



ARKANSAS DEPARTMENT OF ENERGY AND ENVIRONMENT

AIR QUALITY ASSESSMENT REPORT

Tontitown, Arkansas

April 28-May 1, 2024

PROJ-040650

Report Submitted on June 30, 2024

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1.0 INTRODUCTION

From April 28 to May 1, 2024, CTEH®, LLC (CTEH) personnel conducted an air quality assessment near the Waste Management (WM) landfill on Arbor Acres Avenue in Tontitown, Arkansas as requested by the Arkansas Department of Energy and Environment (ADEE). This air quality assessment was performed as follow-up to the previous air quality assessment conducted by CTEH from February 5 to February 8, 2024, near the WM landfill. From April 28 to May 1, analytical air sampling was conducted each day for volatile organic compounds (VOCs) and hydrogen sulfide (H₂S) at ten locations selected by ADEE and CTEH near the WM landfill. Four analytical air sampling locations were identified by ADEE further away from the landfill to provide additional evaluation of potential background VOC and H₂S concentrations. CTEH personnel also conducted real-time air monitoring at each of the fourteen analytical air sampling locations and in various locations surrounding the landfill for benzene, H₂S, oxygen (O₂), VOCs, sulfur dioxide (SO₂), and atmospheric flammability as a percentage of the lower explosive limit (%LEL).

2.0 METHODS

2.1 Real-Time Air Monitoring Methods

Prior to beginning the air quality assessment, CTEH personnel developed an Air Sampling and Analysis Plan (SAP; **Attachment A**) to document and quantify airborne concentrations of constituents associated with off-gassing of decomposing general and household waste. The SAP includes the air monitoring and sampling strategy and instrumentation used by CTEH personnel. Real-time air monitoring refers to the use of direct-reading instruments to provide a near-instantaneous readout of a chemical concentration in air. Handheld real-time air monitoring was conducted in accordance with the Community Monitoring plan in the SAP. Community Monitoring was performed at locations surrounding the WM landfill including the fourteen analytical air sampling locations. All handheld real-time air monitoring was conducted at a height representative of the breathing zone.

Handheld real-time air monitoring was conducted using RAE Systems by Honeywell MultiRAE instruments equipped with a 10.6 electron volt (eV) lamps in tandem with a photoionization detector (PID) for total VOCs, O₂, chemical specific sensors for H₂S and SO₂, and combustion sensor for %LEL. UltraRAE 3000s were equipped with a PID, 9.8 eV lamp, and benzene-specific separation tubes all used in tandem to monitor for the presence of benzene directly. All instrumentation was calibrated at least once per day or per manufacturer recommendations.

2.1.1 Acute Exposure Guideline Levels for Real-Time Air Monitoring

Acute Exposure Guideline Levels (AEGLs) are used by emergency planners and responder worldwide as guidance in dealing with rare, usually accidental, releases of chemicals into the air (AEGL, 2024). AEGLs

are expressed as specific concentrations of airborne chemicals at which health effects may occur, and are designed to protect the elderly and children, and other individuals who may be susceptible. AEGLs are calculated for five relatively short exposure periods – 10 minutes, 30 minutes, 1 hour, 4 hours, and 8 hours – as differentiated from other community air standards and guidelines that are based on longer or repeated exposures. AEGL “levels” are dictated by the severity of toxic effects caused by the exposure, with Level 1 being the least and Level 3 being the most severe. Level 1 AEGLs (i.e., AEGL-1 values) are the airborne concentration of a substance above which it is predicted that the general population, including susceptible individuals, could experience notable discomfort, irritation, or certain asymptomatic, nonsensory effects. However, these effects are not disabling and are transient and reversible upon cessation of exposure. AEGL-1 values for benzene, hydrogen sulfide, and sulfur dioxide are provided in **Table 1**.

Air quality parameters such as O₂ and %LEL have industry-specific guidelines for occupational settings, whereas some parameters have no established comparison values. The normal atmospheric range for O₂ is 19.5-23.5% per 29 CFR 1910.134 (OSHA, 2019). In a standard environment, %LEL should not be detected. VOCs as a group do not have any established standards or guidelines; VOC monitoring was conducted to supplement air sampling.

Table 1 Acute Exposure Guideline Levels (AEGL-1)

Analyte	AEGL-1 Value (ppm)*				
	10 min	30 min	60 min	4 hr	8 hr
Benzene	130	73	52	18	9.0
H ₂ S	0.75	0.60	0.51	0.36	0.33
SO ₂	0.20	0.20	0.20	0.20	0.20

*AEGL-1 values are the airborne concentration of a substance above which it is predicted that the general population, including susceptible individuals, could experience notable discomfort, irritation, or certain asymptomatic, nonsensory effects. However, these effects are not disabling and are transient and reversible upon cessation of exposure.
ppm = parts per million

2.2 Analytical Air Sampling Methods

Analytical air sampling refers to the collection of discrete quantities of air using containers or chemical-specific media for further analysis by an off-site, accredited laboratory. Laboratory analysis of air samples provides chemical-specific results at lower chemical detection limits than real-time instrumentation; albeit a delay is required to receive the results of analytical air samples.

Analytical air sampling stations were established at ten locations near the WM landfill, selected by ADEE and CTEH. Four analytical air sampling locations were identified by ADEE further away from the WM landfill to provide additional evaluation of potential background VOC and H₂S concentrations. A map illustrating the locations of analytical air sampling is provided in **Attachment B**.

Analytical air samples for VOCs were collected using 6-liter evacuated canisters (SUMMA® canisters) with 24-hour flow control regulators to sample air over three 24-hour periods. These 24-hour air samples were analyzed for VOCs by the United States Environmental Protection Agency (USEPA) method TO-15 plus tentatively identified compounds (TICs). Air samples for H₂S were collected over a 72-hour period using passive Radiello® sampling badges collocated with each SUMMA® canister. H₂S samples were collected for analysis by the SGS Galson in-house method WET-SOP-13 (SGS, n.d.). A field blank for H₂S was also prepared and submitted to the laboratory for analysis as a quality control measure. All air samples were sent under chain of custody to SGS Galson, an AIHA-accredited laboratory. Level II data verification and level IV data validation were conducted by Environmental Standards on 100% and 10% of the analytical air samples, respectively.

Level II data verification is a systematic process that reviews sample chain of custody, holding time, and matrix/precision/and recovery. Level IV is tier II data validation. Data validation is a systematic procedure of reviewing a body of data against a set of established criteria to provide a specified level of assurance of its validity prior to use. The validation process includes checks for internal consistency, transmittal errors, and verification of laboratory capability. Additionally, the data are reviewed for detection limits, calibration records, target compound results, and sample results. The level II data verification and level IV data validation reports are provided in **Attachment F**.

2.2.1 Community Exposure Guidelines for Air Sampling

The USEPA has developed Regional Screening Levels (RSLs), which are risk-based concentrations that are considered to be protective for humans (including sensitive groups) over a lifetime (USEPA, 2024). RSLs are used by the USEPA to help identify areas, contaminants, and conditions that require further attention at a particular site. Generally, when contaminant levels fall below the RSLs, no further action or study is warranted. Chemical concentrations above the RSL would not automatically designate a site as “dirty” or trigger a response action; however, exceeding an RSL suggests that further evaluation is appropriate. Results of air samples collected from April 28 to May 1 were evaluated by comparison to USEPA Resident Air RSLs, where established.

3.0 RESULTS AND DISCUSSION

Maps illustrating the locations of real-time air monitoring and analytical air sampling are provided in **Attachment B**. Real-time air monitoring results are summarized in **Section 3.1**. Analytical air sampling results for VOCs and H₂S are provided in **Attachment D** and **Attachment E**, respectively, and are discussed in **Section 3.2**. The laboratory reports for air samples are provided in **Attachment F**.

Wind roses illustrating wind speed and direction recorded at local weather stations (Springdale Municipal Airport, Fayetteville/Drake Public Airport) from April 28 to May 1, 2024, are provided in **Attachment G**.

Cumulative wind roses for the April 28 to May 1 time period are provided for each weather station. As illustrated in **Attachment G**, the predominant wind direction at these local weather stations was to the north and north-northwest from April 28 to May 1, 2024.

3.1 Real-Time Air Monitoring Results and Discussion

A total of 696 real-time air monitoring readings were collected with handheld instruments from April 28 to May 1, 2024. The results of real-time air monitoring are summarized in **Table 2**, and maps illustrating the locations of real-time air monitoring are provided in **Attachment B**.

Table 2 Community Monitoring Handheld Real-Time Air Monitoring Results

Analyte	Instrument	Number of Readings	Number of Detections	Concentration Range*
Benzene	UltraRAE 3000	116	0	< 0.01 ppm
H ₂ S	MultiRAE Pro	116	0	< 0.1 ppm
%LEL	MultiRAE Pro	116	0	< 1 %
O ₂	MultiRAE Pro	116	116	20.9 %
SO ₂	MultiRAE Pro	116	0	< 0.1 ppm
VOCs	MultiRAE Pro	116	0	< 0.1 ppm

*If no detections were observed, the instrument detection limit is listed in this column.
ppm = parts per million

Real-time air monitoring results for benzene, H₂S, %LEL, SO₂, and VOCs were below instrument detection limits and below available AEGL-1 concentrations. O₂ concentrations were 20.9% at all locations and typical of normal environments.

3.2 Analytical Air Sampling Results and Discussion

In February 2024, analytical air sampling performed by CTEH for VOCs at locations near the WM landfill on Arbor Acres Avenue in Tontitown, Arkansas detected acrolein and benzene at concentrations above their respective USEPA Resident Air RSLs. At the request of ADEE, from April 28 to May 1, 2024, CTEH performed additional analytical air sampling at locations surrounding the WM landfill, along with four additional locations selected by ADEE to represent background conditions in the region. A map illustrating the locations of analytical air sampling from April 28 to May 1 is provided in **Attachment B**.

A review of the analytical air sampling results collected by CTEH from April 28 to May 1 noted detections of acrolein, benzene, carbon tetrachloride, chloroform, and naphthalene at concentrations above their respective USEPA Resident Air RSLs. No other detected VOCs exceeded their respective USEPA RSLs. There were no detections of H₂S at sampling locations near the WM landfill or background sampling locations.

Analytical air sampling results for chemicals that exceeded a USEPA Resident Air RSL are summarized in a table provided in **Attachment C** and are discussed below. Analytical air sampling results for VOCs and H₂S are further summarized in tables included in **Attachment D** and **Attachment E**, respectively. The laboratory reports for air samples are provided in **Attachment F**.

3.2.1 Acrolein and Benzene

Analytical air sampling for VOCs during the April 28 to May 1 sampling event detected benzene and acrolein at concentrations above their respective USEPA Resident Air RSLs at locations surrounding the WM landfill and at background locations (**Attachment C**). Acrolein was detected at concentrations above the 0.009 ppb USEPA Resident Air RSL at all 10 locations surrounding the WM landfill (locations AS001 – AS010). Concentrations of acrolein detected at these 10 locations from April 28 to May 1 averaged 0.13 ppb and levels ranged from non-detect (<0.068 ppb) to 0.45 ppb. Benzene was detected above the 0.11 ppb USEPA Resident Air RSL at all 10 locations surrounding the WM landfill. Concentrations of benzene detected at these 10 locations from April 28 to May 1 averaged 0.15 ppb and levels ranged from non-detect (<0.044 ppb) to 0.34 ppb.

Benzene and acrolein were also detected at each of the four background sampling locations (locations AS011 – AS014) during the April 28 to May 1 sampling event. Acrolein was detected at concentrations above the 0.009 ppb USEPA Resident Air RSL at all four background sampling locations. Concentrations of acrolein detected at these four background locations averaged 0.13 ppb and levels ranged from non-detect (<0.068 ppb) to 0.18 ppb. Benzene concentrations were above the 0.11 ppb USEPA RSL in analytical air samples collected at three of the four background sampling locations (locations AS011, AS012, and AS014). Benzene was also detected at background sampling location AS013 at concentrations below the USEPA RSL. Concentrations of benzene detected at the four background sampling locations averaged 0.10 ppb and ranged from 0.075 ppb (J)¹ – 0.14 ppb.

As noted above, wind direction recorded at local weather stations (Springdale Municipal Airport, Fayetteville/Drake Public Airport) over the April 28 to May 1 timeframe indicated that the predominant wind directions at these weather stations were to the north and north-northwest (**Attachment G**). Based on these local wind conditions, detections of acrolein and benzene over the April 28 to May 1 timeframe were observed at locations that would be considered downwind, crosswind, and upwind of the WM landfill. The average acrolein and benzene concentrations at locations north of the WM Landfill (AS001, AS002, AS003, AS004, and AS005) were 0.14 ppb and 0.15 ppb, respectively. The average concentrations of acrolein and benzene detected at locations south of the WM Landfill (AS006, AS007, AS008, and AS010) were 0.12 ppb and 0.14 ppb, respectively.

¹ “(J)” indicates that the result is an estimate between the laboratory method detection limit and reporting limit.

According to the Agency for Toxic Substances and Disease Registry (ATSDR), benzene can be found in outdoor air in both rural and urban environments (ATSDR, 2007). Natural sources of benzene include crude oil seeps, forest fires, and plant volatiles. The ATSDR notes that major man-made sources of benzene include tobacco smoke, automobile exhaust, automobile refueling operations, and industrial emissions. Air around manufacturing plants that produce or use benzene and air around landfills and hazardous waste sites that contain benzene are additional sources of exposure. The average levels of benzene in outdoor air of cities across the United States have been reported to range from 0.02 ppb to 34 ppb. (ATSDR, 2007)

Acrolein is a reactive aldehyde that can be formed in burning tobacco, wood, plastics, gasoline and diesel fuel, and in the heating of animal and vegetable fats and oils at high temperatures (ATSDR, 2024a). The ATSDR notes that acrolein can be released to the environment in emissions from facilities that manufacture and use acrolein, from combustion processes (including automobile emissions and smoke from any type of fire), degradation of other pollutants, and from land disposal of some organic waste materials. The main route of acrolein exposure for the general population stems from smoking (cigarettes, e-cigarettes, marijuana), cooking with oils and fats, and building materials, which all contribute to acrolein levels in indoor air. Data from the USEPA National Air Quality System (AQS) shows that average acrolein concentrations in ambient air in the United States range between 0.062 and 0.591 ppb (ATSDR, 2024a).

