	14,345	1.00	0.330 ^g	10.0	2.11
Toluene	14,345	1.00	0.400	25.0	4.36
1,2-Dibromoethane (EDB)	14,345	1.00	0.390 ^g	10.0	1.79
Tetrachloroethene	14,345	1.00	0.410	10.0	1.70
1,1,1,2-Tetrachloroethane	14,345	1.00	0.410 ^g	10.0	1.70
Chlorobenzene	14,345	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,345	1.00	0.850	25.0	2.05
p & m-Xylene	14,345	1.00	0.880	25.0	1.98
o-Xylene	14,345	1.00	0.880	25.0	1.98
1,2,3-Trichloropropane	14,345	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,345	1.00	0.830 ^g	25.0	2.10
1,3,5-Trimethylbenzene	14,345	1.00	0.830 ^g	25.0	2.10
1,2,4-Trimethylbenzene	14,345	1.00	0.830 ^g	25.0	2.10
1,3-Dichlorobenzene	14,345	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,345	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,345	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,345	1.00	0.390 ^g	10.0	1.79
Naphthalene	14,345	1.00	0.800 ^g	25.0	2.18
1,2,3-Trichlorobenzene	14,345	1.00	0.390 ^g	10.0	1.79
2-Methylnaphthalene	14,345	1.00	0.760 ^g	25.0	2.29
TPH C5-C8	14,345	1.00	0.590	5,000.0	591
TPH C9-C15	14,345	1.00	0.690	5,000.0	505

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-26

Sample Name: 06R_SG_26_20231120

Vinyl Chloride	14,313	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,313	1.00	0.330	10.0	2.12
Methylene Chloride	14,313	1.00	0.350 ^g	10.0	2.00
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,313	1.00	0.890 ^g	10.0	0.79
trans-1,2-Dichloroethene	14,313	1.00	0.440	10.0	1.59
Methyl-t-butyl ether	14,313	1.00	0.500 ^g	25.0	3.49
1,1-Dichloroethane	14,313	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,313	1.00	0.530	10.0	1.32
Chloroform	14,313	1.00	0.350 ^g	10.0	2.00
1,2-Dichloroethane	14,313	1.00	0.560	10.0	1.25
1,1,1-Trichloroethane	14,313	1.00	1.050	10.0	0.67
Carbon Tetrachloride	14,313	1.00	0.430 ^g	10.0	1.62
Benzene	14,313	1.00	0.530	25.0	3.30
Trichloroethene	14,313	1.00	0.330	10.0	2.12
1,4-Dioxane	14,313	1.00	0.410 ^g	10.0	1.70
1,1,2-Trichloroethane	14,313	1.00	0.330 ^g	10.0	2.12
Toluene	14,313	1.00	0.400	25.0	4.37
1,2-Dibromoethane (EDB)	14,313	1.00	0.390 ^g	10.0	1.79
Tetrachloroethene	14,313	1.00	0.410	10.0	1.70
1,1,1,2-Tetrachloroethane	14,313	1.00	0.410 ^g	10.0	1.70
Chlorobenzene	14,313	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,313	1.00	0.850	25.0	2.05
p & m-Xylene	14,313	1.00	0.880	25.0	1.98
o-Xylene	14,313	1.00	0.880	25.0	1.98
1,2,3-Trichloropropane	14,313	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,313	1.00	0.830 ^g	25.0	2.10
1,3,5-Trimethylbenzene	14,313	1.00	0.830 ^g	25.0	2.10
1,2,4-Trimethylbenzene	14,313	1.00	0.830 ^g	25.0	2.10
1,3-Dichlorobenzene	14,313	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,313	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,313	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,313	1.00	0.390 ^g	10.0	1.79
Naphthalene	14,313	1.00	0.800 ^g	25.0	2.18
1,2,3-Trichlorobenzene	14,313	1.00	0.390 ^g	10.0	1.79
2-Methylnaphthalene	14,313	1.00	0.760 ^g	25.0	2.30
TPH C5-C8	14,313	1.00	0.590	5,000.0	592
TPH C9-C15	14,313	1.00	0.690	5,000.0	506

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-27

Sample Name: 06R_SG_27_20231120

Vinyl Chloride	14,303	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,303	1.00	0.330	10.0	2.12
Methylene Chloride	14,303	1.00	0.350 ^g	10.0	2.00
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,303	1.00	0.890 ^g	10.0	0.79
trans-1,2-Dichloroethene	14,303	1.00	0.440	10.0	1.59
Methyl-t-butyl ether	14,303	1.00	0.500 ^g	25.0	3.50
1,1-Dichloroethane	14,303	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,303	1.00	0.530	10.0	1.32
Chloroform	14,303	1.00	0.350 ^g	10.0	2.00
1,2-Dichloroethane	14,303	1.00	0.560	10.0	1.25
1,1,1-Trichloroethane	14,303	1.00	1.050	10.0	0.67
Carbon Tetrachloride	14,303	1.00	0.430 ^g	10.0	1.63
Benzene	14,303	1.00	0.530	25.0	3.30
Trichloroethene	14,303	1.00	0.330	10.0	2.12
1,4-Dioxane	14,303	1.00	0.410 ^g	10.0	1.71
1,1,2-Trichloroethane	14,303	1.00	0.330 ^g	10.0	2.12
Toluene	14,303	1.00	0.400	25.0	4.37
1,2-Dibromoethane (EDB)	14,303	1.00	0.390 ^g	10.0	1.79
Tetrachloroethene	14,303	1.00	0.410	10.0	1.71
1,1,1,2-Tetrachloroethane	14,303	1.00	0.410 ^g	10.0	1.71
Chlorobenzene	14,303	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,303	1.00	0.850	25.0	2.06
p & m-Xylene	14,303	1.00	0.880	25.0	1.99
o-Xylene	14,303	1.00	0.880	25.0	1.99
1,2,3-Trichloropropane	14,303	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,303	1.00	0.830 ^g	25.0	2.11
1,3,5-Trimethylbenzene	14,303	1.00	0.830 ^g	25.0	2.11
1,2,4-Trimethylbenzene	14,303	1.00	0.830 ^g	25.0	2.11
1,3-Dichlorobenzene	14,303	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,303	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,303	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,303	1.00	0.390 ^g	10.0	1.79
Naphthalene	14,303	1.00	0.800 ^g	25.0	2.18
1,2,3-Trichlorobenzene	14,303	1.00	0.390 ^g	10.0	1.79
2-Methylnaphthalene	14,303	1.00	0.760 ^g	25.0	2.30
TPH C5-C8	14,303	1.00	0.590	5,000.0	593
TPH C9-C15	14,303	1.00	0.690	5,000.0	507

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-28

Sample Name: 06R_SG_28_20231120

Vinyl Chloride	14,286	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,286	1.00	0.330	10.0	2.12
Methylene Chloride	14,286	1.00	0.350 ^g	10.0	2.00
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,286	1.00	0.890 ^g	10.0	0.79
trans-1,2-Dichloroethene	14,286	1.00	0.440	10.0	1.59
Methyl-t-butyl ether	14,286	1.00	0.500 ^g	25.0	3.50
1,1-Dichloroethane	14,286	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,286	1.00	0.530	10.0	1.32
Chloroform	14,286	1.00	0.350 ^g	10.0	2.00
1,2-Dichloroethane	14,286	1.00	0.560	10.0	1.25
1,1,1-Trichloroethane	14,286	1.00	1.050	10.0	0.67
Carbon Tetrachloride	14,286	1.00	0.430 ^g	10.0	1.63
Benzene	14,286	1.00	0.530	25.0	3.30
Trichloroethene	14,286	1.00	0.330	10.0	2.12
1,4-Dioxane	14,286	1.00	0.410 ^g	10.0	1.71
1,1,2-Trichloroethane	14,286	1.00	0.330 ^g	10.0	2.12
Toluene	14,286	1.00	0.400	25.0	4.37
1,2-Dibromoethane (EDB)	14,286	1.00	0.390 ^g	10.0	1.79
Tetrachloroethene	14,286	1.00	0.410	10.0	1.71
1,1,1,2-Tetrachloroethane	14,286	1.00	0.410 ^g	10.0	1.71
Chlorobenzene	14,286	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,286	1.00	0.850	25.0	2.06
p & m-Xylene	14,286	1.00	0.880	25.0	1.99
o-Xylene	14,286	1.00	0.880	25.0	1.99
1,2,3-Trichloropropane	14,286	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,286	1.00	0.830 ^g	25.0	2.11
1,3,5-Trimethylbenzene	14,286	1.00	0.830 ^g	25.0	2.11
1,2,4-Trimethylbenzene	14,286	1.00	0.830 ^g	25.0	2.11
1,3-Dichlorobenzene	14,286	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,286	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,286	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,286	1.00	0.390 ^g	10.0	1.79
Naphthalene	14,286	1.00	0.800 ^g	25.0	2.19
1,2,3-Trichlorobenzene	14,286	1.00	0.390 ^g	10.0	1.79
2-Methylnaphthalene	14,286	1.00	0.760 ^g	25.0	2.30
TPH C5-C8	14,286	1.00	0.590	5,000.0	593
TPH C9-C15	14,286	1.00	0.690	5,000.0	507