3.2.2 Carbon Tetrachloride

Analytical air sampling during the April 28 to May 1 sampling event detected carbon tetrachloride at concentrations above its USEPA Resident Air RSL at locations surrounding the WM landfill and at background locations (**Attachment C**). Carbon tetrachloride was detected at concentrations above the 0.074 ppb USEPA Resident Air RSL at four of the ten locations surrounding the WM landfill (AS006, AS007, AS008, and AS010). Carbon tetrachloride was also detected at AS001, AS002, AS003, AS004, AS005, and AS009 locations around the WM landfill but concentrations were below the USEPA RSL at these locations. Concentrations of carbon tetrachloride detected at the ten locations surrounding the WM landfill averaged 0.072 ppb and levels ranged from non-detect (0.041 ppb) to 0.08 ppb (J).

Carbon tetrachloride was detected at concentrations above the 0.074 ppb USEPA Resident Air RSL at three of the four background sampling locations (locations AS011, AS012, and AS013). Carbon tetrachloride was also detected at background sampling location AS014 at concentrations below the USEPA RSL. Concentrations of carbon tetrachloride detected at the four background sampling locations averaged 0.072 ppb and ranged from 0.068 ppb to 0.078 ppb.

Local weather stations indicated predominant wind directions to the north and north-northwest over the April 28 to May 1 timeframe (**Attachment G**). Detections of carbon tetrachloride were observed at locations that would be considered downwind, crosswind, and upwind of the WM landfill. The average

concentration of carbon tetrachloride detected at locations north of the WM Landfill (AS001, AS002, AS003, AS004, and AS005) was 0.070 ppb. The average concentration of carbon tetrachloride detected at locations south of the WM Landfill (AS006, AS007, AS008, and AS010) was 0.073 ppb.

Carbon tetrachloride is a sweet-smelling chemical that has been produced in large quantities to make refrigeration fluid and propellants for aerosol cans (ATSDR, 2005). It was also used as a cleaning fluid (in industry and dry-cleaning establishments as a degreasing agent, and in households as a spot remover for clothing, furniture, and carpeting). Most of these uses were discontinued in the mid-1960s. Carbon tetrachloride was also used as a pesticide, but this was stopped in 1986. The ATSDR notes that carbon tetrachloride is regularly found in ambient air, with concentrations in air of 0.1 ppb being common around the world and somewhat higher levels (0.2 to 0.6 ppb) often found in cities (ATSDR, 2005).

3.2.3 Chloroform

Chloroform was detected at concentrations above its USEPA Resident Air RSL in two samples collected on April 29 and April 30, 2024, at sampling location AS006, located southwest of the WM landfill (**Attachment C**). Concentrations of chloroform detected in these two samples were 0.052 ppb (J) and 0.054 ppb (J), which are above the USEPA Resident Air RSL of 0.025 ppb for chloroform.

Chloroform was not detected at sampling location AS006 on April 28, and it was not detected at any of the other nine sampling locations around the WM landfill or at any of the four background sampling locations.

Based on data from local weather stations indicating that the predominant wind directions were to the north and north-northwest over the April 28 to May 1 timeframe (**Attachment G**), the AS006 sampling location would be considered crosswind of the WM landfill. Chloroform was not detected in samples collected at locations downwind of the WM landfill based on local weather data.

Chloroform is produced in the United States largely for use in manufacturing refrigerants and polymers for non-corrosive, waterproof, (ATSDR, 2024b) or nonstick liners used in steel pipes and reactors for the chemical and pharmaceutical industry. It is also used to produce coatings for nonstick cookware and waterproof, breathable fabrics. Chloroform is further produced naturally in the environment via biological and physical processes. Chloroform releases to the environment are expected to largely occur during the manufacture, loading, and transport of the chemical; however, chloroform releases can also result from its formation and subsequent volatilization from chlorinated waters including drinking water, domestic water use municipal and industrial wastewaters, process waters and effluent from the bleaching of pulp in pulp and paper mills, cooling-tower water, and swimming-pool and whirlpool-spa water. Due to chloroform's potential to be transported long distances in air and its natural production in the environment, chloroform has been detected in many remote locations. In 2022, the USEPA's National AQS

reported that chloroform concentrations measured in ambient air across the United States averaged 0.032 ppb with a maximum of 10.8 ppb (ATSDR, 2024b).

3.2.4 Naphthalene

Naphthalene was detected in one sample at a concentration above its USEPA Resident Air RSL on April 30, 2024, at background sampling location AS011 (**Attachment C**). The concentration of naphthalene in this sample was 0.17 ppb, which is above the USEPA Resident Air RSL of 0.016 ppb for naphthalene.

Naphthalene was not detected at AS011 on April 28 or April 29, and it was not detected at any of the ten sampling locations around the WM landfill or at any of the other three background sampling locations.

Naphthalene occurs naturally in fossil fuels such as petroleum and coal, and is produced when organic materials (e.g., wood, tobacco, fossil fuels) are burned (ATSDR, 2024c). Automobile emissions and burning of wood (wildfires, prescribed fires) are considered the largest source of naphthalene emissions to outdoor air. The USEPA's National AQS reports that the average naphthalene concentrations from 2018 to 2021 have remained constant between 0.4 and 0.5 $\mu\text{g}/\text{m}^3$ (0.08 and 0.1 ppb), reaching up to 2.66 $\mu\text{g}/\text{m}^3$ (0.51 ppb) (ATSDR, 2024c).

4.0 SUMMARY

In February 2024, analytical air sampling performed by CTEH for VOCs at locations near the WM landfill on Arbor Acres Avenue in Tontitown, Arkansas detected acrolein and benzene at concentrations above their respective USEPA Resident Air RSLs. At the request of ADEE, from April 28 to May 1, 2024, CTEH performed additional analytical air sampling at locations surrounding the WM landfill, along with four additional locations selected by ADEE to represent background conditions in the region.

A review of the analytical air sampling results collected by CTEH from April 28 to May 1 noted detections of acrolein, benzene, carbon tetrachloride, chloroform, and naphthalene at concentrations above their respective USEPA Resident Air RSLs. No other detected VOCs exceeded their respective USEPA RSLs. There were no detections of H_2S at sampling locations near the WM landfill or at background sampling locations.

Benzene, acrolein, and carbon tetrachloride were detected in samples collected at locations upwind, crosswind, and downwind of the WM landfill site, based on local wind conditions during the sampling timeframe. These analytes were also detected at the four sampling locations selected by ADEE to represent background conditions in the region. Chloroform was detected in two analytical air samples collected at one crosswind location southwest of the WM landfill and naphthalene was detected in one sample collected at a background sampling location selected by ADEE.

5.0 REFERENCES

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Attachment A

Air Sampling and Analysis Plan



Air Quality Assessment

Tontitown, Arkansas

Air Sampling and Analysis Plan (SAP)

Version 1.0

Prepared on Behalf of:

Arkansas Department of Energy and Environment

Prepared By:

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April 26, 2024

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Air Monitoring and Sampling Strategy

CTEH®, LLC (CTEH) is focusing on monitoring airborne concentrations of compounds likely to be associated with off-gassing of decomposing general and household waste. The strategy is to utilize a broadly defined Community Monitoring plan. Community Monitoring may take place in residential and commercial locations, not necessarily currently occupied by members of the community. The readings will generally be taken at a height consistent with that of the samplers breathing zone.

Free-roaming handheld real-time air monitoring may be conducted in a variety of areas based on levels of activity, and site conditions. Discrete air samples will be collected and sent to an off-site laboratory for chemical analysis. These analytical air sampling techniques may be used to provide air quality data beyond the scope of real-time instruments.

CTEH Site-Specific Action Levels

CTEH site-specific action levels may be employed during Community Monitoring to provide information for corrective action to limit potential exposures. These values do not replace community exposure standards or guidelines but are intended to represent a concentration limit that triggers a course of action to better address public safety. Action level exceedances will be communicated to Site Management and the CTEH Project Technical Director by the CTEH Project Manager (PM).

Plan: Community Monitoring

Objective: Report air levels before they reach those causing nuisance or health issues

Analyte	Action Level	Action to be Taken	Basis	Instrument	Detection Limit	Notes	Correction Factor
Total VOCs	Detection	Report reading to PM/PTD	Inform PM/PTD of potential of site conditions	MultiRAE PID	0.1 ppm	Range: 1 – 5,000 ppm	NA
Benzene	Detection	Report reading to PM/PTD	Inform PM/PTD of potential of site conditions	UltraRAE	0.01 ppm	UltraRAE - Change SEP tube frequently	NA
				Gastec tube #121L	0.05 ppm	Range: 0.1 – 65 ppm Volume: Variable	Var.
Hydrogen Sulfide	Detection	Report reading to PM/PTD	Inform PM/PTD of potential of site conditions	MultiRAE Pro Sensor	0.1 ppm	Range: 0 – 100 ppm	NA
Oxygen	< 19.5%	Report reading to PM/PTD	Low O ₂ atmosphere	MultiRAE Sensor	0.1 %	Range: 0 – 30 %	NA
Sulfur Dioxide	Detection	Report reading to PM/PTD	Inform PM/PTD of potential of site conditions	MultiRAE Sensor	0.1 ppm	Range: 0 – 20 ppm	NA

Flammability

Analyte	Action Level	Action to be Taken	Basis	Instrument	Detection Limit	Notes	Correction Factor
%LEL	1 % 5 min	Report reading to PM/PTD	LEL Detection	MultiRAE Sensor	1 %	Range: 1 – 100%	NA
	10 % 1 min	Exit area; Report reading to PM/PTD	Elevated LEL	MultiRAE Sensor	1 %	Range: 1 – 100%	NA

Analytical Methods			
Analyte	Media/Can	Method	Notes
VOCs	SUMMA Canisters (6L)	EPA TO-15 with TICs	
Hydrogen Sulfide	Radiello	SGS Galson in-house method WET-SOP-13	

General Information on Procedures (Assessment Techniques) Used

Procedure	Description
Real-Time Handheld Survey	CTEH staff members may utilize handheld instruments (e.g. MultiRAE Plus; ppbRAE, Gastec colorimetric detector tubes, etc.) to measure airborne chemical concentrations. CTEH will use these handheld instruments primarily to monitor the ambient air quality at breathing zone level.
Analytical sampling	Analytical sampling may be used to validate the fixed and handheld real-time monitoring data, or to provide data beyond the scope of the real-time instruments. Analytical samples may be collected as whole air samples in evacuated canisters or on specific collection media, and sent to an off-site laboratory for further chemical analysis.

Quality Assurance/Quality Control Procedures

Method	Procedure
Real-Time	Real-time instruments may be calibrated in excess of the manufacturer's recommendations. At a minimum whenever indicated by site conditions or instrument readings. Co-located sampling for analytical analysis may be conducted, if necessary, to assess accuracy and precision in the field. Lot numbers and expiration dates may be recorded with use of Gastec colorimetric tubes.
Analytical	Chain of custody documents may be completed for each sample. Level IV data validation may be performed on the first sample group analyzed. Level II data validation may be performed on 20% of all samples. Level IV data validation may be performed on 10% of all samples.
Reporting	Daily data summaries may be provided for informational purposes using data that have not undergone complete QA/QC. Comprehensive reports of real-time and/or analytical data may be generated following QA/QC and may be delivered 60 days following receipt of validated results, if applicable.

Glossary

Term	Definition
Breathing zone	The area within an approximate 10-inch radius of an individual's nose and mouth.
Ambient Air	That portion of the atmosphere (indoor or outdoor) to which the general public have access.

Change from version 1.0 to 1.1

In the section titled:

Name/Organization	Signature	Date Signed
Prepared by:		
Review by:		
Approved by:		
Approved by:		
Approved by:		
Approved by:		

Change from version 1.1 to 1.2

In the section titled:

Name/Organization	Signature	Date Signed
Prepared by:		
Review by:		
Approved by:		
Approved by:		
Approved by:		
Approved by:		

Attachment B

Maps of Air Sampling and Monitoring Locations

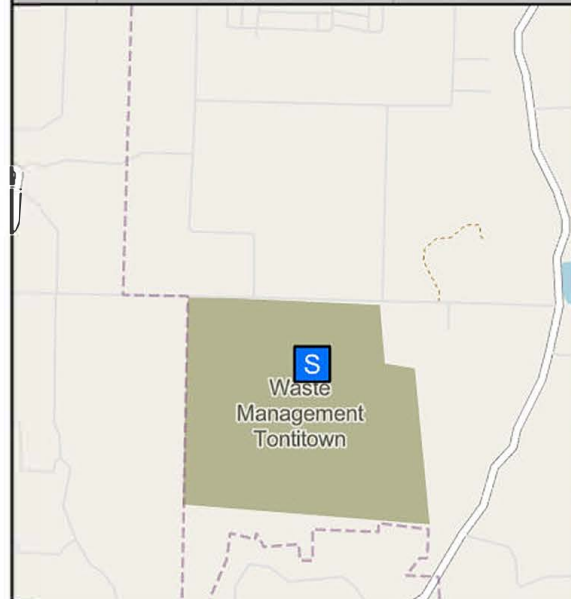
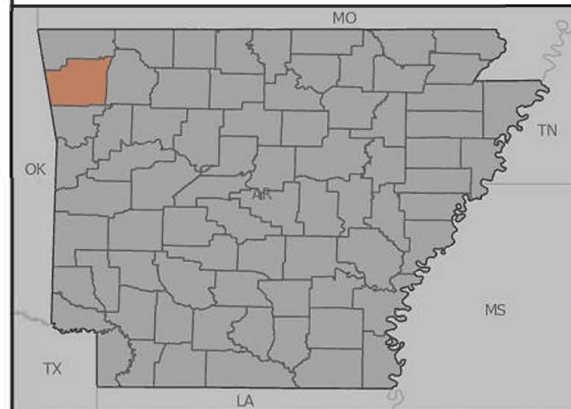