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-29

Sample Name: 06R_SG_29_20231120

Vinyl Chloride	14,260	1.00	0.810	10.0	0.87
1,1-Dichloroethene	14,260	1.00	0.330	10.0	2.13
Methylene Chloride	14,260	1.00	0.350 ^g	10.0	2.00
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,260	1.00	0.890 ^g	10.0	0.79
trans-1,2-Dichloroethene	14,260	1.00	0.440	10.0	1.59
Methyl-t-butyl ether	14,260	1.00	0.500 ^g	25.0	3.51
1,1-Dichloroethane	14,260	1.00	0.850	10.0	0.83
cis-1,2-Dichloroethene	14,260	1.00	0.530	10.0	1.32
Chloroform	14,260	1.00	0.350 ^g	10.0	2.00
1,2-Dichloroethane	14,260	1.00	0.560	10.0	1.25
1,1,1-Trichloroethane	14,260	1.00	1.050	10.0	0.67
Carbon Tetrachloride	14,260	1.00	0.430 ^g	10.0	1.63
Benzene	14,260	1.00	0.530	25.0	3.31
Trichloroethene	14,260	1.00	0.330	10.0	2.13
1,4-Dioxane	14,260	1.00	0.410 ^g	10.0	1.71
1,1,2-Trichloroethane	14,260	1.00	0.330 ^g	10.0	2.13
Toluene	14,260	1.00	0.400	25.0	4.38
1,2-Dibromoethane (EDB)	14,260	1.00	0.390 ^g	10.0	1.80
Tetrachloroethene	14,260	1.00	0.410	10.0	1.71
1,1,1,2-Tetrachloroethane	14,260	1.00	0.410 ^g	10.0	1.71
Chlorobenzene	14,260	1.00	0.850 ^g	10.0	0.83
Ethylbenzene	14,260	1.00	0.850	25.0	2.06
p & m-Xylene	14,260	1.00	0.880	25.0	1.99
o-Xylene	14,260	1.00	0.880	25.0	1.99
1,2,3-Trichloropropane	14,260	1.00	0.750 ^g	10.0	0.94
Isopropylbenzene	14,260	1.00	0.830 ^g	25.0	2.11
1,3,5-Trimethylbenzene	14,260	1.00	0.830 ^g	25.0	2.11
1,2,4-Trimethylbenzene	14,260	1.00	0.830 ^g	25.0	2.11
1,3-Dichlorobenzene	14,260	1.00	0.750 ^g	10.0	0.94
1,4-Dichlorobenzene	14,260	1.00	0.750 ^g	10.0	0.94
1,2-Dichlorobenzene	14,260	1.00	0.750 ^g	10.0	0.94
1,2,4-Trichlorobenzene	14,260	1.00	0.390 ^g	10.0	1.80
Naphthalene	14,260	1.00	0.800 ^g	25.0	2.19
1,2,3-Trichlorobenzene	14,260	1.00	0.390 ^g	10.0	1.80
2-Methylnaphthalene	14,260	1.00	0.760 ^g	25.0	2.31
TPH C5-C8	14,260	1.00	0.590	5,000.0	594
TPH C9-C15	14,260	1.00	0.690	5,000.0	508

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-30

Sample Name: 06R_SG_30_20231120

Vinyl Chloride	14,245	1.00	0.810	10.0	0.87
1,1-Dichloroethene	14,245	1.00	0.330	10.0	2.13
Methylene Chloride	14,245	1.00	0.350 ^g	10.0	2.01
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,245	1.00	0.890 ^g	10.0	0.79
trans-1,2-Dichloroethene	14,245	1.00	0.440	10.0	1.60
Methyl-t-butyl ether	14,245	1.00	0.500 ^g	25.0	3.51
1,1-Dichloroethane	14,245	1.00	0.850	10.0	0.83
cis-1,2-Dichloroethene	14,245	1.00	0.530	10.0	1.32
Chloroform	14,245	1.00	0.350 ^g	10.0	2.01
1,2-Dichloroethane	14,245	1.00	0.560	10.0	1.25
1,1,1-Trichloroethane	14,245	1.00	1.050	10.0	0.67
Carbon Tetrachloride	14,245	1.00	0.430 ^g	10.0	1.63
Benzene	14,245	1.00	0.530	25.0	3.31
Trichloroethene	14,245	1.00	0.330	10.0	2.13
1,4-Dioxane	14,245	1.00	0.410 ^g	10.0	1.71
1,1,2-Trichloroethane	14,245	1.00	0.330 ^g	10.0	2.13
Toluene	14,245	1.00	0.400	25.0	4.39
1,2-Dibromoethane (EDB)	14,245	1.00	0.390 ^g	10.0	1.80
Tetrachloroethene	14,245	1.00	0.410	10.0	1.71
1,1,1,2-Tetrachloroethane	14,245	1.00	0.410 ^g	10.0	1.71
Chlorobenzene	14,245	1.00	0.850 ^g	10.0	0.83
Ethylbenzene	14,245	1.00	0.850	25.0	2.06
p & m-Xylene	14,245	1.00	0.880	25.0	1.99
o-Xylene	14,245	1.00	0.880	25.0	1.99
1,2,3-Trichloropropane	14,245	1.00	0.750 ^g	10.0	0.94
Isopropylbenzene	14,245	1.00	0.830 ^g	25.0	2.11
1,3,5-Trimethylbenzene	14,245	1.00	0.830 ^g	25.0	2.11
1,2,4-Trimethylbenzene	14,245	1.00	0.830 ^g	25.0	2.11
1,3-Dichlorobenzene	14,245	1.00	0.750 ^g	10.0	0.94
1,4-Dichlorobenzene	14,245	1.00	0.750 ^g	10.0	0.94
1,2-Dichlorobenzene	14,245	1.00	0.750 ^g	10.0	0.94
1,2,4-Trichlorobenzene	14,245	1.00	0.390 ^g	10.0	1.80
Naphthalene	14,245	1.00	0.800 ^g	25.0	2.19
1,2,3-Trichlorobenzene	14,245	1.00	0.390 ^g	10.0	1.80
2-Methylnaphthalene	14,245	1.00	0.760 ^g	25.0	2.31
TPH C5-C8	14,245	1.00	0.590	5,000.0	595
TPH C9-C15	14,245	1.00	0.690	5,000.0	509

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-31 **Sample Name:** 06R_SG_31_20231120

Vinyl Chloride	14,270	1.00	0.810	10.0	0.87
1,1-Dichloroethene	14,270	1.00	0.330	10.0	2.12
Methylene Chloride	14,270	1.00	0.350 ^g	10.0	2.00
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,270	1.00	0.890 ^g	10.0	0.79
trans-1,2-Dichloroethene	14,270	1.00	0.440	10.0	1.59
Methyl-t-butyl ether	14,270	1.00	0.500 ^g	25.0	3.50
1,1-Dichloroethane	14,270	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,270	1.00	0.530	10.0	1.32
Chloroform	14,270	1.00	0.350 ^g	10.0	2.00
1,2-Dichloroethane	14,270	1.00	0.560	10.0	1.25
1,1,1-Trichloroethane	14,270	1.00	1.050	10.0	0.67
Carbon Tetrachloride	14,270	1.00	0.430 ^g	10.0	1.63
Benzene	14,270	1.00	0.530	25.0	3.31
Trichloroethene	14,270	1.00	0.330	10.0	2.12
1,4-Dioxane	14,270	1.00	0.410 ^g	10.0	1.71
1,1,2-Trichloroethane	14,270	1.00	0.330 ^g	10.0	2.12
Toluene	14,270	1.00	0.400	25.0	4.38
1,2-Dibromoethane (EDB)	14,270	1.00	0.390 ^g	10.0	1.80
Tetrachloroethene	14,270	1.00	0.410	10.0	1.71
1,1,1,2-Tetrachloroethane	14,270	1.00	0.410 ^g	10.0	1.71
Chlorobenzene	14,270	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,270	1.00	0.850	25.0	2.06
p & m-Xylene	14,270	1.00	0.880	25.0	1.99
o-Xylene	14,270	1.00	0.880	25.0	1.99
1,2,3-Trichloropropane	14,270	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,270	1.00	0.830 ^g	25.0	2.11
1,3,5-Trimethylbenzene	14,270	1.00	0.830 ^g	25.0	2.11
1,2,4-Trimethylbenzene	14,270	1.00	0.830 ^g	25.0	2.11
1,3-Dichlorobenzene	14,270	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,270	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,270	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,270	1.00	0.390 ^g	10.0	1.80
Naphthalene	14,270	1.00	0.800 ^g	25.0	2.19
1,2,3-Trichlorobenzene	14,270	1.00	0.390 ^g	10.0	1.80
2-Methylnaphthalene	14,270	1.00	0.760 ^g	25.0	2.31
TPH C5-C8	14,270	1.00	0.590	5,000.0	594
TPH C9-C15	14,270	1.00	0.690	5,000.0	508

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-32 **Sample Name:** 06R_SG_32_20231120

Vinyl Chloride	14,349	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,349	1.00	0.330	10.0	2.11
Methylene Chloride	14,349	1.00	0.350 ^g	10.0	1.99
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,349	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,349	1.00	0.440	10.0	1.58
Methyl-t-butyl ether	14,349	1.00	0.500 ^g	25.0	3.48
1,1-Dichloroethane	14,349	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,349	1.00	0.530	10.0	1.31
Chloroform	14,349	1.00	0.350 ^g	10.0	1.99
1,2-Dichloroethane	14,349	1.00	0.560	10.0	1.24
1,1,1-Trichloroethane	14,349	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,349	1.00	0.430 ^g	10.0	1.62
Benzene	14,349	1.00	0.530	25.0	3.29
Trichloroethene	14,349	1.00	0.330	10.0	2.11
1,4-Dioxane	14,349	1.00	0.410 ^g	10.0	1.70
1,1,2-Trichloroethane	14,349	1.00	0.330 ^g	10.0	2.11
Toluene	14,349	1.00	0.400	25.0	4.36
1,2-Dibromoethane (EDB)	14,349	1.00	0.390 ^g	10.0	1.79
Tetrachloroethene	14,349	1.00	0.410	10.0	1.70
1,1,1,2-Tetrachloroethane	14,349	1.00	0.410 ^g	10.0	1.70
Chlorobenzene	14,349	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,349	1.00	0.850	25.0	2.05
p & m-Xylene	14,349	1.00	0.880	25.0	1.98
o-Xylene	14,349	1.00	0.880	25.0	1.98
1,2,3-Trichloropropane	14,349	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,349	1.00	0.830 ^g	25.0	2.10
1,3,5-Trimethylbenzene	14,349	1.00	0.830 ^g	25.0	2.10
1,2,4-Trimethylbenzene	14,349	1.00	0.830 ^g	25.0	2.10
1,3-Dichlorobenzene	14,349	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,349	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,349	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,349	1.00	0.390 ^g	10.0	1.79
Naphthalene	14,349	1.00	0.800 ^g	25.0	2.18
1,2,3-Trichlorobenzene	14,349	1.00	0.390 ^g	10.0	1.79
2-Methylnaphthalene	14,349	1.00	0.760 ^g	25.0	2.29
TPH C5-C8	14,349	1.00	0.590	5,000.0	591
TPH C9-C15	14,349	1.00	0.690	5,000.0	505

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-33

Sample Name: 06R_SG_33_20231120

Vinyl Chloride	14,350	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,350	1.00	0.330	10.0	2.11
Methylene Chloride	14,350	1.00	0.350 ^g	10.0	1.99
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,350	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,350	1.00	0.440	10.0	1.58
Methyl-t-butyl ether	14,350	1.00	0.500 ^g	25.0	3.48
1,1-Dichloroethane	14,350	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,350	1.00	0.530	10.0	1.31
Chloroform	14,350	1.00	0.350 ^g	10.0	1.99
1,2-Dichloroethane	14,350	1.00	0.560	10.0	1.24
1,1,1-Trichloroethane	14,350	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,350	1.00	0.430 ^g	10.0	1.62
Benzene	14,350	1.00	0.530	25.0	3.29
Trichloroethene	14,350	1.00	0.330	10.0	2.11
1,4-Dioxane	14,350	1.00	0.410 ^g	10.0	1.70
1,1,2-Trichloroethane	14,350	1.00	0.330 ^g	10.0	2.11
Toluene	14,350	1.00	0.400	25.0	4.36
1,2-Dibromoethane (EDB)	14,350	1.00	0.390 ^g	10.0	1.79
Tetrachloroethene	14,350	1.00	0.410	10.0	1.70
1,1,1,2-Tetrachloroethane	14,350	1.00	0.410 ^g	10.0	1.70
Chlorobenzene	14,350	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,350	1.00	0.850	25.0	2.05
p & m-Xylene	14,350	1.00	0.880	25.0	1.98
o-Xylene	14,350	1.00	0.880	25.0	1.98
1,2,3-Trichloropropane	14,350	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,350	1.00	0.830 ^g	25.0	2.10
1,3,5-Trimethylbenzene	14,350	1.00	0.830 ^g	25.0	2.10
1,2,4-Trimethylbenzene	14,350	1.00	0.830 ^g	25.0	2.10
1,3-Dichlorobenzene	14,350	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,350	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,350	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,350	1.00	0.390 ^g	10.0	1.79
Naphthalene	14,350	1.00	0.800 ^g	25.0	2.18
1,2,3-Trichlorobenzene	14,350	1.00	0.390 ^g	10.0	1.79
2-Methylnaphthalene	14,350	1.00	0.760 ^g	25.0	2.29
TPH C5-C8	14,350	1.00	0.590	5,000.0	591
TPH C9-C15	14,350	1.00	0.690	5,000.0	505

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-34 **Sample Name:** 06R_SG_34_20231120

Vinyl Chloride	14,341	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,341	1.00	0.330	10.0	2.11
Methylene Chloride	14,341	1.00	0.350 §	10.0	1.99
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,341	1.00	0.890 §	10.0	0.78
trans-1,2-Dichloroethene	14,341	1.00	0.440	10.0	1.58
Methyl-t-butyl ether	14,341	1.00	0.500 §	25.0	3.49
1,1-Dichloroethane	14,341	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,341	1.00	0.530	10.0	1.32
Chloroform	14,341	1.00	0.350 §	10.0	1.99
1,2-Dichloroethane	14,341	1.00	0.560	10.0	1.25
1,1,1-Trichloroethane	14,341	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,341	1.00	0.430 §	10.0	1.62
Benzene	14,341	1.00	0.530	25.0	3.29
Trichloroethene	14,341	1.00	0.330	10.0	2.11
1,4-Dioxane	14,341	1.00	0.410 §	10.0	1.70
1,1,2-Trichloroethane	14,341	1.00	0.330 §	10.0	2.11
Toluene	14,341	1.00	0.400	25.0	4.36
1,2-Dibromoethane (EDB)	14,341	1.00	0.390 §	10.0	1.79
Tetrachloroethene	14,341	1.00	0.410	10.0	1.70
1,1,1,2-Tetrachloroethane	14,341	1.00	0.410 §	10.0	1.70
Chlorobenzene	14,341	1.00	0.850 §	10.0	0.82
Ethylbenzene	14,341	1.00	0.850	25.0	2.05
p & m-Xylene	14,341	1.00	0.880	25.0	1.98
o-Xylene	14,341	1.00	0.880	25.0	1.98
1,2,3-Trichloropropane	14,341	1.00	0.750 §	10.0	0.93
Isopropylbenzene	14,341	1.00	0.830 §	25.0	2.10
1,3,5-Trimethylbenzene	14,341	1.00	0.830 §	25.0	2.10
1,2,4-Trimethylbenzene	14,341	1.00	0.830 §	25.0	2.10
1,3-Dichlorobenzene	14,341	1.00	0.750 §	10.0	0.93
1,4-Dichlorobenzene	14,341	1.00	0.750 §	10.0	0.93
1,2-Dichlorobenzene	14,341	1.00	0.750 §	10.0	0.93
1,2,4-Trichlorobenzene	14,341	1.00	0.390 §	10.0	1.79
Naphthalene	14,341	1.00	0.800 §	25.0	2.18
1,2,3-Trichlorobenzene	14,341	1.00	0.390 §	10.0	1.79
2-Methylnaphthalene	14,341	1.00	0.760 §	25.0	2.29
TPH C5-C8	14,341	1.00	0.590	5,000.0	591
TPH C9-C15	14,341	1.00	0.690	5,000.0	505

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-35

Sample Name: 06R_SG_35_20231120

Vinyl Chloride	14,340	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,340	1.00	0.330	10.0	2.11
Methylene Chloride	14,340	1.00	0.350 ^g	10.0	1.99
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,340	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,340	1.00	0.440	10.0	1.58
Methyl-t-butyl ether	14,340	1.00	0.500 ^g	25.0	3.49
1,1-Dichloroethane	14,340	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,340	1.00	0.530	10.0	1.32
Chloroform	14,340	1.00	0.350 ^g	10.0	1.99
1,2-Dichloroethane	14,340	1.00	0.560	10.0	1.25
1,1,1-Trichloroethane	14,340	1.00	1.050	10.0	0.66
Carbon Tetrachloride	14,340	1.00	0.430 ^g	10.0	1.62
Benzene	14,340	1.00	0.530	25.0	3.29
Trichloroethene	14,340	1.00	0.330	10.0	2.11
1,4-Dioxane	14,340	1.00	0.410 ^g	10.0	1.70
1,1,2-Trichloroethane	14,340	1.00	0.330 ^g	10.0	2.11
Toluene	14,340	1.00	0.400	25.0	4.36
1,2-Dibromoethane (EDB)	14,340	1.00	0.390 ^g	10.0	1.79
Tetrachloroethene	14,340	1.00	0.410	10.0	1.70
1,1,1,2-Tetrachloroethane	14,340	1.00	0.410 ^g	10.0	1.70
Chlorobenzene	14,340	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,340	1.00	0.850	25.0	2.05
p & m-Xylene	14,340	1.00	0.880	25.0	1.98
o-Xylene	14,340	1.00	0.880	25.0	1.98
1,2,3-Trichloropropane	14,340	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,340	1.00	0.830 ^g	25.0	2.10
1,3,5-Trimethylbenzene	14,340	1.00	0.830 ^g	25.0	2.10
1,2,4-Trimethylbenzene	14,340	1.00	0.830 ^g	25.0	2.10
1,3-Dichlorobenzene	14,340	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,340	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,340	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,340	1.00	0.390 ^g	10.0	1.79
Naphthalene	14,340	1.00	0.800 ^g	25.0	2.18
1,2,3-Trichlorobenzene	14,340	1.00	0.390 ^g	10.0	1.79
2-Methylnaphthalene	14,340	1.00	0.760 ^g	25.0	2.29
TPH C5-C8	14,340	1.00	0.590	5,000.0	591
TPH C9-C15	14,340	1.00	0.690	5,000.0	505