Air Quality Assessment

Site Location

Tontitown, AR | Washington County

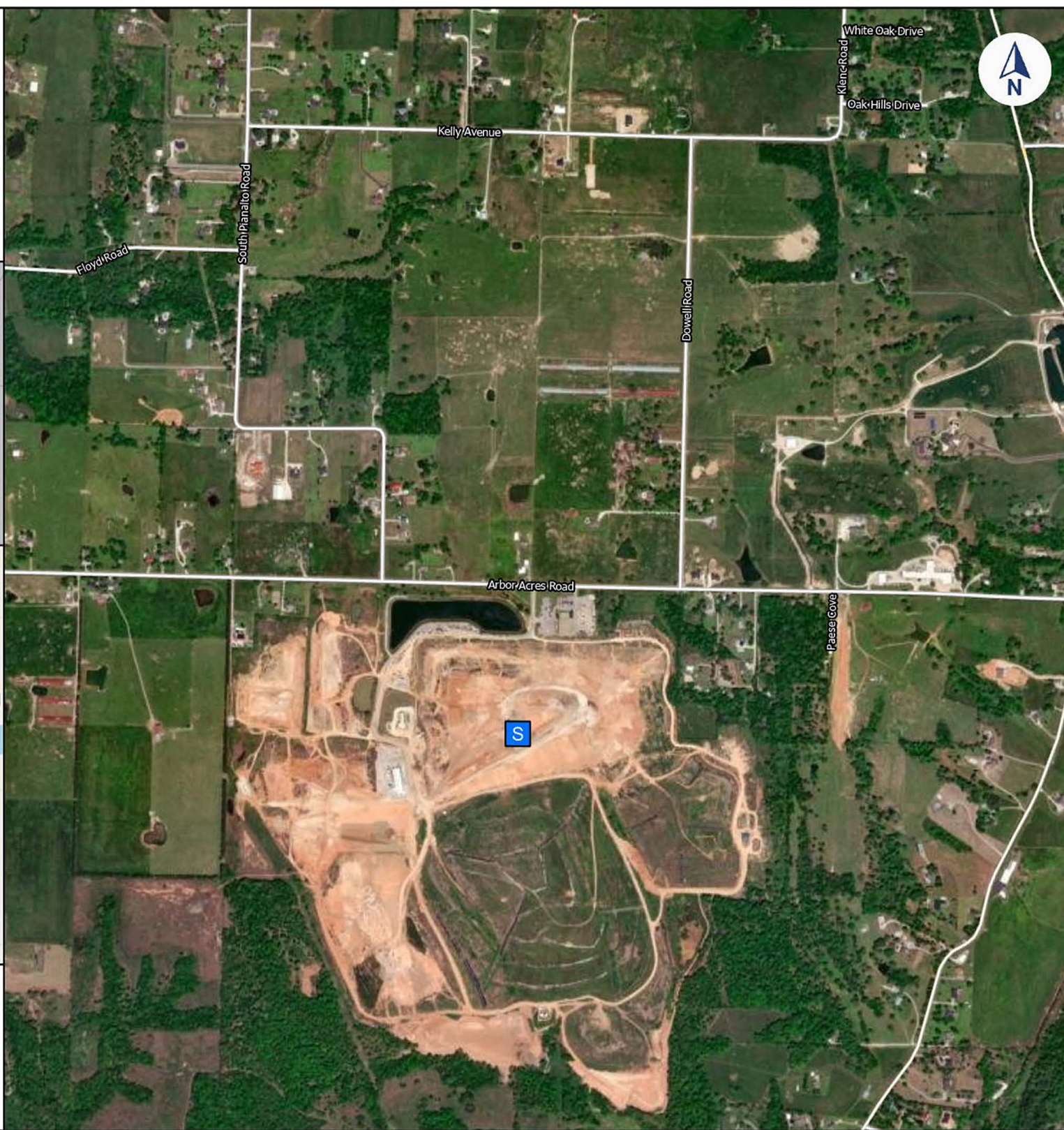
PROJ-040650

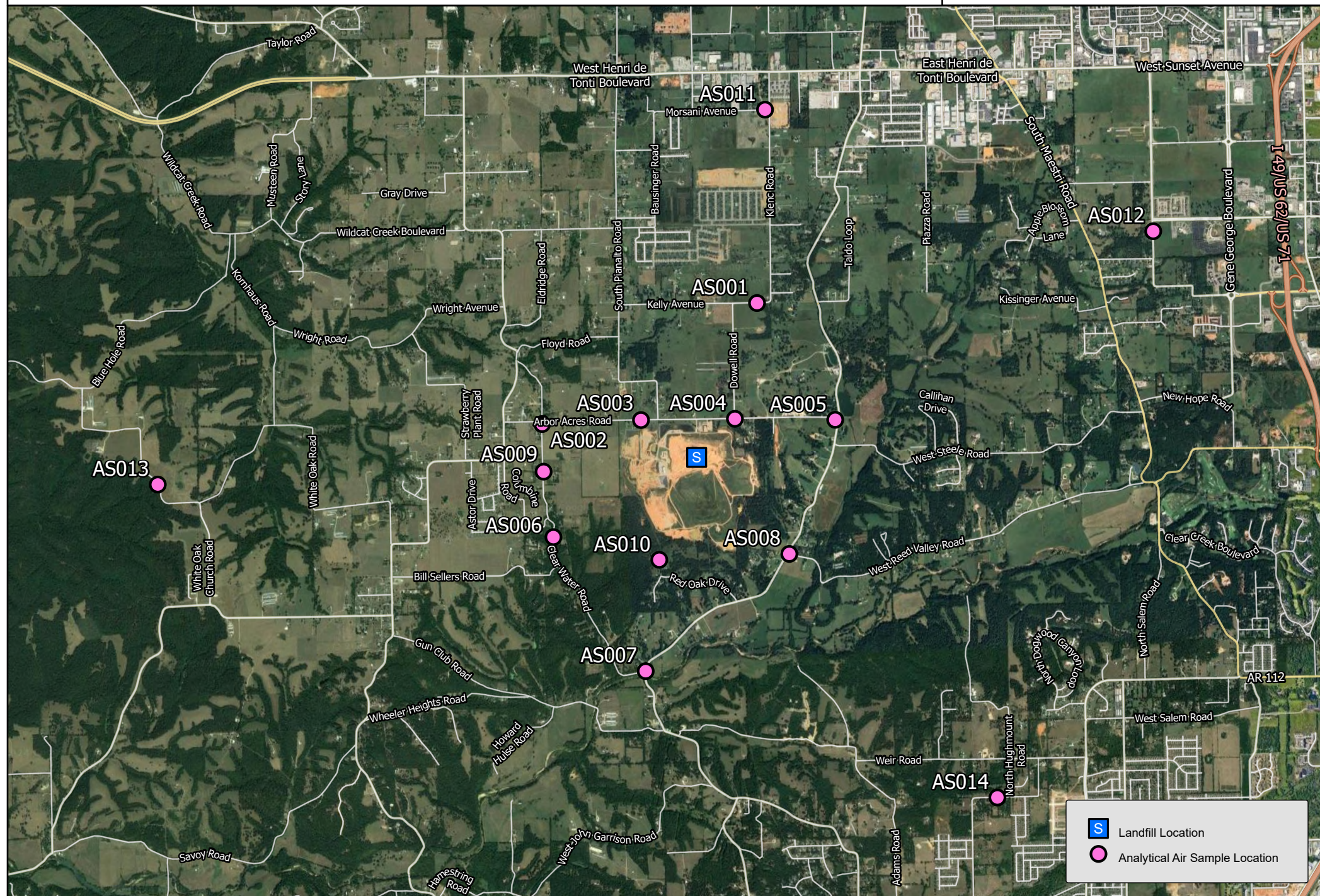


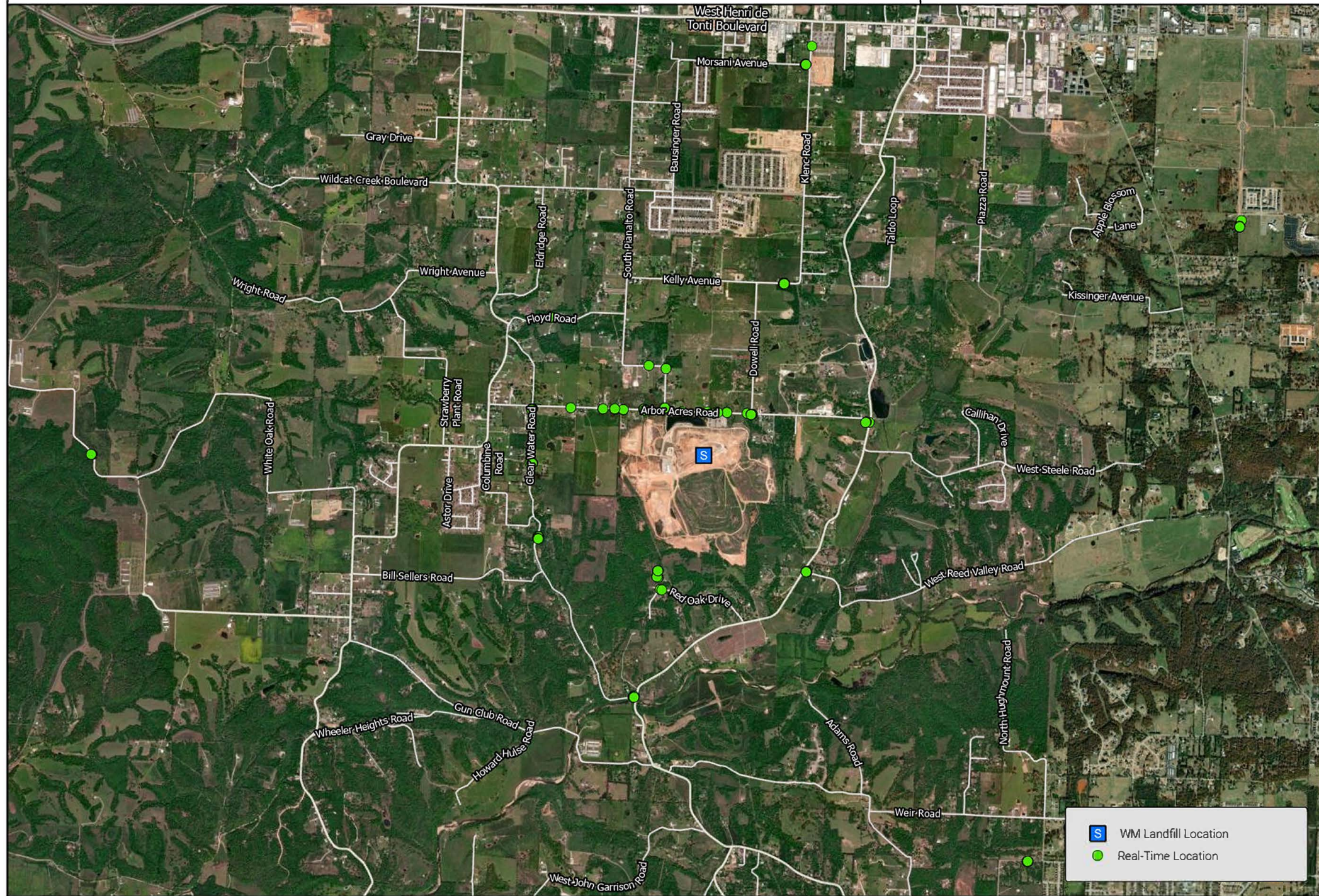
S WM Landfill Location

Updated At: 6/21/2024 4:14 PM

Projection: GCS WGS 1984







-  WM Landfill Location
-  Real-Time Location

Attachment C

Summary of Air Sampling Results Exceeding USEPA Regional Screening Levels

Analytical Air Lab Results,
USEPA Resident Air RSL
Exceedances

Client: Arkansas Dpt of Energy and
Environment
Project: PROJ-040650
City: Tontitown, AR
County: Washington



Location Code	Sample ID	Date	ACROLEIN EPA RSL 0.0092 ppb	BENZENE EPA RSL 0.1127 ppb	CARBON TETRACHLORIDE EPA RSL 0.0747 ppb	CHLOROFORM EPA RSL 0.0246 ppb	NAPHTHALENE EPA RSL 0.0158 ppb
AS001	SPAR0428MC001	04/28/24	0.068 U	0.044 U	0.041 U	0.046 U	0.14 U
	SPAR0429MC001	04/29/24	0.14 J	0.12 J	0.07 J	0.046 U	0.14 U
	SPAR0430MC001	04/30/24	0.094 J	0.087 J	0.071 J	0.046 U	0.14 U
AS002	SPAR0428MC002	04/28/24	0.45	0.15 J	0.041 U	0.046 U	0.14 U
	SPAR0429MC002	04/29/24	0.074 J	0.34	0.067 J	0.046 U	0.14 U
	SPAR0430MC002	04/30/24	0.079 J	0.087 J	0.068 J	0.046 U	0.14 U
AS003	SPAR0428MC003	04/28/24	0.068 U	0.15 J	0.041 U	0.046 U	0.14 U
	SPAR0429MC003	04/29/24	0.097 J	0.25	0.073 J	0.046 U	0.14 U
	SPAR0430MC003	04/30/24	0.076 J	0.2	0.07 J	0.046 U	0.14 U
AS004	SPAR0428MC004	04/28/24	0.068 U	0.11 J	0.041 U	0.046 U	0.14 U
	SPAR0429MC004	04/29/24	0.088 J	0.11 J	0.07 J	0.046 U	0.14 U
	SPAR0430MC004	04/30/24	0.15 J	0.12 J	0.069 J	0.046 U	0.14 U
AS005	SPAR0428MC005	04/28/24	0.068 U	0.083 J	0.07 J	0.046 U	0.14 U
	SPAR0429MC005	04/29/24	0.071 J	0.13 J	0.072 J	0.046 U	0.14 U
	SPAR0430MC005	04/30/24	0.21	0.15 J	0.071 J	0.046 U	0.14 U
AS006	SPAR0428MC006	04/28/24	0.068 U	0.11 J	0.066 J	0.046 U	0.14 U
	SPAR0429MC006	04/29/24	0.069 J	0.25	0.07 J	0.054 J	0.14 U
	SPAR0430MC006	04/30/24	0.071 J	0.08 J	0.075 J	0.052 J	0.14 U
AS007	SPAR0428MC007	04/28/24	0.095 J	0.095 J	0.071 J	0.046 U	0.14 U
	SPAR0429MC007	04/29/24	0.081 J	0.19	0.073 J	0.046 U	0.14 U
	SPAR0430MC007	04/30/24	0.09 J	0.094 J	0.076 J	0.046 U	0.14 U
AS008	SPAR0428MC008	04/28/24	0.25	0.1 J	0.073 J	0.046 U	0.14 U
	SPAR0429MC008	04/29/24	0.12 J	0.18	0.08 J	0.046 U	0.14 U
	SPAR0430MC008	04/30/24	0.097 J	0.095 J	0.074 J	0.046 U	0.14 U
AS009	SPAR0428MC009	04/28/24	0.1 J	0.17	0.071 J	0.046 U	0.14 U
	SPAR0429MC009	04/29/24	0.14 J	0.19	0.073 J	0.046 U	0.14 U
	SPAR0430MC009	04/30/24	0.11 J	0.098 J	0.072 J	0.046 U	0.14 U
AS010	SPAR0428MC010	04/28/24	0.091 J	0.29	0.071 J	0.046 U	0.14 U
	SPAR0429MC010	04/29/24	0.19	0.15 J	0.08 J	0.046 U	0.14 U
	SPAR0430MC010	04/30/24	0.13 J	0.081 J	0.072 J	0.046 U	0.14 U
AS011*	SPAR0428MC011	04/28/24	0.1 J	0.086 J	0.07 J	0.046 U	0.14 U
	SPAR0429MC011	04/29/24	0.095 J	0.14 J	0.076 J	0.046 U	0.14 U
	SPAR0430MC011	04/30/24	0.1 J	0.084 J	0.068 J	0.046 U	0.17
AS012*	SPAR0428MC012	04/28/24	0.12 J	0.083 J	0.069 J	0.046 U	0.14 U
	SPAR0429MC012	04/29/24	0.15 J	0.13 J	0.077 J	0.046 U	0.14 U
	SPAR0430MC012	04/30/24	0.079 J	0.12 J	0.07 J	0.046 U	0.14 U
AS013*	SPAR0428MC013	04/28/24	0.13 J	0.096 J	0.072 J	0.046 U	0.14 U
	SPAR0429MC013	04/29/24	0.18	0.087 J	0.072 J	0.046 U	0.14 U
	SPAR0430MC013	04/30/24	0.11 J	0.075 J	0.078 J	0.046 U	0.14 U
AS014*	SPAR0428MC014	04/28/24	0.068 U	0.081 J	0.073 J	0.046 U	0.14 U
	SPAR0429MC014	04/29/24	0.15 J	0.12 J	0.07 J	0.046 U	0.14 U
	SPAR0430MC014	04/30/24	0.17	0.082 J	0.072 J	0.046 U	0.14 U