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
---------	-------------------------------	--------------------------	---------------------	------------------------	------------------------------

Lab ID: 0007323-36

Sample Name: 06R_SG_36_20231120

Vinyl Chloride	14,321	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,321	1.00	0.330	10.0	2.12
Methylene Chloride	14,321	1.00	0.350 ^g	10.0	2.00
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,321	1.00	0.890 ^g	10.0	0.78
trans-1,2-Dichloroethene	14,321	1.00	0.440	10.0	1.59
Methyl-t-butyl ether	14,321	1.00	0.500 ^g	25.0	3.49
1,1-Dichloroethane	14,321	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,321	1.00	0.530	10.0	1.32
Chloroform	14,321	1.00	0.350 ^g	10.0	2.00
1,2-Dichloroethane	14,321	1.00	0.560	10.0	1.25
1,1,1-Trichloroethane	14,321	1.00	1.050	10.0	0.67
Carbon Tetrachloride	14,321	1.00	0.430 ^g	10.0	1.62
Benzene	14,321	1.00	0.530	25.0	3.29
Trichloroethene	14,321	1.00	0.330	10.0	2.12
1,4-Dioxane	14,321	1.00	0.410 ^g	10.0	1.70
1,1,2-Trichloroethane	14,321	1.00	0.330 ^g	10.0	2.12
Toluene	14,321	1.00	0.400	25.0	4.36
1,2-Dibromoethane (EDB)	14,321	1.00	0.390 ^g	10.0	1.79
Tetrachloroethene	14,321	1.00	0.410	10.0	1.70
1,1,1,2-Tetrachloroethane	14,321	1.00	0.410 ^g	10.0	1.70
Chlorobenzene	14,321	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,321	1.00	0.850	25.0	2.05
p & m-Xylene	14,321	1.00	0.880	25.0	1.98
o-Xylene	14,321	1.00	0.880	25.0	1.98
1,2,3-Trichloropropane	14,321	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,321	1.00	0.830 ^g	25.0	2.10
1,3,5-Trimethylbenzene	14,321	1.00	0.830 ^g	25.0	2.10
1,2,4-Trimethylbenzene	14,321	1.00	0.830 ^g	25.0	2.10
1,3-Dichlorobenzene	14,321	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,321	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,321	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,321	1.00	0.390 ^g	10.0	1.79
Naphthalene	14,321	1.00	0.800 ^g	25.0	2.18
1,2,3-Trichlorobenzene	14,321	1.00	0.390 ^g	10.0	1.79
2-Methylnaphthalene	14,321	1.00	0.760 ^g	25.0	2.30
TPH C5-C8	14,321	1.00	0.590	5,000.0	592
TPH C9-C15	14,321	1.00	0.690	5,000.0	506

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-37

Sample Name: 06R_SG_37_20231120

Vinyl Chloride	14,310	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,310	1.00	0.330	10.0	2.12
Methylene Chloride	14,310	1.00	0.350 ^g	10.0	2.00
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,310	1.00	0.890 ^g	10.0	0.79
trans-1,2-Dichloroethene	14,310	1.00	0.440	10.0	1.59
Methyl-t-butyl ether	14,310	1.00	0.500 ^g	25.0	3.49
1,1-Dichloroethane	14,310	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,310	1.00	0.530	10.0	1.32
Chloroform	14,310	1.00	0.350 ^g	10.0	2.00
1,2-Dichloroethane	14,310	1.00	0.560	10.0	1.25
1,1,1-Trichloroethane	14,310	1.00	1.050	10.0	0.67
Carbon Tetrachloride	14,310	1.00	0.430 ^g	10.0	1.63
Benzene	14,310	1.00	0.530	25.0	3.30
Trichloroethene	14,310	1.00	0.330	10.0	2.12
1,4-Dioxane	14,310	1.00	0.410 ^g	10.0	1.70
1,1,2-Trichloroethane	14,310	1.00	0.330 ^g	10.0	2.12
Toluene	14,310	1.00	0.400	25.0	4.37
1,2-Dibromoethane (EDB)	14,310	1.00	0.390 ^g	10.0	1.79
Tetrachloroethene	14,310	1.00	0.410	10.0	1.70
1,1,1,2-Tetrachloroethane	14,310	1.00	0.410 ^g	10.0	1.70
Chlorobenzene	14,310	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,310	1.00	0.850	25.0	2.06
p & m-Xylene	14,310	1.00	0.880	25.0	1.99
o-Xylene	14,310	1.00	0.880	25.0	1.99
1,2,3-Trichloropropane	14,310	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,310	1.00	0.830 ^g	25.0	2.10
1,3,5-Trimethylbenzene	14,310	1.00	0.830 ^g	25.0	2.10
1,2,4-Trimethylbenzene	14,310	1.00	0.830 ^g	25.0	2.10
1,3-Dichlorobenzene	14,310	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,310	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,310	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,310	1.00	0.390 ^g	10.0	1.79
Naphthalene	14,310	1.00	0.800 ^g	25.0	2.18
1,2,3-Trichlorobenzene	14,310	1.00	0.390 ^g	10.0	1.79
2-Methylnaphthalene	14,310	1.00	0.760 ^g	25.0	2.30
TPH C5-C8	14,310	1.00	0.590	5,000.0	592
TPH C9-C15	14,310	1.00	0.690	5,000.0	506

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners	Beacon Proposal: 230609R01
	Site Location: Kenosha, WI	Lab Work Order: 0007323
	Project Manager: Steve Meer	Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-38 **Sample Name:** 06R_SG_38_20231120

Vinyl Chloride	14,305	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,305	1.00	0.330	10.0	2.12
Methylene Chloride	14,305	1.00	0.350 ^g	10.0	2.00
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,305	1.00	0.890 ^g	10.0	0.79
trans-1,2-Dichloroethene	14,305	1.00	0.440	10.0	1.59
Methyl-t-butyl ether	14,305	1.00	0.500 ^g	25.0	3.50
1,1-Dichloroethane	14,305	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,305	1.00	0.530	10.0	1.32
Chloroform	14,305	1.00	0.350 ^g	10.0	2.00
1,2-Dichloroethane	14,305	1.00	0.560	10.0	1.25
1,1,1-Trichloroethane	14,305	1.00	1.050	10.0	0.67
Carbon Tetrachloride	14,305	1.00	0.430 ^g	10.0	1.63
Benzene	14,305	1.00	0.530	25.0	3.30
Trichloroethene	14,305	1.00	0.330	10.0	2.12
1,4-Dioxane	14,305	1.00	0.410 ^g	10.0	1.71
1,1,2-Trichloroethane	14,305	1.00	0.330 ^g	10.0	2.12
Toluene	14,305	1.00	0.400	25.0	4.37
1,2-Dibromoethane (EDB)	14,305	1.00	0.390 ^g	10.0	1.79
Tetrachloroethene	14,305	1.00	0.410	10.0	1.71
1,1,1,2-Tetrachloroethane	14,305	1.00	0.410 ^g	10.0	1.71
Chlorobenzene	14,305	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,305	1.00	0.850	25.0	2.06
p & m-Xylene	14,305	1.00	0.880	25.0	1.99
o-Xylene	14,305	1.00	0.880	25.0	1.99
1,2,3-Trichloropropane	14,305	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,305	1.00	0.830 ^g	25.0	2.11
1,3,5-Trimethylbenzene	14,305	1.00	0.830 ^g	25.0	2.11
1,2,4-Trimethylbenzene	14,305	1.00	0.830 ^g	25.0	2.11
1,3-Dichlorobenzene	14,305	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,305	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,305	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,305	1.00	0.390 ^g	10.0	1.79
Naphthalene	14,305	1.00	0.800 ^g	25.0	2.18
1,2,3-Trichlorobenzene	14,305	1.00	0.390 ^g	10.0	1.79
2-Methylnaphthalene	14,305	1.00	0.760 ^g	25.0	2.30
TPH C5-C8	14,305	1.00	0.590	5,000.0	592
TPH C9-C15	14,305	1.00	0.690	5,000.0	507

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-39 **Sample Name:** 06R_SG_39_20231120