J: Result is estimated between the laboratory method detection limit and reporting limit.
U: Non-detection
USEPA Regional Screening Values (RSLs) <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
Values were converted to ppb for comparison to lab results.

*Background Locations



Detection < RSL



Detection >= RSL



Non-Detect

Attachment D

Analytical Air Sampling Results for Volatile Organic Compounds

Analytical Air Sampling Results for Volatile Organic Compounds | mod. OSHA PV2120/mod. EPA TO15; GC/MS
PROJ-040650 | Air Quality Assessment | Sampling Locations Surrounding the WM Landfill

Data Updated at 6/27/2024 12:17:10 PM

Result Type	Analyte	USEPA Resident Air RSL (ppb)	4/28/2024	AS001	4/30/2024	4/28/2024	AS002	4/30/2024
			SPAR0428MC001	SPAR0429MC001	SPAR0430MC001	SPAR0428MC002	SPAR0429MC002	SPAR0430MC002
			PPBV L4V	PPBV L2V	PPBV L2V	PPBV L4V	PPBV L2V	PPBV L2V
Target Analyte	1,1-DICHLOROETHANE	0.445	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	1,1-DICHLOROETHENE	52.966	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
	1,1,1-TRICHLOROETHANE	953.073	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,1,2-TRICHLOROETHANE	0.033	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
	1,1,2,2-TETRACHLOROETHANE	0.007	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
	1,2-DIBROMOETHANE	0.001	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	1,2-DICHLOROBENZENE	34.926	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	1,2-DICHLOROETHANE	0.027	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	1,2-DICHLOROPROPANE	0.164	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,2,4-TRICHLOROBENZENE	0.283	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U
	1,2,4-TRIMETHYLBENZENE	12.816	0.056 U	0.25	0.056 U	0.16	0.056 U	0.056 U
	1,3-BUTADIENE	0.042	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
	1,3-DICHLOROBENZENE	ND	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,3,5-TRIMETHYLBENZENE	12.816	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U
	1,4-DICHLOROBENZENE	0.043	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U
	1,4-DIOXANE	0.155	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
	2-CHLOROTOLUENE	ND	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	2,2,4-TRIMETHYLPENTANE	ND	0.05 U	0.055 J	0.05 U	0.05 U	0.055 J	0.05 U
	4-ETHYLTOLUENE	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	ACETONE	ND	2.2	300	3.1	4.7	2.5	3
	ACETONITRILE	37.524	0.2 U	0.23 J	0.2 U	0.2 U	0.2 U	0.2 U
	ACROLEIN	0.009	0.068 U	0.14 J	0.094 J	0.45	0.074 J	0.079 J
	ACRYLONITRILE	0.019	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
	ALLYL CHLORIDE	0.15	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U
	BENZENE	0.113	0.044 U	0.12 J	0.087 J	0.15 J	0.34	0.087 J
	BENZYL CHLORIDE	0.011	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U
	BROMODICHLOROMETHANE	0.011	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	BROMOFORM	0.252	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	BROMOMETHANE	1.339	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U
	CARBON DISULFIDE	234.42	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
	CARBON TETRACHLORIDE	0.075	0.041 U	0.07 J	0.071 J	0.041 U	0.067 J	0.068 J
	CHLOROBENZENE	11.295	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
	CHLOROETHANE	1591.846	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U
	CHLOROFORM	0.025	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	CHLOROMETHANE	45.52	0.71	0.43	0.55	0.73	0.48	0.55
	CIS-1,2-DICHLOROETHYLENE	10.592	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	CIS-1,3-DICHLOROPROPENE	ND	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	CUMENE	85.44	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	CYCLOHEXANE	1830.264	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U
	DIBROMOCHLOROMETHANE	ND	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U
	ETHYL ACETATE	20.257	0.068 U	0.25	0.068 U	0.068 U	0.078 J	0.13 J
	ETHYL BROMIDE	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	ETHYLBENZENE	0.253	0.048 U	0.056 J	0.048 U	0.048 U	0.075 J	0.048 U
	FREON 11	ND	0.19	0.2	0.22	0.2	0.22	0.21
	FREON 12	20.222	0.45	0.41	0.46	0.46	0.43	0.43
	FREON 113	678.532	0.05 U	0.067 J	0.069 J	0.05 U	0.067 J	0.067 J
	FREON 114	ND	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U
	HEPTANE	102.475	0.051 U	0.059 J	0.051 U	0.051 U	0.058 J	0.051 U
	HEXACHLORO-1,3-BUTADIENE	0.012	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U
	HEXANE	207.111	0.056 U	0.13 J	0.056 U	0.056 U	0.13 J	0.065 J
	ISOPROPYL ALCOHOL	85.433	0.18 J	3.8	0.27 J	0.23 J	0.64	0.42 J
	M,P-XYLENES	ND	0.12 J	0.17 J	0.1 U	0.2 J	0.11 J	0.12 J
	METHYL BUTYL KETONE	7.567	0.092 U	0.092 U	0.092 U	0.28	0.092 U	0.092 U
	METHYL ETHYL KETONE	1763.14	0.14 J	1	0.34	0.87	0.26	0.33
	METHYL ISOBUTYL KETONE	1051.102	0.084 U	0.084 U	0.084 U	0.084 U	0.084 U	0.084 U
	METHYL METHACRYLATE	178.269	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U
	METHYL TERTIARY BUTYL ETHER	3.051	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
	METHYLENE CHLORIDE	28.788	0.099 J	0.13 J	0.11 J	0.11 J	0.11 J	0.11 J
	N-BUTANE	ND	0.47	0.68	0.44	0.44	0.74	0.42
	N-PROPYLBENZENE	203.411	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U
	NAPHTHALENE	0.016	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
	NONANE	4.005	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
	O-XYLENE	23.031	0.056 U	0.068 J	0.056 U	0.056 U	0.056 U	0.056 U
	PENTANE	338.877	0.57	0.65	0.21	0.45	0.51	0.26
	PROPYLENE	1801.169	0.2 U	0.39 J	0.37 J	0.31 J	0.63	0.37 J
	STYRENE	234.758	0.051 U	0.068 J	0.051 U	0.051 U	0.051 U	0.051 U
	TERT-BUTYL ALCOHOL	1715.326	0.16 U	2.5	0.16 U	0.16 U	0.16 U	0.16 U
	TETRACHLOROETHYLENE	1.622	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
	TETRAHYDROFURAN	712.037	0.065 U	0.19	0.065 U	0.065 U	0.065 U	0.065 U
	TOLUENE	1379.857	0.2	0.53	0.14 J	0.51	0.32	0.29
	TRANS-1,2-DICHLOROETHENE	10.593	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	TRANS-1,3-DICHLOROPROPENE	ND	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U
	TRICHLOROETHYLENE	0.089	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	VINYL ACETATE	59.641	0.075 U	0.16	0.1 J	0.097 J	0.075 U	0.1 J
	VINYL BROMIDE	0.043	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	VINYL CHLORIDE	0.067	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U
Tentatively Identified Compound	3-BUTEN-1-OL, 3-METHYL-	ND		1.1 NJ				
	ETHANE, 1,1-DIFLUORO-	15547.313					3 NJ	
	ETHYL ALCOHOL	ND						
	NO VOLATILES FOUND	ND	0 U		0 U	0 U		0 U
	NONANAL	ND						

Screening Color

- Detection >= RSL
- Detection < RSL
- Detection RSL Not Derived
- Non-Detect

ND: RSL Not Derived
PPBV: Parts Per Billion by Volume
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:
J: Result is estimated between the laboratory method detection limit and reporting limit.
U: Non-detection
Laboratory result third-party data validation status:
L2V: Level II Verified
L4V: Level IV Validated
USEPA Regional Screening Values (RSLs) <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
Values were converted to ppb for comparison to lab results.

Analytical Air Sampling Results for Volatile Organic Compounds | mod. OSHA PV2120/mod. EPA TO15; GC/MS
PROJ-040650 | Air Quality Assessment | Sampling Locations Surrounding the WM Landfill

Data Updated at 6/27/2024 12:17:10 PM

Result Type	Analyte	USEPA Resident Air RSL (ppb)	4/28/2024	AS003	4/30/2024	4/28/2024	AS004	4/30/2024
			SPAR0428MC003	SPAR0429MC003	SPAR0430MC003	SPAR0428MC004	SPAR0429MC004	SPAR0430MC004
			PPBV L4V	PPBV L2V	PPBV L2V	PPBV L4V	PPBV L2V	PPBV L2V
Target Analyte	1,1-DICHLOROETHANE	0.445	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	1,1-DICHLOROETHENE	52.966	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
	1,1,1-TRICHLOROETHANE	953.073	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,1,2-TRICHLOROETHANE	0.033	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
	1,1,2,2-TETRACHLOROETHANE	0.007	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
	1,2-DIBROMOETHANE	0.001	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	1,2-DICHLOROBENZENE	34.926	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	1,2-DICHLOROETHANE	0.027	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	1,2-DICHLOROPROPANE	0.164	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,2,4-TRICHLOROBENZENE	0.283	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U
	1,2,4-TRIMETHYLBENZENE	12.816	0.056 U	0.059 J	0.056 U	0.056 U	0.056 U	0.056 U
	1,3-BUTADIENE	0.042	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
	1,3-DICHLOROBENZENE	ND	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,3,5-TRIMETHYLBENZENE	12.816	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U
	1,4-DICHLOROBENZENE	0.043	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U
	1,4-DIOXANE	0.155	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
	2-CHLOROTOLUENE	ND	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	2,2,4-TRIMETHYLPENTANE	ND	0.05 U	0.076 J	0.05 U	0.05 U	0.055 J	0.05 U
	4-ETHYLTOLUENE	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	ACETONE	ND	2.7	4.1	3	14	3	3.7
	ACETONITRILE	37.524	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	ACROLEIN	0.009	0.068 U	0.097 J	0.076 J	0.068 U	0.088 J	0.15 J
	ACRYLONITRILE	0.019	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
	ALLYL CHLORIDE	0.15	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U
	BENZENE	0.113	0.15 J	0.25	0.2	0.11 J	0.11 J	0.12 J
	BENZYL CHLORIDE	0.011	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U
	BROMODICHLOROMETHANE	0.011	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	BROMOFORM	0.252	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	BROMOMETHANE	1.339	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U
	CARBON DISULFIDE	234.42	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
	CARBON TETRACHLORIDE	0.075	0.041 U	0.073 J	0.07 J	0.041 U	0.07 J	0.069 J
	CHLOROBENZENE	11.295	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
	CHLOROETHANE	1591.846	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U
	CHLOROFORM	0.025	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	CHLOROMETHANE	45.52	0.62	0.54	0.53	0.64	0.45	0.55
	CIS-1,2-DICHLOROETHYLENE	10.592	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	CIS-1,3-DICHLOROPROPENE	ND	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	CUMENE	85.44	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	CYCLOHEXANE	1830.264	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U
	DIBROMOCHLOROMETHANE	ND	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U
	ETHYL ACETATE	20.257	0.068 U	0.17	0.083 J	0.24	0.13 J	0.068 U
	ETHYL BROMIDE	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	ETHYLBENZENE	0.253	0.048 U	0.077 J	0.051 J	0.048 U	0.048 U	0.048 U
	FREON 11	ND	0.22	0.31	0.24	0.21	0.2	0.21
	FREON 12	20.222	0.43	0.45	0.43	0.44	0.42	0.44
	FREON 113	678.532	0.05 U	0.072 J	0.065 J	0.05 U	0.065 J	0.072 J
	FREON 114	ND	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U
	HEPTANE	102.475	0.051 U	0.083 J	0.051 U	0.051 U	0.052 J	0.051 U
	HEXACHLORO-1,3-BUTADIENE	0.012	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U
	HEXANE	207.111	0.11 J	0.18	0.084 J	0.056 U	0.098 J	0.057 J
	ISOPROPYL ALCOHOL	85.433	0.18 J	0.44 J	0.46 J	0.43 J	0.18 J	0.58
	M,P-XYLENES	ND	0.11 J	0.17 J	0.1 U	0.11 J	0.1 U	0.1 U
	METHYL BUTYL KETONE	7.567	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U
	METHYL ETHYL KETONE	1763.14	0.21	0.51	0.33	0.19	0.25	0.34
	METHYL ISOBUTYL KETONE	1051.102	0.084 U	0.084 U	0.084 U	0.084 U	0.084 U	0.084 U
	METHYL METHACRYLATE	178.269	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U
	METHYL TERTIARY BUTYL ETHER	3.051	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
	METHYLENE CHLORIDE	28.788	0.091 J	0.12 J	0.11 J	0.076 U	0.1 J	0.22
	N-BUTANE	ND	0.71	1.1	0.51	0.63	0.72	0.51
	N-PROPYLBENZENE	203.411	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U
	NAPHTHALENE	0.016	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
	NONANE	4.005	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
	O-XYLENE	23.031	0.056 U	0.07 J	0.056 U	0.056 U	0.056 U	0.056 U
	PENTANE	338.877	0.55	1.1	0.4	0.81	0.56	0.36
	PROPYLENE	1801.169	0.29 J	0.73	0.51 J	0.2 U	0.4 J	0.46 J
	STYRENE	234.758	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	TERT-BUTYL ALCOHOL	1715.326	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
	TETRACHLOROETHYLENE	1.622	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
	TETRAHYDROFURAN	712.037	0.065 U	0.15 J	0.065 U	0.065 U	0.065 U	0.071 J
	TOLUENE	1379.857	0.34	0.52	0.22	0.26	0.26	0.21
	TRANS-1,2-DICHLOROETHENE	10.593	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	TRANS-1,3-DICHLOROPROPENE	ND	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U
	TRICHLOROETHYLENE	0.089	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	VINYL ACETATE	59.641	0.075 U	0.1 J	0.084 J	0.075 U	0.11 J	0.13 J
	VINYL BROMIDE	0.043	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	VINYL CHLORIDE	0.067	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U
Tentatively Identified Compound	3-BUTEN-1-OL, 3-METHYL-	ND						
	ETHANE, 1,1-DIFLUORO-	15547.313				1.5 NJ		
	ETHYL ALCOHOL	ND						
	NO VOLATILES FOUND	ND	0 U	0 U	0 U		0 U	0 U
	NONANAL	ND						

ND: RSL Not Derived
PPBV: Parts Per Billion by Volume
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:
J: Result is estimated between the laboratory method detection limit and reporting limit.
U: Non-detection
Laboratory result third-party data validation status:
L2V: Level II Verified
L4V: Level IV Validated
USEPA Regional Screening Values (RSLs) <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
Values were converted to ppb for comparison to lab results.

Screening Color

Detection >= RSL

Detection < RSL

Detection RSL Not Derived

Non-Detect

Analytical Air Sampling Results for Volatile Organic Compounds | mod. OSHA PV2120/mod. EPA TO15; GC/MS
PROJ-040650 | Air Quality Assessment | Sampling Locations Surrounding the WM Landfill

Data Updated at 6/27/2024 12:17:10 PM

Result Type	Analyte	USEPA Resident Air RSL (ppb)	4/28/2024	AS005	4/30/2024	4/28/2024	AS006	4/30/2024
			SPAR0428MC005	SPAR0429MC005	SPAR0430MC005	SPAR0428MC006	SPAR0429MC006	SPAR0430MC006
			PPBV L4V	PPBV L2V	PPBV L2V	PPBV L4V	PPBV L2V	PPBV L2V
Target Analyte	1,1-DICHLOROETHANE	0.445	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	1,1-DICHLOROETHENE	52.966	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
	1,1,1-TRICHLOROETHANE	953.073	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,1,2-TRICHLOROETHANE	0.033	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
	1,1,2,2-TETRACHLOROETHANE	0.007	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
	1,2-DIBROMOETHANE	0.001	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	1,2-DICHLOROBENZENE	34.926	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	1,2-DICHLOROETHANE	0.027	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	1,2-DICHLOROPROPANE	0.164	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,2,4-TRICHLOROBENZENE	0.283	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U
	1,2,4-TRIMETHYLBENZENE	12.816	0.056 U	0.056 U	0.07 J	0.057 J	0.056 U	0.056 U
	1,3-BUTADIENE	0.042	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
	1,3-DICHLOROBENZENE	ND	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,3,5-TRIMETHYLBENZENE	12.816	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U
	1,4-DICHLOROBENZENE	0.043	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U
	1,4-DIOXANE	0.155	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
	2-CHLOROTOLUENE	ND	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	2,2,4-TRIMETHYLPENTANE	ND	0.05 U	0.077 J	0.24	0.05 U	0.082 J	0.05 U
	4-ETHYLTOLUENE	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	ACETONE	ND	8.7	2.5	5.4	1.7	2.4	2.6
	ACETONITRILE	37.524	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	ACROLEIN	0.009	0.068 U	0.071 J	0.21	0.068 U	0.069 J	0.071 J
	ACRYLONITRILE	0.019	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
	ALLYL CHLORIDE	0.15	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U
	BENZENE	0.113	0.083 J	0.13 J	0.15 J	0.11 J	0.25	0.08 J
	BENZYL CHLORIDE	0.011	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U
	BROMODICHLOROMETHANE	0.011	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	BROMOFORM	0.252	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	BROMOMETHANE	1.339	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U
	CARBON DISULFIDE	234.42	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
	CARBON TETRACHLORIDE	0.075	0.07 J	0.072 J	0.071 J	0.066 J	0.07 J	0.075 J
	CHLOROBENZENE	11.295	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
	CHLOROETHANE	1591.846	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U
	CHLOROFORM	0.025	0.046 U	0.046 U	0.046 U	0.046 U	0.054 J	0.052 J
	CHLOROMETHANE	45.52	0.53	0.48	0.55	0.54	0.47	0.55
	CIS-1,2-DICHLOROETHYLENE	10.592	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	CIS-1,3-DICHLOROPROPENE	ND	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	CUMENE	85.44	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	CYCLOHEXANE	1830.264	0.058 U	0.058 U	0.17	0.058 U	0.058 U	0.058 U
	DIBROMOCHLOROMETHANE	ND	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U
	ETHYL ACETATE	20.257	0.068 U	0.068 U	0.51	0.082 J	0.069 J	0.068 U
	ETHYL BROMIDE	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	ETHYLBENZENE	0.253	0.048 U	0.048 U	0.076 J	0.048 U	0.052 J	0.048 U
	FREON 11	ND	0.21	0.21	0.24	0.2	0.22	0.21
	FREON 12	20.222	0.42	0.45	0.45	0.42	0.44	0.44
	FREON 113	678.532	0.071 J	0.069 J	0.069 J	0.069 J	0.068 J	0.067 J
	FREON 114	ND	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U
	HEPTANE	102.475	0.051 U	0.051 U	0.14 J	0.051 U	0.058 J	0.051 U
	HEXACHLORO-1,3-BUTADIENE	0.012	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U
	HEXANE	207.111	0.072 J	0.14 J	0.28	0.073 J	0.13 J	0.056 U
	ISOPROPYL ALCOHOL	85.433	0.23 J	0.21 J	1.7	0.18 U	0.94	0.48 J
	M,P-XYLENES	ND	0.1 U	0.1 U	0.26 J	0.14 J	0.13 J	0.1 U
	METHYL BUTYL KETONE	7.567	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U
	METHYL ETHYL KETONE	1763.14	0.17	0.22	0.4	0.17	0.19	0.25
	METHYL ISOBUTYL KETONE	1051.102	0.084 U	0.084 U	0.084 U	0.084 U	0.084 U	0.084 U
	METHYL METHACRYLATE	178.269	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U
	METHYL TERTIARY BUTYL ETHER	3.051	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
	METHYLENE CHLORIDE	28.788	0.1 J	0.11 J	1.9	0.1 J	0.11 J	0.11 J
	N-BUTANE	ND	0.43	0.97	1.1	0.41	0.8	0.47
	N-PROPYLBENZENE	203.411	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U
	NAPHTHALENE	0.016	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
	NONANE	4.005	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
	O-XYLENE	23.031	0.056 U	0.056 U	0.1 J	0.056 U	0.056 U	0.056 U
	PENTANE	338.877	0.35	0.49	2.9	0.34	0.54	0.17
	PROPYLENE	1801.169	0.28 J	0.46 J	0.4 J	0.34 J	0.76	0.39 J
	STYRENE	234.758	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	TERT-BUTYL ALCOHOL	1715.326	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
	TETRACHLOROETHYLENE	1.622	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
	TETRAHYDROFURAN	712.037	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
	TOLUENE	1379.857	0.2	0.24	1.2	0.27	0.32	0.13 J
	TRANS-1,2-DICHLOROETHENE	10.593	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	TRANS-1,3-DICHLOROPROPENE	ND	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U
	TRICHLOROETHYLENE	0.089	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	VINYL ACETATE	59.641	0.075 U	0.075 U	0.24	0.075 U	0.075 U	0.077 J
	VINYL BROMIDE	0.043	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	VINYL CHLORIDE	0.067	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U
Tentatively Identified Compound	3-BUTEN-1-OL, 3-METHYL-	ND						
	ETHANE, 1,1-DIFLUORO-	15547.313			6.7 NJ			
	ETHYL ALCOHOL	ND			1.1 NJ			
	NO VOLATILES FOUND	ND	0 U	0 U		0 U	0 U	0 U
	NONANAL	ND						

ND: RSL Not Derived
PPBV: Parts Per Billion by Volume
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:
J: Result is estimated between the laboratory method detection limit and reporting limit.
U: Non-detection
Laboratory result third-party data validation status:
L2V: Level II Verified
L4V: Level IV Validated
USEPA Regional Screening Values (RSLs) <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
Values were converted to ppb for comparison to lab results.

Screening Color

Detection >= RSL

Detection < RSL

Detection RSL Not Derived

Non-Detect

Analytical Air Sampling Results for Volatile Organic Compounds | mod. OSHA PV2120/mod. EPA TO15; GC/MS
PROJ-040650 | Air Quality Assessment | Sampling Locations Surrounding the WM Landfill

Data Updated at 6/27/2024 12:17:10 PM

Result Type	Analyte	USEPA Resident Air RSL (ppb)	4/28/2024	AS007	4/30/2024	4/28/2024	AS008	4/30/2024
			SPAR0428MC007	SPAR0429MC007	SPAR0430MC007	SPAR0428MC008	SPAR0429MC008	SPAR0430MC008
			PPBV L4V	PPBV L2V	PPBV L2V	PPBV L4V	PPBV L2V	PPBV L2V
Target Analyte	1,1-DICHLOROETHANE	0.445	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	1,1-DICHLOROETHENE	52.966	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
	1,1,1-TRICHLOROETHANE	953.073	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,1,2-TRICHLOROETHANE	0.033	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
	1,1,2,2-TETRACHLOROETHANE	0.007	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
	1,2-DIBROMOETHANE	0.001	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	1,2-DICHLOROBENZENE	34.926	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	1,2-DICHLOROETHANE	0.027	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	1,2-DICHLOROPROPANE	0.164	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,2,4-TRICHLOROBENZENE	0.283	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U
	1,2,4-TRIMETHYLBENZENE	12.816	0.056 U	0.056 U	0.056 U	0.54	0.056 U	0.056 U
	1,3-BUTADIENE	0.042	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
	1,3-DICHLOROBENZENE	ND	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,3,5-TRIMETHYLBENZENE	12.816	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U
	1,4-DICHLOROBENZENE	0.043	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U
	1,4-DIOXANE	0.155	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
	2-CHLOROTOLUENE	ND	0.046 U	0.046 U	0.046 U	0.065 J	0.046 U	0.046 U
	2,2,4-TRIMETHYLPENTANE	ND	0.05 U	0.066 J	0.05 U	0.05 U	0.084 J	0.05 U
	4-ETHYLTOLUENE	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	ACETONE	ND	2.4	3.2	2.8	390	3.1	3.5
	ACETONITRILE	37.524	0.2 U	0.2 U	0.2 U	0.3 J	0.2 U	0.2 U
	ACROLEIN	0.009	0.095 J	0.081 J	0.09 J	0.25	0.12 J	0.097 J
	ACRYLONITRILE	0.019	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
	ALLYL CHLORIDE	0.15	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U
	BENZENE	0.113	0.095 J	0.19	0.094 J	0.1 J	0.18	0.095 J
	BENZYL CHLORIDE	0.011	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U
	BROMODICHLOROMETHANE	0.011	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	BROMOFORM	0.252	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	BROMOMETHANE	1.339	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U
	CARBON DISULFIDE	234.42	0.14 U	0.14 U	0.14 U	0.14 U	0.18 J	0.14 U
	CARBON TETRACHLORIDE	0.075	0.071 J	0.073 J	0.076 J	0.073 J	0.08 J	0.074 J
	CHLOROBENZENE	11.295	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
	CHLOROETHANE	1591.846	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U
	CHLOROFORM	0.025	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	CHLOROMETHANE	45.52	0.54	0.54	0.59	0.55	0.5	0.56
	CIS-1,2-DICHLOROETHYLENE	10.592	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	CIS-1,3-DICHLOROPROPENE	ND	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	CUMENE	85.44	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	CYCLOHEXANE	1830.264	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U
	DIBROMOCHLOROMETHANE	ND	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U
	ETHYL ACETATE	20.257	0.068 U	0.088 J	0.089 J	0.32	0.11 J	0.1 J
	ETHYL BROMIDE	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	ETHYLBENZENE	0.253	0.048 U	0.048 U	0.048 U	0.057 J	0.048 U	0.048 U
	FREON 11	ND	0.21	0.23	0.22	0.21	0.22	0.22
	FREON 12	20.222	0.45	0.45	0.45	0.44	0.46	0.45
	FREON 113	678.532	0.063 J	0.074 J	0.076 J	0.07 J	0.078 J	0.071 J
	FREON 114	ND	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U
	HEPTANE	102.475	0.051 U	0.051 U	0.051 U	0.064 J	0.06 J	0.051 U
	HEXACHLORO-1,3-BUTADIENE	0.012	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U
	HEXANE	207.111	0.056 U	0.12 J	0.071 J	0.071 J	0.14 J	0.056 J
	ISOPROPYL ALCOHOL	85.433	0.25 J	2.2	0.43 J	4.3	3.9	0.22 J
	M,P-XYLENES	ND	0.1 U	0.13 J	0.1 U	0.19 J	0.13 J	0.1 U
	METHYL BUTYL KETONE	7.567	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U
	METHYL ETHYL KETONE	1763.14	0.18	0.29	0.32	1.4	0.25	0.3
	METHYL ISOBUTYL KETONE	1051.102	0.084 U	0.084 U	0.084 U	0.097 J	0.084 U	0.084 U
	METHYL METHACRYLATE	178.269	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U
	METHYL TERTIARY BUTYL ETHER	3.051	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
	METHYLENE CHLORIDE	28.788	0.1 J	0.12 J	0.17	0.12 J	0.12 J	0.12 J
	N-BUTANE	ND	0.3	0.73	0.48	0.37	0.97	0.46
	N-PROPYLBENZENE	203.411	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U
	NAPHTHALENE	0.016	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
	NONANE	4.005	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
	O-XYLENE	23.031	0.056 U	0.056 U	0.056 U	0.086 J	0.056 U	0.056 U
	PENTANE	338.877	0.2	0.63	0.24	0.47	0.5	0.88
	PROPYLENE	1801.169	0.33 J	0.54	0.38 J	0.3 J	0.56	0.37 J
	STYRENE	234.758	0.051 U	0.051 U	0.051 U	0.069 J	0.051 U	0.051 U
	TERT-BUTYL ALCOHOL	1715.326	0.16 U	0.16 U	0.16 U	2.5	0.16 U	0.16 U
	TETRACHLOROETHYLENE	1.622	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
	TETRAHYDROFURAN	712.037	0.088 J	0.065 U	0.065 U	0.21	0.065 U	0.065 U
	TOLUENE	1379.857	0.23	0.36	0.23	0.47	0.4	0.13 J
	TRANS-1,2-DICHLOROETHENE	10.593	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	TRANS-1,3-DICHLOROPROPENE	ND	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U
	TRICHLOROETHYLENE	0.089	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	VINYL ACETATE	59.641	0.082 J	0.075 U	0.12 J	0.22	0.075 U	0.1 J
	VINYL BROMIDE	0.043	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	VINYL CHLORIDE	0.067	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U
Tentatively Identified Compound	3-BUTEN-1-OL, 3-METHYL-	ND						
	ETHANE, 1,1-DIFLUORO-	15547.313		3.6 NJ				
	ETHYL ALCOHOL	ND						
	NO VOLATILES FOUND	ND	0 U		0 U	0 U	0 U	0 U
	NONANAL	ND						