Vinyl Chloride	14,303	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,303	1.00	0.330	10.0	2.12
Methylene Chloride	14,303	1.00	0.350 ^g	10.0	2.00
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,303	1.00	0.890 ^g	10.0	0.79
trans-1,2-Dichloroethene	14,303	1.00	0.440	10.0	1.59
Methyl-t-butyl ether	14,303	1.00	0.500 ^g	25.0	3.50
1,1-Dichloroethane	14,303	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,303	1.00	0.530	10.0	1.32
Chloroform	14,303	1.00	0.350 ^g	10.0	2.00
1,2-Dichloroethane	14,303	1.00	0.560	10.0	1.25
1,1,1-Trichloroethane	14,303	1.00	1.050	10.0	0.67
Carbon Tetrachloride	14,303	1.00	0.430 ^g	10.0	1.63
Benzene	14,303	1.00	0.530	25.0	3.30
Trichloroethene	14,303	1.00	0.330	10.0	2.12
1,4-Dioxane	14,303	1.00	0.410 ^g	10.0	1.71
1,1,2-Trichloroethane	14,303	1.00	0.330 ^g	10.0	2.12
Toluene	14,303	1.00	0.400	25.0	4.37
1,2-Dibromoethane (EDB)	14,303	1.00	0.390 ^g	10.0	1.79
Tetrachloroethene	14,303	1.00	0.410	10.0	1.71
1,1,1,2-Tetrachloroethane	14,303	1.00	0.410 ^g	10.0	1.71
Chlorobenzene	14,303	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,303	1.00	0.850	25.0	2.06
p & m-Xylene	14,303	1.00	0.880	25.0	1.99
o-Xylene	14,303	1.00	0.880	25.0	1.99
1,2,3-Trichloropropane	14,303	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,303	1.00	0.830 ^g	25.0	2.11
1,3,5-Trimethylbenzene	14,303	1.00	0.830 ^g	25.0	2.11
1,2,4-Trimethylbenzene	14,303	1.00	0.830 ^g	25.0	2.11
1,3-Dichlorobenzene	14,303	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,303	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,303	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,303	1.00	0.390 ^g	10.0	1.79
Naphthalene	14,303	1.00	0.800 ^g	25.0	2.18
1,2,3-Trichlorobenzene	14,303	1.00	0.390 ^g	10.0	1.79
2-Methylnaphthalene	14,303	1.00	0.760 ^g	25.0	2.30
TPH C5-C8	14,303	1.00	0.590	5,000.0	593
TPH C9-C15	14,303	1.00	0.690	5,000.0	507

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Method Detection and Reporting Limit Calculations (Concentration)
EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m ³
---------	-------------------------------	--------------------------	---------------------	------------------------	--

Lab ID: 0007323-40 **Sample Name:** 06R_SG_40_20231120

Vinyl Chloride	14,300	1.00	0.810	10.0	0.86
1,1-Dichloroethene	14,300	1.00	0.330	10.0	2.12
Methylene Chloride	14,300	1.00	0.350 ^g	10.0	2.00
1,1,2-Trichlorotrifluoroethane (Fr.113)	14,300	1.00	0.890 ^g	10.0	0.79
trans-1,2-Dichloroethene	14,300	1.00	0.440	10.0	1.59
Methyl-t-butyl ether	14,300	1.00	0.500 ^g	25.0	3.50
1,1-Dichloroethane	14,300	1.00	0.850	10.0	0.82
cis-1,2-Dichloroethene	14,300	1.00	0.530	10.0	1.32
Chloroform	14,300	1.00	0.350 ^g	10.0	2.00
1,2-Dichloroethane	14,300	1.00	0.560	10.0	1.25
1,1,1-Trichloroethane	14,300	1.00	1.050	10.0	0.67
Carbon Tetrachloride	14,300	1.00	0.430 ^g	10.0	1.63
Benzene	14,300	1.00	0.530	25.0	3.30
Trichloroethene	14,300	1.00	0.330	10.0	2.12
1,4-Dioxane	14,300	1.00	0.410 ^g	10.0	1.71
1,1,2-Trichloroethane	14,300	1.00	0.330 ^g	10.0	2.12
Toluene	14,300	1.00	0.400	25.0	4.37
1,2-Dibromoethane (EDB)	14,300	1.00	0.390 ^g	10.0	1.79
Tetrachloroethene	14,300	1.00	0.410	10.0	1.71
1,1,1,2-Tetrachloroethane	14,300	1.00	0.410 ^g	10.0	1.71
Chlorobenzene	14,300	1.00	0.850 ^g	10.0	0.82
Ethylbenzene	14,300	1.00	0.850	25.0	2.06
p & m-Xylene	14,300	1.00	0.880	25.0	1.99
o-Xylene	14,300	1.00	0.880	25.0	1.99
1,2,3-Trichloropropane	14,300	1.00	0.750 ^g	10.0	0.93
Isopropylbenzene	14,300	1.00	0.830 ^g	25.0	2.11
1,3,5-Trimethylbenzene	14,300	1.00	0.830 ^g	25.0	2.11
1,2,4-Trimethylbenzene	14,300	1.00	0.830 ^g	25.0	2.11
1,3-Dichlorobenzene	14,300	1.00	0.750 ^g	10.0	0.93
1,4-Dichlorobenzene	14,300	1.00	0.750 ^g	10.0	0.93
1,2-Dichlorobenzene	14,300	1.00	0.750 ^g	10.0	0.93
1,2,4-Trichlorobenzene	14,300	1.00	0.390 ^g	10.0	1.79
Naphthalene	14,300	1.00	0.800 ^g	25.0	2.19
1,2,3-Trichlorobenzene	14,300	1.00	0.390 ^g	10.0	1.79
2-Methylnaphthalene	14,300	1.00	0.760 ^g	25.0	2.30
TPH C5-C8	14,300	1.00	0.590	5,000.0	593
TPH C9-C15	14,300	1.00	0.690	5,000.0	507

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Site Name: Werners Cleaners Site Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Lab Work Order: 0007323 Reported: 12/06/2023
---	---	--

Laboratory Certification List

Certification ID	Certification No.	Description	Expires	Project Required
Alaska CS-LAP	19-002	Alaska Department of Environmental Conservation	12/30/2024	
DoD-ELAP	72690/L22-563	United States Department of Defense Environmental Laboratory Accreditation	11/30/2024	
ISO/IEC 17025:2017	72690/L22-563	General Requirements for the Competence of Testing and Calibration Laboratories	11/30/2024	
NEFAP	72690/L22-564	TNI National Environmental Field Activities Program (NEFAP)	11/30/2024	
NY-NELAC	12097	New York Department of Health	04/01/2024	
Utah-NELAC	MD010912022-12	Utah Department of Health	12/31/2023	

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Qualifiers/Notes and Definitions

General Definitions:

DF	Dilution Factor
DL	Detection Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
NA	Not Applicable
Q	Qualifier
RPD	Relative Percent Difference
RT	Retention Times in Minutes
RRT	Evaluation of Relative Retention Times in RRT Units (qualified if outside ± 0.06 control limits)
3σ	Uncertainty
∉	Compound not on scope of accreditation
+	values are outside method/contract required QC limits
∅	Compound not on scope of accreditation and analyzed with a one-point calibration

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Site Name: Werners Cleaners
Site Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Lab Work Order: 0007323
Reported: 12/06/2023

Sample Management Records

Project Information			Client Information				
Site Name: <u>Werners Cleaners</u>			Company Name: <u>The Signe Group Inc</u>		Project Manager: <u>Stephen Meier</u>		
Site Location: <u>Kenosha WI</u>			Office Location: <u>1300 Walnut St Milwaukee WI</u>		Client PO: <u>21985</u>		
			Submitted by: <u>Chelsea Engrath</u>		Turn around time (check one):		
			Email: <u>smeier@thesigne.com</u>		<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush (specify) _____ days		
Field Sample ID	Start Date	Start Time	Stop Date	Stop Time	Sampling Hole Depth <input type="checkbox"/> cm <input checked="" type="checkbox"/> inches	Surface Type (Soil, Asphalt, Concrete, Gravel)	Optional Information (Location Description, Sample Condition, PID / FID Readings, etc)
<u>OK-SG-01-20231120</u>	<u>11/9</u>	<u>120</u>	<u>11/20</u>	<u>1125</u>	<u>36</u>	<u>Soil</u>	
<u>OK-SG-02-20231120</u>	<u>11/9</u>	<u>127</u>	<u>11/20</u>	<u>1131</u>	<u>36</u>		
<u>OK-SG-03-20231120</u>	<u>11/9</u>	<u>135</u>	<u>11/20</u>	<u>1135</u>	<u>36</u>		
<u>OK-SG-04-20231120</u>	<u>11/9</u>	<u>144</u>	<u>11/20</u>	<u>1127</u>	<u>36</u>		
<u>OK-SG-05-20231120</u>	<u>11/9</u>	<u>150</u>	<u>11/20</u>	<u>1128</u>	<u>36</u>		
<u>OK-SG-06-20231120</u>	<u>11/9</u>	<u>200</u>	<u>11/20</u>	<u>1134</u>	<u>36</u>		
<u>OK-SG-07-20231120</u>	<u>11/9</u>	<u>411</u>	<u>11/20</u>	<u>1136</u>	<u>36</u>	<u>asphalt</u>	
<u>OK-SG-08-20231120</u>	<u>11/9</u>	<u>220</u>	<u>11/20</u>	<u>1138</u>	<u>36</u>	<u>Soil</u>	
<u>OK-SG-09-20231120</u>	<u>11/9</u>	<u>230</u>	<u>11/20</u>	<u>1140</u>	<u>36</u>		
<u>OK-SG-10-20231120</u>	<u>11/9</u>	<u>230</u>	<u>11/20</u>	<u>1123</u>	<u>36</u>		
<u>OK-SG-11-20231120</u>	<u>11/10</u>	<u>820</u>	<u>11/20</u>	<u>952</u>	<u>36</u>		
<u>OK-SG-12-20231120</u>	<u>11/10</u>	<u>817</u>	<u>11/20</u>	<u>947</u>	<u>36</u>		
<u>OK-SG-13-20231120</u>	<u>11/10</u>	<u>820</u>	<u>11/20</u>	<u>947</u>	<u>36</u>		
<u>OK-SG-14-20231120</u>	<u>11/10</u>	<u>835</u>	<u>11/20</u>	<u>945</u>	<u>36</u>		
<u>OK-SG-15-20231120</u>	<u>11/10</u>	<u>830</u>	<u>11/20</u>	<u>950</u>	<u>36</u>	<u>asphalt</u>	
<u>OK-SG-16-20231120</u>	<u>11/10</u>	<u>837</u>	<u>11/20</u>	<u>933</u>	<u>36</u>	<u>Soil</u>	
<u>OK-SG-17-20231120</u>	<u>11/10</u>	<u>842</u>	<u>11/20</u>	<u>932</u>	<u>36</u>		
<u>OK-SG-18-20231120</u>	<u>11/10</u>	<u>848</u>	<u>11/20</u>	<u>930</u>	<u>36</u>		
<u>OK-SG-19-20231120</u>	<u>11/10</u>	<u>853</u>	<u>11/20</u>	<u>925</u>	<u>36</u>		
<u>OK-SG-20-20231120</u>	<u>11/10</u>	<u>857</u>	<u>11/20</u>	<u>920</u>	<u>36</u>	<u>Concrete</u>	
Special Instructions: <u>Analyze compounds listed on associated proposal</u>							
For Lab Use Only		Beacon Job No: <u>7323</u>		Beacon Proposal: <u>230609R01</u>		Analytical Method:	