ND: RSL Not Derived
PPBV: Parts Per Billion by Volume
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:
J: Result is estimated between the laboratory method detection limit and reporting limit.
U: Non-detection
Laboratory result third-party data validation status:
L2V: Level II Verified
L4V: Level IV Validated
USEPA Regional Screening Values (RSLs) <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
Values were converted to ppb for comparison to lab results.

Screening Color

Detection >= RSL

Detection < RSL

Detection RSL Not Derived

Non-Detect

Analytical Air Sampling Results for Volatile Organic Compounds | mod. OSHA PV2120/mod. EPA TO15; GC/MS
PROJ-040650 | Air Quality Assessment | Sampling Locations Surrounding the WM Landfill

Data Updated at 6/27/2024 12:17:10 PM

Result Type	Analyte	USEPA Resident Air RSL (ppb)	4/28/2024	AS009	4/30/2024	4/28/2024	AS010	4/30/2024
			SPAR0428MC009	SPAR0429MC009	SPAR0430MC009	SPAR0428MC010	SPAR0429MC010	SPAR0430MC010
			PPBV L4V	PPBV L2V	PPBV L2V	PPBV L4V	PPBV L2V	PPBV L2V
Target Analyte	1,1-DICHLOROETHANE	0.445	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	1,1-DICHLOROETHENE	52.966	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
	1,1,1-TRICHLOROETHANE	953.073	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,1,2-TRICHLOROETHANE	0.033	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
	1,1,2,2-TETRACHLOROETHANE	0.007	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
	1,2-DIBROMOETHANE	0.001	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	1,2-DICHLOROBENZENE	34.926	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	1,2-DICHLOROETHANE	0.027	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	1,2-DICHLOROPROPANE	0.164	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,2,4-TRICHLOROBENZENE	0.283	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U
	1,2,4-TRIMETHYLBENZENE	12.816	0.056 U	0.056 U	0.056 U	0.056 U	0.27	0.056 U
	1,3-BUTADIENE	0.042	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
	1,3-DICHLOROBENZENE	ND	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,3,5-TRIMETHYLBENZENE	12.816	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U
	1,4-DICHLOROBENZENE	0.043	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U
	1,4-DIOXANE	0.155	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
	2-CHLOROTOLUENE	ND	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	2,2,4-TRIMETHYLPENTANE	ND	0.05 U	0.05 J	0.05 U	0.086 J	0.062 J	0.05 U
	4-ETHYLTOLUENE	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	ACETONE	ND	3.2	3.3	3.6	2.7	400	3.3
	ACETONITRILE	37.524	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	ACROLEIN	0.009	0.1 J	0.14 J	0.11 J	0.091 J	0.19	0.13 J
	ACRYLONITRILE	0.019	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
	ALLYL CHLORIDE	0.15	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U
	BENZENE	0.113	0.17	0.19	0.098 J	0.29	0.15 J	0.081 J
	BENZYL CHLORIDE	0.011	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U
	BROMODICHLOROMETHANE	0.011	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	BROMOFORM	0.252	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	BROMOMETHANE	1.339	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U
	CARBON DISULFIDE	234.42	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
	CARBON TETRACHLORIDE	0.075	0.071 J	0.073 J	0.072 J	0.071 J	0.08 J	0.072 J
	CHLOROBENZENE	11.295	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
	CHLOROETHANE	1591.846	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U
	CHLOROFORM	0.025	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	CHLOROMETHANE	45.52	0.56	0.49	0.58	0.55	0.49	0.56
	CIS-1,2-DICHLOROETHYLENE	10.592	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	CIS-1,3-DICHLOROPROPENE	ND	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	CUMENE	85.44	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	CYCLOHEXANE	1830.264	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U
	DIBROMOCHLOROMETHANE	ND	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U
	ETHYL ACETATE	20.257	0.068 U	0.14 J	0.12 J	0.068 U	0.25	0.14 J
	ETHYL BROMIDE	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	ETHYLBENZENE	0.253	0.048 U	0.051 J	0.048 U	0.082 J	0.048 U	0.048 U
	FREON 11	ND	0.23	0.22	0.22	0.23	0.21	0.22
	FREON 12	20.222	0.45	0.44	0.42	0.45	0.45	0.45
	FREON 113	678.532	0.071 J	0.076 J	0.072 J	0.07 J	0.07 J	0.068 J
	FREON 114	ND	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U
	HEPTANE	102.475	0.051 U	0.051 U	0.051 U	0.075 J	0.086 J	0.051 U
	HEXACHLORO-1,3-BUTADIENE	0.012	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U
	HEXANE	207.111	0.066 J	0.11 J	0.056 U	0.13 J	0.11 J	0.056 U
	ISOPROPYL ALCOHOL	85.433	0.2 J	2	0.3 J	0.58	6.1	0.31 J
	M,P-XYLENES	ND	0.1 U	0.13 J	0.1 U	0.16 J	0.13 J	0.1 U
	METHYL BUTYL KETONE	7.567	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U
	METHYL ETHYL KETONE	1763.14	0.23	0.3	0.34	0.2	1.4	0.32
	METHYL ISOBUTYL KETONE	1051.102	0.084 U	0.084 U	0.084 U	0.084 U	0.084 U	0.084 U
	METHYL METHACRYLATE	178.269	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U
	METHYL TERTIARY BUTYL ETHER	3.051	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
	METHYLENE CHLORIDE	28.788	0.12 J	0.12 J	0.13 J	0.11 J	0.12 J	0.11 J
	N-BUTANE	ND	0.44	0.69	0.46	0.56	0.65	0.41
	N-PROPYLBENZENE	203.411	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U
	NAPHTHALENE	0.016	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
	NONANE	4.005	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
	O-XYLENE	23.031	0.056 U	0.056 U	0.056 U	0.067 J	0.056 J	0.056 U
	PENTANE	338.877	0.6	0.66	1.1	0.4	0.72	0.9
	PROPYLENE	1801.169	0.45 J	0.58	0.38 J	0.5	0.45 J	0.37 J
	STYRENE	234.758	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	TERT-BUTYL ALCOHOL	1715.326	0.16 U	0.16 U	0.16 U	0.16 U	3.2	0.16 U
	TETRACHLOROETHYLENE	1.622	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
	TETRAHYDROFURAN	712.037	0.072 J	0.095 J	0.065 U	0.065 U	0.065 U	0.065 U
	TOLUENE	1379.857	0.29	0.56	0.19	0.39	0.36	0.12 J
	TRANS-1,2-DICHLOROETHENE	10.593	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	TRANS-1,3-DICHLOROPROPENE	ND	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U
	TRICHLOROETHYLENE	0.089	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	0.061 J
	VINYL ACETATE	59.641	0.075 U	0.095 J	0.13 J	0.075 U	0.19	0.1 J
	VINYL BROMIDE	0.043	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	VINYL CHLORIDE	0.067	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U
Tentatively Identified Compound	3-BUTEN-1-OL, 3-METHYL-	ND					1.8 NJ	
	ETHANE, 1,1-DIFLUORO-	15547.313		4.5 NJ				
	ETHYL ALCOHOL	ND						
	NO VOLATILES FOUND	ND	0 U		0 U	0 U		0 U
	NONANAL	ND					1.8 NJ	

ND: RSL Not Derived
PPBV: Parts Per Billion by Volume
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:
J: Result is estimated between the laboratory method detection limit and reporting limit.
U: Non-detection
Laboratory result third-party data validation status:
L2V: Level II Verified
L4V: Level IV Validated
USEPA Regional Screening Values (RSLs) <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
Values were converted to ppb for comparison to lab results.

Screening Color

- Detection >= RSL
- Detection < RSL
- Detection RSL Not Derived
- Non-Detect

Analytical Air Sampling Results for Volatile Organic Compounds | mod. OSHA PV2120/mod. EPA T015; GC/MS

PROJ-040650 | Air Quality Assessment | Background

Data Updated at 6/27/2024 12:17:10 PM

Result Type	Analyte	USEPA Resident Air RSL (ppb)	4/28/2024 SPAR0428MC011	AS011* 4/29/2024 SPAR0429MC011	4/30/2024 SPAR0430MC011	4/28/2024 SPAR0428MC012	AS012* 4/29/2024 SPAR0429MC012	Screening Color
			PPBV L4V	PPBV L2V	PPBV L2V	PPBV L4V	PPBV L2V	
Target Analyte	1,1-DICHLOROETHANE	0.445	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	Detection >= RSL Detection < RSL Detection RSL Not Derived Non-Detect
	1,1-DICHLOROETHENE	52.966	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	
	1,1,1-TRICHLOROETHANE	953.073	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	
	1,1,2-TRICHLOROETHANE	0.033	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	
	1,1,2,2-TETRACHLOROETHANE	0.007	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	
	1,2-DIBROMOETHANE	0.001	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	
	1,2-DICHLOROBENZENE	34.926	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	
	1,2-DICHLOROETHANE	0.027	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
	1,2-DICHLOROPROPANE	0.164	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	
	1,2,4-TRICHLOROBENZENE	0.283	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U	
	1,2,4-TRIMETHYLBENZENE	12.816	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	
	1,3-BUTADIENE	0.042	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	
	1,3-DICHLOROBENZENE	ND	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	
	1,3,5-TRIMETHYLBENZENE	12.816	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	
	1,4-DICHLOROBENZENE	0.043	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	
	1,4-DIOXANE	0.155	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	
	2-CHLOROTOLUENE	ND	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	
	2,2,4-TRIMETHYLPENTANE	ND	0.05 U	0.096 J	0.05 U	0.05 U	0.065 J	
	4-ETHYLTOLUENE	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
	ACETONE	ND	2.9	3	2.8	2.7	6	
	ACETONITRILE	37.524	0.2 J	0.2 U	0.2 U	0.2 U	0.22 J	
	ACROLEIN	0.009	0.1 J	0.095 J	0.1 J	0.12 J	0.15 J	
	ACRYLONITRILE	0.019	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	
	ALLYL CHLORIDE	0.15	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U	
	BENZENE	0.113	0.086 J	0.14 J	0.084 J	0.083 J	0.13 J	
	BENZYL CHLORIDE	0.011	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	
	BROMODICHLOROMETHANE	0.011	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	
	BROMOFORM	0.252	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	
	BROMOMETHANE	1.339	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	
	CARBON DISULFIDE	234.42	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	
	CARBON TETRACHLORIDE	0.075	0.07 J	0.076 J	0.068 J	0.069 J	0.077 J	
	CHLOROBENZENE	11.295	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U	
	CHLOROETHANE	1591.846	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	
	CHLOROFORM	0.025	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	
	CHLOROMETHANE	45.52	0.57	0.51	0.56	0.54	0.55	
	CIS-1,2-DICHLOROETHYLENE	10.592	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	
	CIS-1,3-DICHLOROPROPENE	ND	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U	
	CUMENE	85.44	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U	
	CYCLOHEXANE	1830.264	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U	
	DIBROMOCHLOROMETHANE	ND	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U	
	ETHYL ACETATE	20.257	0.068 U	0.086 J	0.085 J	0.068 U	0.083 J	
	ETHYL BROMIDE	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
	ETHYLBENZENE	0.253	0.048 U	0.057 J	0.07 J	0.048 U	0.048 U	
	FREON 11	ND	0.21	0.22	0.22	0.21	0.23	
	FREON 12	20.222	0.45	0.45	0.45	0.44	0.43	
	FREON 113	678.532	0.07 J	0.073 J	0.071 J	0.063 J	0.071 J	
	FREON 114	ND	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	
	HEPTANE	102.475	0.051 U	0.061 J	0.077 J	0.051 U	0.051 U	
	HEXACHLORO-1,3-BUTADIENE	0.012	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U	
	HEXANE	207.111	0.068 J	0.15 J	0.1 J	0.082 J	0.27	
	ISOPROPYL ALCOHOL	85.433	0.24 J	0.26 J	0.31 J	0.19 J	0.91	
	M,P-XYLENES	ND	0.1 U	0.19 J	0.17 J	0.1 U	0.1 U	
	METHYL BUTYL KETONE	7.567	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U	
	METHYL ETHYL KETONE	1763.14	0.28	0.26	0.31	0.21	0.69	
	METHYL ISOBUTYL KETONE	1051.102	0.084 U	0.084 U	0.084 U	0.084 U	0.084 U	
	METHYL METHACRYLATE	178.269	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U	
	METHYL TERTIARY BUTYL ETHER	3.051	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	
	METHYLENE CHLORIDE	28.788	0.076 U	0.11 J	0.11 J	0.11 J	0.16 J	
	N-BUTANE	ND	0.34	0.94	0.49	0.43	1.3	
	N-PROPYLBENZENE	203.411	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U	
	NAPHTHALENE	0.016	0.14 U	0.14 U	0.17	0.14 U	0.14 U	
	NONANE	4.005	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U	
	O-XYLENE	23.031	0.056 U	0.073 J	0.056 U	0.056 U	0.056 U	
	PENTANE	338.877	0.31	0.42	0.37	0.49	1	
	PROPYLENE	1801.169	0.3 J	0.48 J	0.37 J	0.31 J	0.46 J	
	STYRENE	234.758	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	
	TERT-BUTYL ALCOHOL	1715.326	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	
	TETRACHLOROETHYLENE	1.622	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	
	TETRAHYDROFURAN	712.037	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	
	TOLUENE	1379.857	0.23	0.41	1.1	0.24	0.24	
	TRANS-1,2-DICHLOROETHENE	10.593	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	
	TRANS-1,3-DICHLOROPROPENE	ND	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	
	TRICHLOROETHYLENE	0.089	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U	
	VINYL ACETATE	59.641	0.075 U	0.075 U	0.12 J	0.075 U	0.16	
	VINYL BROMIDE	0.043	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	
	VINYL CHLORIDE	0.067	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U	
Tentatively Identified Compound	NO VOLATILES FOUND	ND	0 U	0 U	0 U	0 U	0 U	

ND: RSL Not Derived
PPBV: Parts Per Billion by Volume
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:
J: Result is estimated between the laboratory method detection limit and reporting limit.
U: Non-detection
Laboratory result third-party data validation status:
L2V: Level II Verified
L4V: Level IV Validated
USEPA Regional Screening Values (RSLs) <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
Values were converted to ppb for comparison to lab results.