FedEx Condition: Good custody seal: in tact 5722443

Michelle Pfeiffer 11/27/23 13:08

Project Information				Client Information			
Site Name: <i>Werners Cleaners</i>				Company Name: <i>The Sigma Group Inc</i>		Project Manager: <i>Stephen Mar</i>	
Site Location: <i>Kenosha WI</i>				Office Location: <i>1300 W Canal St Milwaukee WI</i>		Client PO: <i>21985</i>	
				Submitted by: <i>Chelsea Egnatch</i>		Turn around time (check one):	
				Email: <i>Smeere@thesigma.com</i>		<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush (specify) ___ days	
Field Sample ID	Start Date	Start Time	Stop Date	Stop Time	Sampling Hole Depth <input type="checkbox"/> cm <input checked="" type="checkbox"/> inches	Surface Type (Soil, Asphalt, Concrete, Gravel)	Optional Information (Location Description, Sample Condition, PID / FID Readings, etc)
<i>Del-SG-21-2023/120</i>	<i>11/10</i>	<i>930</i>	<i>11/20</i>	<i>920</i>	<i>36</i>	<i>Soil</i>	
<i>Del-SG-22-2023/120</i>	<i>11/10</i>	<i>935</i>	<i>11/20</i>	<i>917</i>	<i>36</i>	↓	
<i>Del-SG-23-2023/120</i>	<i>11/10</i>	<i>945</i>	<i>11/20</i>	<i>910</i>	<i>36</i>	↓	
<i>Del-SG-24-2023/120</i>	<i>11/10</i>	<i>950</i>	<i>11/20</i>	<i>908</i>	<i>36</i>	↓	
<i>Del-SG-25-2023/120</i>	<i>11/10</i>	<i>955</i>	<i>11/20</i>	<i>900</i>		↓	
<i>Del-SG-26-2023/120</i>	<i>11/10</i>	<i>1010</i>	<i>11/20</i>	<i>843</i>		<i>Concrete</i>	
<i>Del-SG-27-2023/120</i>	<i>11/10</i>	<i>1017</i>	<i>11/20</i>	<i>840</i>		<i>Soil</i>	
<i>Del-SG-28-2023/120</i>	<i>11/10</i>	<i>1030</i>	<i>11/20</i>	<i>836</i>		↓	
<i>Del-SG-29-2023/120</i>	<i>11/10</i>	<i>1040</i>	<i>11/20</i>	<i>820</i>		<i>Concrete</i>	
<i>Del-SG-30-2023/120</i>	<i>11/10</i>	<i>1050</i>	<i>11/20</i>	<i>815</i>		↓	
<i>Del-SG-31-2023/120</i>	<i>11/10</i>	<i>1100</i>	<i>11/20</i>	<i>850</i>		<i>Soil</i>	
<i>Del-SG-32-2023/120</i>	<i>11/10</i>	<i>1125</i>	<i>11/20</i>	<i>1034</i>		<i>Gravel</i>	
<i>Del-SG-33-2023/120</i>	<i>11/10</i>	<i>1135</i>	<i>11/20</i>	<i>1045</i>		↓	
<i>Del-SG-34-2023/120</i>	<i>11/10</i>	<i>1145</i>	<i>11/20</i>	<i>1046</i>		↓	
<i>Del-SG-35-2023/120</i>	<i>11/10</i>	<i>1155</i>	<i>11/20</i>	<i>1055</i>		↓	
<i>Del-SG-36-2023/120</i>	<i>11/10</i>	<i>1215</i>	<i>11/20</i>	<i>1056</i>		↓	
<i>Del-SG-37-2023/120</i>	<i>11/10</i>	<i>1230</i>	<i>11/20</i>	<i>1100</i>		↓	
<i>Del-SG-38-2023/120</i>	<i>11/10</i>	<i>1240</i>	<i>11/20</i>	<i>1105</i>		↓	
<i>Del-SG-39-2023/120</i>	<i>11/10</i>	<i>1247</i>	<i>11/20</i>	<i>1110</i>		↓	
<i>Del-SG-40-2023/116</i>	<i>11/10</i>	<i>1257</i>	<i>11/20</i>	<i>1117</i>		↓	
Special Instructions: <i>analyze compounds listed on associated proposal</i>							
For Lab Use Only		Beacon Job No: <i>7323</i>		Beacon Proposal: <i>230609R01</i>		Analytical Method:	



Beacon Environmental
2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Beacon Proposal No.: 230609R01

Beacon Project No.: 0007323

Project Description:

Project Site: Werners Cleaners
Kenosha, WI

Client PO No.: 21985

Prepared for:
Steve Meer

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Ryan W. Schneider
Senior Project Manager

December 13, 2023

All data meet requirements as specified in the Beacon Environmental Services, Inc. Quality Assurance Project Plan and the results relate only to the samples reported. The work performed was in accordance with ISO/IEC 17025:2017 requirements, except samples were analyzed within a 24-hour tune window and TPH is not included in BEACON's scope of accreditation. This report shall not be reproduced, except in full, without written approval of the laboratory. Release of the data contained in this data package has been authorized by the Laboratory Director or his signee, as verified by the following signatures:

Steven C. Thornley
Laboratory Director

Peter B. Kelly
Quality Manager

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Project Site: Werners Cleaners
Project Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Beacon Project No.: 0007323
Reported: 12/13/2023

Summary of Compound Detections - Concentration

Instrument File ID:	C23112912.D	06R_SG_07_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-07	Soil Gas	Analyzed:	11/29/2023 18:13

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
p & m-Xylene	179601-23-1	6.56		1.81
o-Xylene	95-47-6	2.19		1.81

Instrument File ID:	C23112914.D	06R_SG_09_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-09	Soil Gas	Analyzed:	11/29/2023 19:08

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Benzene	71-43-2	13.9		3.01

Instrument File ID:	C23112915.D	06R_SG_10_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-10	Soil Gas	Analyzed:	11/29/2023 19:36

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Benzene	71-43-2	6.65		3.01

Instrument File ID:	C23112916.D	06R_SG_11_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-11	Soil Gas	Analyzed:	11/29/2023 20:05

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Benzene	71-43-2	3.31		3.25

Instrument File ID:	C23112917.D	06R_SG_12_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-12	Soil Gas	Analyzed:	11/29/2023 20:33

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Tetrachloroethene	127-18-4	3.66		1.68

The Sigma Group
 1300 West Canal Street
 Milwaukee, WI 53233

Project Site: Werners Cleaners
Project Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Beacon Project No.: 0007323
Reported: 12/13/2023

Summary of Compound Detections - Concentration

Instrument File ID:	C23112918.D	06R_SG_13_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-13	Soil Gas	Analyzed:	11/29/2023 21:01

Analyte	CAS#	Result (µg/m ³)	Q	LOQ (µg/m ³)
Tetrachloroethene	127-18-4	2.81		1.68

Instrument File ID:	C23112922.D	06R_SG_17_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-17	Soil Gas	Analyzed:	11/29/2023 22:53

Analyte	CAS#	Result (µg/m ³)	Q	LOQ (µg/m ³)
Tetrachloroethene	127-18-4	8.57		1.69