Analytical Air Sampling Results for Volatile Organic Compounds | mod. OSHA PV2120/mod. EPA T015; GC/MS

PROJ-040650 | Air Quality Assessment | Background

Data Updated at 6/27/2024 12:17:10 PM

Result Type	Analyte	USEPA Resident Air RSL (ppb)	AS012*	4/28/2024	AS013*	4/30/2024	AS014*
			4/30/2024 SPAR0430MC012	SPAR0428MC013	4/29/2024 SPAR0429MC013	4/30/2024 SPAR0430MC013	4/28/2024 SPAR0428MC014
			PPBV L2V	PPBV L4V	PPBV L2V	PPBV L2V	PPBV L4V
Target Analyte	1,1-DICHLOROETHANE	0.445	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	1,1-DICHLOROETHENE	52.966	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
	1,1,1-TRICHLOROETHANE	953.073	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,1,2-TRICHLOROETHANE	0.033	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
	1,1,2,2-TETRACHLOROETHANE	0.007	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
	1,2-DIBROMOETHANE	0.001	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	1,2-DICHLOROBENZENE	34.926	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	1,2-DICHLOROETHANE	0.027	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	1,2-DICHLOROPROPANE	0.164	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,2,4-TRICHLOROBENZENE	0.283	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U
	1,2,4-TRIMETHYLBENZENE	12.816	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U
	1,3-BUTADIENE	0.042	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
	1,3-DICHLOROBENZENE	ND	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	1,3,5-TRIMETHYLBENZENE	12.816	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U
	1,4-DICHLOROBENZENE	0.043	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U
	1,4-DIOXANE	0.155	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
	2-CHLOROTOLUENE	ND	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	2,2,4-TRIMETHYLPENTANE	ND	0.05 U	0.05 U	0.11 J	0.05 U	0.053 J
	4-ETHYLTOLUENE	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	ACETONE	ND	4.2	3.4	2.4	3	2.2
	ACETONITRILE	37.524	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
	ACROLEIN	0.009	0.079 J	0.13 J	0.18	0.11 J	0.068 U
	ACRYLONITRILE	0.019	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
	ALLYL CHLORIDE	0.15	0.061 U	0.061 U	0.061 U	0.061 U	0.061 U
	BENZENE	0.113	0.12 J	0.096 J	0.087 J	0.075 J	0.081 J
	BENZYL CHLORIDE	0.011	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U
	BROMODICHLOROMETHANE	0.011	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	BROMOFORM	0.252	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	BROMOMETHANE	1.339	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U
	CARBON DISULFIDE	234.42	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
	CARBON TETRACHLORIDE	0.075	0.07 J	0.072 J	0.072 J	0.078 J	0.073 J
	CHLOROBENZENE	11.295	0.055 U	0.055 U	0.055 U	0.055 U	0.055 U
	CHLOROETHANE	1591.846	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U
	CHLOROFORM	0.025	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	CHLOROMETHANE	45.52	0.57	0.57	0.46	0.56	0.56
	CIS-1,2-DICHLOROETHYLENE	10.592	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	CIS-1,3-DICHLOROPROPENE	ND	0.045 U	0.045 U	0.045 U	0.045 U	0.045 U
	CUMENE	85.44	0.046 U	0.046 U	0.046 U	0.046 U	0.046 U
	CYCLOHEXANE	1830.264	0.058 U	0.058 U	0.058 U	0.058 U	0.058 U
	DIBROMOCHLOROMETHANE	ND	0.053 U	0.053 U	0.053 U	0.053 U	0.053 U
	ETHYL ACETATE	20.257	0.089 J	0.088 J	0.068 U	0.18	0.068 U
	ETHYL BROMIDE	ND	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
	ETHYLBENZENE	0.253	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U
	FREON 11	ND	0.21	0.22	0.21	0.23	0.21
	FREON 12	20.222	0.45	0.44	0.43	0.43	0.44
	FREON 113	678.532	0.072 J	0.064 J	0.068 J	0.075 J	0.065 J
	FREON 114	ND	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U
	HEPTANE	102.475	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	HEXACHLORO-1,3-BUTADIENE	0.012	0.057 U	0.057 U	0.057 U	0.057 U	0.057 U
	HEXANE	207.111	0.056 U	0.056 U	0.084 J	0.056 U	0.1 J
	ISOPROPYL ALCOHOL	85.433	0.24 J	0.78	0.53	0.73	0.3 J
	M,P-XYLENES	ND	0.1 U	0.12 J	0.12 J	0.1 U	0.11 J
	METHYL BUTYL KETONE	7.567	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U
	METHYL ETHYL KETONE	1763.14	0.39	0.37	0.24	0.37	0.16
	METHYL ISOBUTYL KETONE	1051.102	0.084 U	0.084 U	0.084 U	0.084 U	0.084 U
	METHYL METHACRYLATE	178.269	0.059 U	0.059 U	0.059 U	0.059 U	0.059 U
	METHYL TERTIARY BUTYL ETHER	3.051	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U
	METHYLENE CHLORIDE	28.788	0.1 J	0.11 J	0.11 J	0.12 J	0.11 J
	N-BUTANE	ND	0.45	0.29	0.49	0.4	0.41
	N-PROPYLBENZENE	203.411	0.054 U	0.054 U	0.054 U	0.054 U	0.054 U
	NAPHTHALENE	0.016	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
	NONANE	4.005	0.064 U	0.064 U	0.064 U	0.064 U	0.064 U
	O-XYLENE	23.031	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U
	PENTANE	338.877	0.72	0.47	0.32	0.81	0.39
	PROPYLENE	1801.169	0.34 J	0.3 J	0.39 J	0.33 J	0.24 J
	STYRENE	234.758	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
	TERT-BUTYL ALCOHOL	1715.326	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
	TETRACHLOROETHYLENE	1.622	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U
	TETRAHYDROFURAN	712.037	0.065 U	0.078 J	0.065 U	0.065 U	0.065 U
	TOLUENE	1379.857	0.21	0.52	0.31	0.16 J	0.75
	TRANS-1,2-DICHLOROETHENE	10.593	0.051 U	0.2	0.051 U	0.051 U	0.051 U
	TRANS-1,3-DICHLOROPROPENE	ND	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U
	TRICHLOROETHYLENE	0.089	0.044 U	0.044 U	0.044 U	0.044 U	0.044 U
	VINYL ACETATE	59.641	0.092 J	0.075 U	0.11 J	0.11 J	0.075 U
	VINYL BROMIDE	0.043	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U
	VINYL CHLORIDE	0.067	0.063 U	0.063 U	0.063 U	0.063 U	0.063 U
Tentatively Identified Compound	NO VOLATILES FOUND	ND	0 U	0 U	0 U	0 U	0 U

ND: RSL Not Derived
PPBV: Parts Per Billion by Volume
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:
J: Result is estimated between the laboratory method detection limit and reporting limit.
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Laboratory result third-party data validation status:
L2V: Level II Verified
L4V: Level IV Validated
USEPA Regional Screening Values (RSLs) <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
Values were converted to ppb for comparison to lab results.

Screening Color

Detection >= RSL

Detection < RSL

Detection RSL Not Derived

Non-Detect

Analytical Air Sampling Results for Volatile Organic Compounds | mod. OSHA PV2120/mod. EPA T015; GC/MS

PROJ-040650 | Air Quality Assessment | Background

Data Updated at 6/27/2024 12:17:10 PM

Result Type	Analyte	USEPA Resident Air RSL (ppb)	AS014*	4/30/2024
			4/29/2024	SPAR0430MC014
			SPAR0429MC014	PPBV
Target Analyte			PPBV	PPBV
			L2V	L2V
Target Analyte	1,1-DICHLOROETHANE	0.445	0.044 U	0.044 U
	1,1-DICHLOROETHENE	52.966	0.047 U	0.047 U
	1,1,1-TRICHLOROETHANE	953.073	0.043 U	0.043 U
	1,1,2-TRICHLOROETHANE	0.033	0.049 U	0.049 U
	1,1,2,2-TETRACHLOROETHANE	0.007	0.055 U	0.055 U
	1,2-DIBROMOETHANE	0.001	0.051 U	0.051 U
	1,2-DICHLOROBENZENE	34.926	0.044 U	0.044 U
	1,2-DICHLOROETHANE	0.027	0.05 U	0.05 U
	1,2-DICHLOROPROPANE	0.164	0.043 U	0.043 U
	1,2,4-TRICHLOROBENZENE	0.283	0.093 U	0.093 U
	1,2,4-TRIMETHYLBENZENE	12.816	0.056 U	0.056 U
	1,3-BUTADIENE	0.042	0.071 U	0.071 U
	1,3-DICHLOROBENZENE	ND	0.043 U	0.043 U
	1,3,5-TRIMETHYLBENZENE	12.816	0.054 U	0.054 U
	1,4-DICHLOROBENZENE	0.043	0.053 U	0.053 U
	1,4-DIOXANE	0.155	0.064 U	0.064 U
	2-CHLOROTOLUENE	ND	0.046 U	0.046 U
	2,2,4-TRIMETHYLPENTANE	ND	0.063 J	0.05 U
	4-ETHYLTOLUENE	ND	0.05 U	0.05 U
	ACETONE	ND	3.4	3.9
	ACETONITRILE	37.524	0.2 U	0.37 J
	ACROLEIN	0.009	0.15 J	0.17
	ACRYLONITRILE	0.019	0.069 U	0.069 U
	ALLYL CHLORIDE	0.15	0.061 U	0.061 U
	BENZENE	0.113	0.12 J	0.082 J
	BENZYL CHLORIDE	0.011	0.087 U	0.087 U
	BROMODICHLOROMETHANE	0.011	0.045 U	0.045 U
	BROMOFORM	0.252	0.051 U	0.051 U
	BROMOMETHANE	1.339	0.059 U	0.059 U
	CARBON DISULFIDE	234.42	0.14 U	0.14 U
	CARBON TETRACHLORIDE	0.075	0.07 J	0.072 J
	CHLOROBENZENE	11.295	0.055 U	0.055 U
	CHLOROETHANE	1591.846	0.085 U	0.085 U
	CHLOROFORM	0.025	0.046 U	0.046 U
	CHLOROMETHANE	45.52	0.48	0.58
	CIS-1,2-DICHLOROETHYLENE	10.592	0.045 U	0.045 U
	CIS-1,3-DICHLOROPROPENE	ND	0.045 U	0.045 U
	CUMENE	85.44	0.046 U	0.046 U
	CYCLOHEXANE	1830.264	0.058 U	0.058 U
	DIBROMOCHLOROMETHANE	ND	0.053 U	0.053 U
	ETHYL ACETATE	20.257	0.074 J	0.075 J
	ETHYL BROMIDE	ND	0.05 U	0.05 U
	ETHYLBENZENE	0.253	0.048 U	0.048 U
	FREON 11	ND	0.21	0.22
	FREON 12	20.222	0.42	0.44
	FREON 113	678.532	0.066 J	0.07 J
	FREON 114	ND	0.056 U	0.056 U
	HEPTANE	102.475	0.053 J	0.051 U
	HEXACHLORO-1,3-BUTADIENE	0.012	0.057 U	0.057 U
	HEXANE	207.111	0.096 J	0.064 J
	ISOPROPYL ALCOHOL	85.433	1.3	0.34 J
	M,P-XYLENES	ND	0.1 U	0.1 U
	METHYL BUTYL KETONE	7.567	0.092 U	0.092 U
	METHYL ETHYL KETONE	1763.14	0.37	0.29
	METHYL ISOBUTYL KETONE	1051.102	0.084 U	0.084 U
	METHYL METHACRYLATE	178.269	0.059 U	0.059 U
	METHYL TERTIARY BUTYL ETHER	3.051	0.047 U	0.047 U
	METHYLENE CHLORIDE	28.788	0.11 J	0.15 J
	N-BUTANE	ND	0.69	0.49
	N-PROPYLBENZENE	203.411	0.054 U	0.054 U
	NAPHTHALENE	0.016	0.14 U	0.14 U
	NONANE	4.005	0.064 U	0.064 U
	O-XYLENE	23.031	0.056 U	0.056 U
	PENTANE	338.877	0.43	1
	PROPYLENE	1801.169	0.44 J	0.37 J
	STYRENE	234.758	0.051 U	0.051 U
	TERT-BUTYL ALCOHOL	1715.326	0.16 U	0.16 U
	TETRACHLOROETHYLENE	1.622	0.049 U	0.049 U
	TETRAHYDROFURAN	712.037	0.065 U	0.065 U
	TOLUENE	1379.857	0.26	0.16 J
	TRANS-1,2-DICHLOROETHENE	10.593	0.051 U	0.051 U
	TRANS-1,3-DICHLOROPROPENE	ND	0.048 U	0.048 U
	TRICHLOROETHYLENE	0.089	0.044 U	0.044 U
	VINYL ACETATE	59.641	0.12 J	0.14 J
	VINYL BROMIDE	0.043	0.043 U	0.043 U
	VINYL CHLORIDE	0.067	0.063 U	0.063 U
Tentatively Identified Compound	NO VOLATILES FOUND	ND	0 U	0 U

ND: RSL Not Derived
PPBV: Parts Per Billion by Volume
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:
J: Result is estimated between the laboratory method detection limit and reporting limit.
U: Non-detection
Laboratory result third-party data validation status:
L2V: Level II Verified
L4V: Level IV Validated
USEPA Regional Screening Values (RSLs) <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
Values were converted to ppb for comparison to lab results.