Instrument File ID:	C23112923.D	06R_SG_18_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-18	Soil Gas	Analyzed:	11/29/2023 23:20

Analyte	CAS#	Result (µg/m ³)	Q	LOQ (µg/m ³)
cis-1,2-Dichloroethene	156-59-2	3.63		1.31
Benzene	71-43-2	5.08		3.27
Trichloroethene	79-01-6	207		2.10
Tetrachloroethene	127-18-4	1,420		1.69

Instrument File ID:	C23112924.D	06R_SG_19_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-19	Soil Gas	Analyzed:	11/29/2023 23:48

Analyte	CAS#	Result (µg/m ³)	Q	LOQ (µg/m ³)
Tetrachloroethene	127-18-4	7.54		1.69

Instrument File ID:	C23112926.D	06R_SG_21_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-21	Soil Gas	Analyzed:	11/30/2023 00:45

Analyte	CAS#	Result (µg/m ³)	Q	LOQ (µg/m ³)
Benzene	71-43-2	4.82		3.28

The Sigma Group
1300 West Canal Street
Milwaukee, WI 53233

Project Site: Werners Cleaners
Project Location: Kenosha, WI
Project Manager: Steve Meer

Beacon Proposal: 230609R01
Beacon Project No.: 0007323
Reported: 12/13/2023

Summary of Compound Detections - Concentration

Instrument File ID:	C23112941.D	06R_SG_36_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-36	Soil Gas	Analyzed:	11/30/2023 07:45

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Benzene	71-43-2	3.84		3.29

Instrument File ID:	C23112942.D	06R_SG_37_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-37	Soil Gas	Analyzed:	11/30/2023 08:13

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Benzene	71-43-2	3.81		3.30

Instrument File ID:	C23112943.D	06R_SG_38_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-38	Soil Gas	Analyzed:	11/30/2023 08:40

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Benzene	71-43-2	4.56		3.30
Tetrachloroethene	127-18-4	20.8		1.71

Instrument File ID:	C23112944.D	06R_SG_39_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-39	Soil Gas	Analyzed:	11/30/2023 09:08

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
trans-1,2-Dichloroethene	156-60-5	5.82		1.59
cis-1,2-Dichloroethene	156-59-2	13.5		1.32
Trichloroethene	79-01-6	157		2.12
Tetrachloroethene	127-18-4	648		1.71

Instrument File ID:	C23112945.D	06R_SG_40_20231120	Method:	EPA 8260C
Lab Sample ID:	0007323-40	Soil Gas	Analyzed:	11/30/2023 09:36

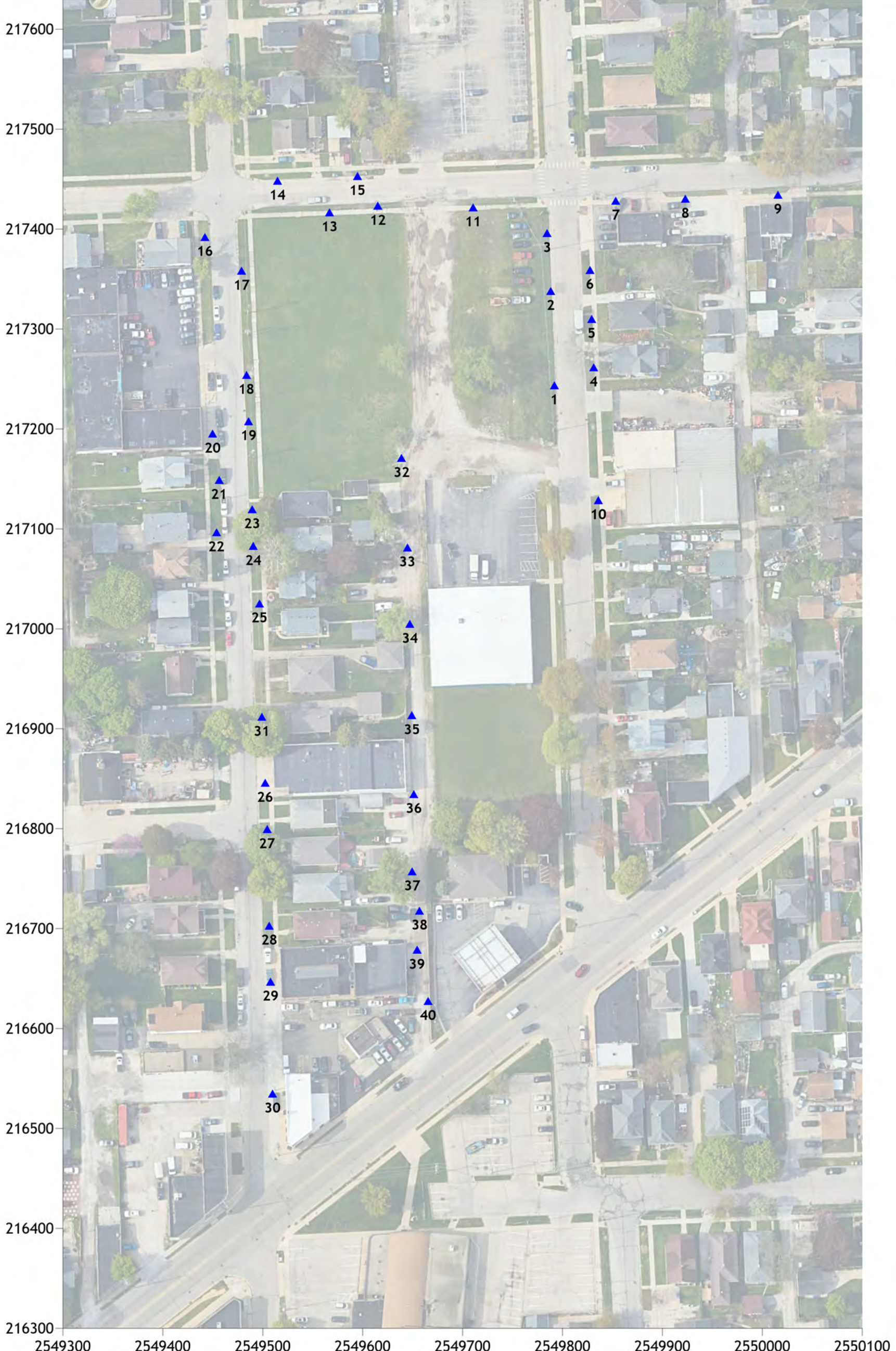
Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Tetrachloroethene	127-18-4	16.3		1.71

The Sigma Group 1300 West Canal Street Milwaukee, WI 53233	Project Site: Werners Cleaners Project Location: Kenosha, WI Project Manager: Steve Meer	Beacon Proposal: 230609R01 Beacon Project No.: 0007323 Reported: 12/13/2023
---	---	--

Map Data Summary Table

Sample locations are shown on **Figure 1**. The following table lists number of detections on field samples from the current survey, the reporting limit, and the maximum value for each mapped compound. The table also includes the transformation and interpolation method for the compound distribution maps provided.

Figure No.	Compound	Number of Detections	LOQ (µg/m³)	Max Value (µg/m³)	Transformation Method	Interpolation Method
2	Trichloroethene	2	1.93	207	Log	Kriging
3	Tetrachloroethene	8	1.55	1,420	Log	Kriging

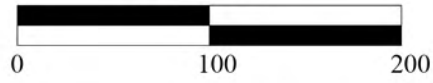


System: State Plane
 Zone: Wisconsin South
 Datum: NAD83(2011) (EPSG:6609)
 Coordinate Units: ftUS

LEGEND

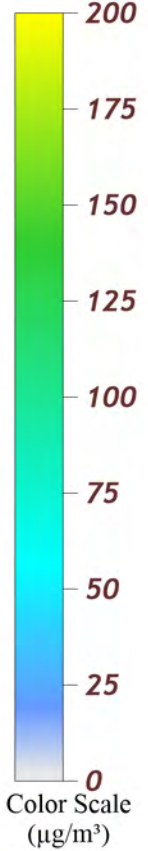
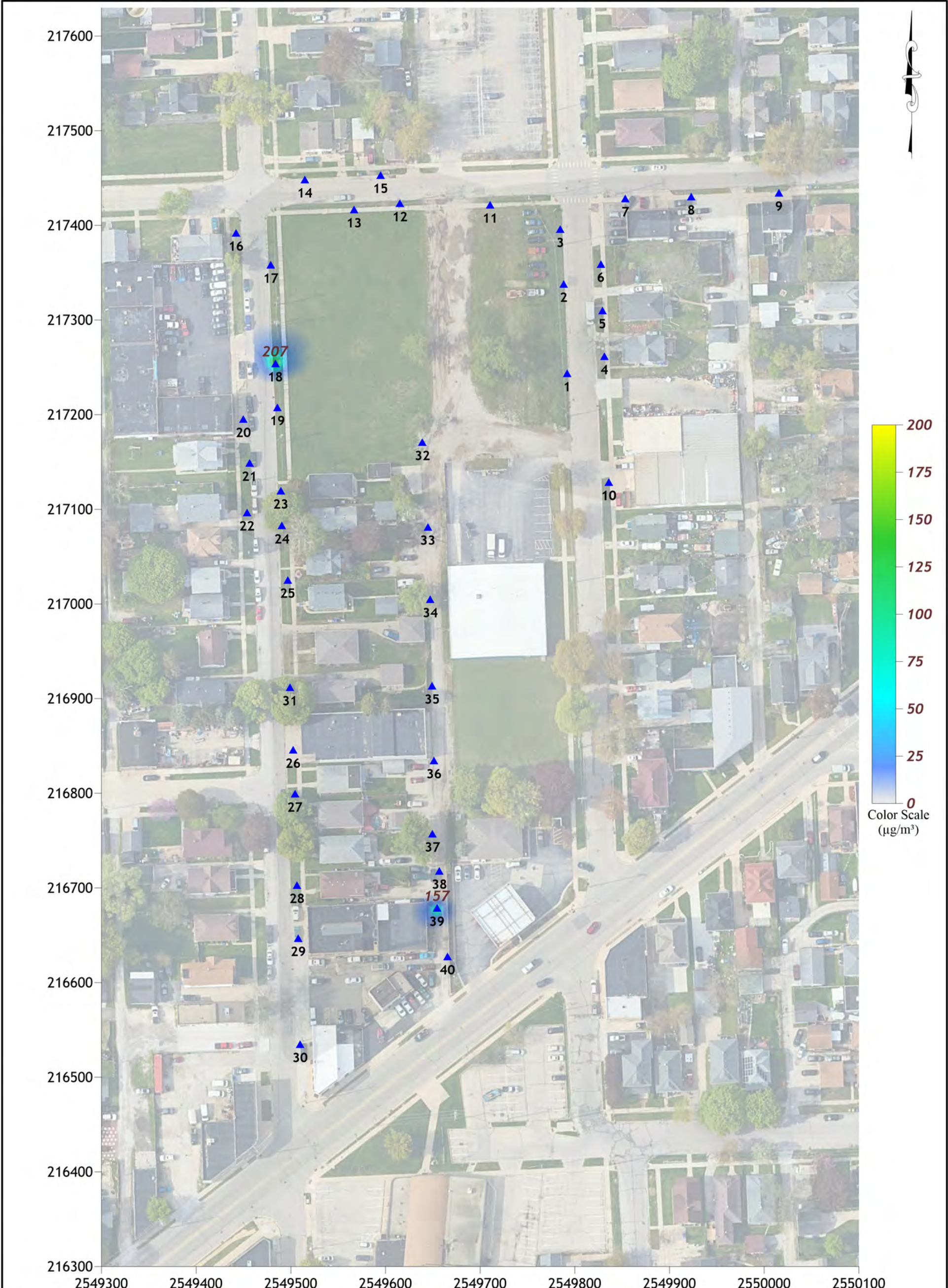
▲ PASSIVE SOIL-GAS SAMPLE LOCATION

Scale in Feet



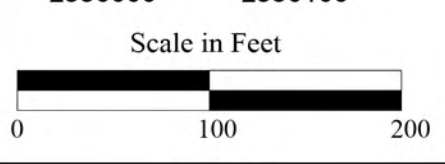
BEACON ENVIRONMENTAL
 2203A Commerce Road, Suite 1, Forest Hill, MD 21050 USA
 www.Beacon-USA.com 1-410-838-8780
 Beacon Project No. 7323, November 2023

Figure 1
Passive Soil-Gas Survey
Sample Locations
Werners Cleaners
Kenosha, WI



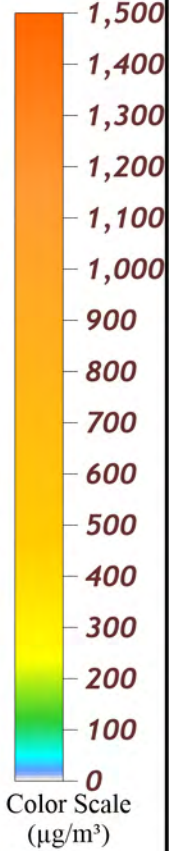
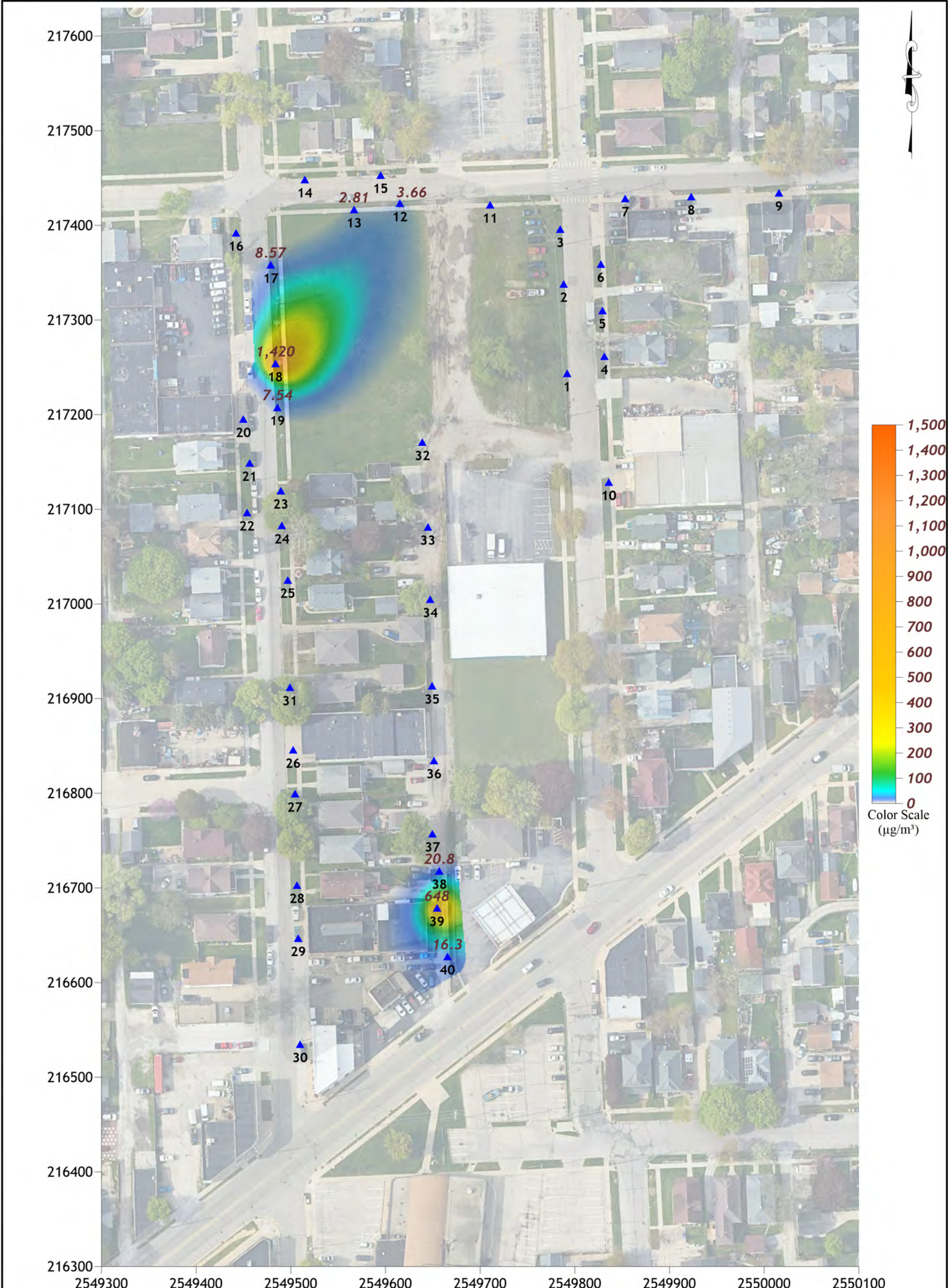
System: State Plane
 Zone: Wisconsin South
 Datum: NAD83(2011) (EPSG:6609)
 Coordinate Units: ftUS

LEGEND
 1,000 MICROGRAMS/CUBIC METER
 ▲ PASSIVE SOIL-GAS SAMPLE LOCATION



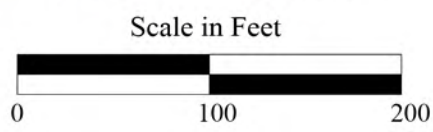
BEACON ENVIRONMENTAL
 2203A Commerce Road, Suite 1, Forest Hill, MD 21050 USA
 www.Beacon-USA.com 1-410-838-8780
 Beacon Project No. 7323, November 2023

Figure 2
Passive Soil-Gas Survey
Trichloroethene
Werners Cleaners
Kenosha, WI



System: State Plane
 Zone: Wisconsin South
 Datum: NAD83(2011) (EPSG:6609)
 Coordinate Units: ftUS

LEGEND
 1,000 MICROGRAMS/CUBIC METER
 ▲ PASSIVE SOIL-GAS SAMPLE LOCATION



BEACON ENVIRONMENTAL
 2203A Commerce Road, Suite 1, Forest Hill, MD 21050 USA
 www.Beacon-USA.com 1-410-838-8780
 Beacon Project No. 7323, November 2023

Figure 3
Passive Soil-Gas Survey
Tetrachloroethene
Werners Cleaners
Kenosha, WI