Screening Color

Detection >= RSL

Detection < RSL

Detection RSL Not Derived

Non-Detect

Attachment E

Analytical Air Sampling Results for Hydrogen Sulfide

Analytical Air Sampling Results for Hydrogen Sulfide | In-house:
WET-SOP-13; Colorimetric
PROJ-040650 | Air Quality Assessment | **Sampling Locations Surrounding the WM Landfill**
Data Updated at 6/27/2024 12:17:10 PM

Location Code	Sample Date*	Sample ID	USEPA Resident Air RSL (ppm)	HYDROGEN SULFIDE	Screening Color
				PPM L2V	
AS001	4/28/2024	SPAR0428R001	0.0015	0.0029 U	■ Non-Detect
AS002	4/28/2024	SPAR0428R002	0.0015	0.0029 U	
AS003	4/28/2024	SPAR0428R003	0.0015	0.0029 U	
AS004	4/28/2024	SPAR0428R004	0.0015	0.0029 U	
AS005	4/28/2024	SPAR0428R005	0.0015	0.0029 U	
AS006	4/28/2024	SPAR0428R006	0.0015	0.0029 U	
AS007	4/28/2024	SPAR0428R007	0.0015	0.0029 U	
AS008	4/28/2024	SPAR0428R008	0.0015	0.0029 U	
AS009	4/28/2024	SPAR0428R009	0.0015	0.0029 U	
AS010	4/28/2024	SPAR0428R010	0.0015	0.0029 U	

Air samples for hydrogen sulfide were collected over a 72-hour period.
PPM: Parts per Million
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:
J: Result is estimated between the laboratory method detection limit and reporting limit.
U: Non-detection
Laboratory result third-party data validation status:
L2V: Level II Verified
L4V: Level IV Validated
USEPA Regional Screening Values (RSLs) <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>
Values were converted to ppm for comparison to lab results.

Analytical Air Sampling Results for Hydrogen Sulfide | In-house: WET-SOP-13; Colorimetric

PROJ-040650 | Air Quality Assessment | **Background**

Data Updated at 6/27/2024 12:17:10 PM

Location Code	Sample Date*	Sample ID	USEPA Resident Air RSL (ppm)	HYDROGEN SULFIDE PPM	Screening Color ■ Non-Detect
				L2V	
AS011*	4/28/2024	SPAR0428R011	0.0015	0.0029 U	
AS012*	4/28/2024	SPAR0428R012	0.0015	0.0029 U	
AS013*	4/28/2024	SPAR0428R013	0.0015	0.0029 U	
AS014*	4/28/2024	SPAR0428R014	0.0015	0.0029 U	

Air samples for hydrogen sulfide were collected over a 72-hour period.

PPM: Parts per Million

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below:

J: Result is estimated between the laboratory method detection limit and reporting limit.

U: Non-detection

Laboratory result third-party data validation status:

L2V: Level II Verified

L4V: Level IV Validated

USEPA Regional Screening Values (RSLs) <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>

Values were converted to ppm for comparison to lab results.

Attachment F

Laboratory Results



Mr. Justin Langley
Center for Toxicology & Env. Health LLC
2000 Anders Lane
Kemah, TX 77565

June 04, 2024

Account# 13913

Login# L624707

Dear Mr. Langley:

Enclosed are the revised analytical results for the samples received by our laboratory on April 30, 2024. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

A handwritten signature in black ink that reads "Lisa Swab". The signature is written in a cursive, flowing style.

Lisa Swab
Laboratory Director

Enclosure(s)

COMMENT ANNEX

Please note that this revision cancels and supersedes L624707 (report reference:2) dated 05/30/24 issued by SGS Galson.

Per your request, the following clarifying information has been added to this annex:

Samples MC001-MC004 were analyzed on MS-U, which is identified as R563031 in the associated EDD. (WG589609, analysis date of 5/1-5/2/24)

Samples MC005-MC014 were analyzed on MS-Q, which is identified as R563381 in the associated EDD. (WG589982, analysis date of 5/5-5/6/24)

Sample MC008 was reanalyzed at a dilution on MS-G for Acetone, which is identified as R563409 in the associated EDD. (WG589996, analysis date of 5/6/24)

This same information (EDD references aside) can also be found in the instrument sequences included in the Level IV data package issued yesterday.

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at <http://www.sgsgalson.com> in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead, Environmental Microbiology

State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - Liters	m3 - Cubic Meters	NS - Not Specified	ppbv - ppb Volume
LOQ - Limit of Quantitation	kg - Kilograms	ND - Not Detected	ppmv - ppm Volume
ft2 - Square Feet	cm2 - Square Centimeters	in2 - Square Inches	ng - Nanograms



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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client	: Center for Toxicology & Env. H	Account No.:	13913
Site	: NS	Login No.	: L624707
Project No.	: PROJ-040650		
Date Sampled	: 29-APR-24	Date Analyzed	: 02-MAY-24 - 06-MAY-24
Date Received	: 30-APR-24	Report ID	: 1421627

Client ID : SPAR0428MC001
Date Sampled : 04/29/24

Lab ID : L624707-1
Date Analyzed : 05/02/24

<u>Parameter</u>	<u>MDL</u> <u>ppbv</u>	<u>MDL</u> <u>ug/m3</u>	<u>LOQ</u> <u>ppbv</u>	<u>LOQ</u> <u>ug/m3</u>	<u>Result</u> <u>ppbv</u>	<u>Result</u> <u>ug/m3</u>	<u>Qualifier</u>	<u>Dilution</u> <u>Factor</u>
Propylene	0.20	0.35	0.50	0.86	ND	ND	U	1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.71	1.5		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.47	1.1		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	ND	ND	U	1
Acetone	0.19	0.45	0.50	1.2	2.2	5.2		1
Freon-11	0.04	0.25	0.16	0.90	0.19	1.1		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.18	0.44	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS	QC by	: AMD	Supervisor: JMR
Collection Media : 6L Canister	Approved by	: JMR	
Submitted by : CPH/BHB	Date	: 22-MAY-24	NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.



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Project No. : PROJ-040650
Date Sampled : 29-APR-24
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Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC001
Date Sampled : 04/29/24

Lab ID : L624707-1
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.57	1.7		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.099	0.34	J	1
Freon-113	0.05	0.38	0.16	1.2	ND	ND	U	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.14	0.40	J	1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	ND	ND	U	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC001
Date Sampled : 04/29/24

Lab ID : L624707-1
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	ND	ND	U	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	ND	ND	U	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Login No. : L624707
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Report ID : 1421627

Client ID : SPAR0428MC001
Date Sampled : 04/29/24

Lab ID : L624707-1
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.20	0.74		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	0.12	0.51	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC001
Date Sampled : 04/29/24

Lab ID : L624707-1
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC002
Date Sampled : 04/29/24

Lab ID : L624707-2
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.31	0.52	J	1
Freon-12	0.05	0.26	0.16	0.79	0.46	2.3		1
Chloromethane	0.06	0.13	0.16	0.33	0.73	1.5		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.44	1.1		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.45	1.0		1
Acetone	0.19	0.45	0.50	1.2	4.7	11		1
Freon-11	0.04	0.25	0.16	0.90	0.20	1.1		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.23	0.56	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC002
Date Sampled : 04/29/24

Lab ID : L624707-2
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.45	1.3		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.37	J	1
Freon-113	0.05	0.38	0.16	1.2	ND	ND	U	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.097	0.34	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.87	2.6		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	ND	ND	U	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC002
Date Sampled : 04/29/24

Lab ID : L624707-2
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.15	0.48	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	ND	ND	U	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC002
Date Sampled : 04/29/24

Lab ID : L624707-2
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.51	1.9		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	0.28	1.2		1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	0.20	0.85	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC002
Date Sampled : 04/29/24

Lab ID : L624707-2
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	0.16	0.79		1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC003
Date Sampled : 04/29/24

Lab ID : L624707-3
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.29	0.50	J	1
Freon-12	0.05	0.26	0.16	0.79	0.43	2.1		1
Chloromethane	0.06	0.13	0.16	0.33	0.62	1.3		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.71	1.7		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	ND	ND	U	1
Acetone	0.19	0.45	0.50	1.2	2.7	6.4		1
Freon-11	0.04	0.25	0.16	0.90	0.22	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.18	0.45	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Sampled : 29-APR-24
Date Received : 30-APR-24

Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC003
Date Sampled : 04/29/24

Lab ID : L624707-3
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.55	1.6		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.091	0.32	J	1
Freon-113	0.05	0.38	0.16	1.2	ND	ND	U	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.21	0.61		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.11	0.39	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC003
Date Sampled : 04/29/24

Lab ID : L624707-3
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.15	0.49	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	ND	ND	U	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC003
Date Sampled : 04/29/24

Lab ID : L624707-3
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.34	1.3		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	0.11	0.47	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Sampled : 29-APR-24
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Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC003
Date Sampled : 04/29/24

Lab ID : L624707-3
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC004
Date Sampled : 04/29/24

Lab ID : L624707-4
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	ND	ND	U	1
Freon-12	0.05	0.26	0.16	0.79	0.44	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.64	1.3		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.63	1.5		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	ND	ND	U	1
Acetone	0.19	0.45	0.50	1.2	14	33		1
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.43	1.0	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC004
Date Sampled : 04/29/24

Lab ID : L624707-4
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.81	2.4		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	ND	ND	U	1
Freon-113	0.05	0.38	0.16	1.2	ND	ND	U	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.19	0.55		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	ND	ND	U	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.24	0.87		1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC004
Date Sampled : 04/29/24

Lab ID : L624707-4
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.11	0.35	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	ND	ND	U	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC004
Date Sampled : 04/29/24

Lab ID : L624707-4
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.26	0.97		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	0.11	0.46	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Client ID : SPAR0428MC004
Date Sampled : 04/29/24

Lab ID : L624707-4
Date Analyzed : 05/02/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC005
Date Sampled : 04/29/24

Lab ID : L624707-5
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.28	0.48	J	1
Freon-12	0.05	0.26	0.16	0.79	0.42	2.1		1
Chloromethane	0.06	0.13	0.16	0.33	0.53	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.43	1.0		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	ND	ND	U	1
Acetone	0.19	0.45	0.50	1.2	8.7	21		1
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.23	0.57	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Date Sampled : 29-APR-24
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Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC005
Date Sampled : 04/29/24

Lab ID : L624707-5
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.35	1.0		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.10	0.36	J	1
Freon-113	0.05	0.38	0.16	1.2	0.071	0.54	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.17	0.51		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.072	0.25	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24

Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC005
Date Sampled : 04/29/24

Lab ID : L624707-5
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.083	0.27	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.070	0.44	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Sampled : 29-APR-24
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Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC005
Date Sampled : 04/29/24

Lab ID : L624707-5
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.20	0.75		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Report ID : 1421627

Client ID : SPAR0428MC005
Date Sampled : 04/29/24

Lab ID : L624707-5
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC006
Date Sampled : 04/29/24

Lab ID : L624707-6
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.34	0.58	J	1
Freon-12	0.05	0.26	0.16	0.79	0.42	2.1		1
Chloromethane	0.06	0.13	0.16	0.33	0.54	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.41	0.97		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	ND	ND	U	1
Acetone	0.19	0.45	0.50	1.2	1.7	4.1		1
Freon-11	0.04	0.25	0.16	0.90	0.20	1.1		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	ND	ND	U	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC006
Date Sampled : 04/29/24

Lab ID : L624707-6
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.34	1.0		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.10	0.35	J	1
Freon-113	0.05	0.38	0.16	1.2	0.069	0.53	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.17	0.51		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.073	0.26	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.082	0.30	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Project No. : PROJ-040650
Date Sampled : 29-APR-24
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Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC006
Date Sampled : 04/29/24

Lab ID : L624707-6
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.11	0.34	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.066	0.42	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC006
Date Sampled : 04/29/24

Lab ID : L624707-6
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.27	1.0		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	0.14	0.60	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC006
Date Sampled : 04/29/24

Lab ID : L624707-6
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	0.057	0.28	J	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC007
Date Sampled : 04/29/24

Lab ID : L624707-7
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.33	0.56	J	1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.54	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.30	0.71		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.095	0.22	J	1
Acetone	0.19	0.45	0.50	1.2	2.4	5.7		1
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.25	0.62	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC007
Date Sampled : 04/29/24

Lab ID : L624707-7
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.20	0.58		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.10	0.36	J	1
Freon-113	0.05	0.38	0.16	1.2	0.063	0.48	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.082	0.29	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.18	0.52		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	ND	ND	U	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24

Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC007
Date Sampled : 04/29/24

Lab ID : L624707-7
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	0.088	0.26	J	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.095	0.30	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.071	0.45	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC007
Date Sampled : 04/29/24

Lab ID : L624707-7
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.23	0.86		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC007
Date Sampled : 04/29/24

Lab ID : L624707-7
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC008
Date Sampled : 04/29/24

Lab ID : L624707-8
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.30	0.52	J	1
Freon-12	0.05	0.26	0.16	0.79	0.44	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.55	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.37	0.88		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	0.30	0.51	J	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.25	0.58		1
Acetone	4.8	11	13	30	390	930		25
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	4.3	11		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC008
Date Sampled : 04/29/24

Lab ID : L624707-8
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.47	1.4		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	2.5	7.7		1
Methylene Chloride	0.07	0.26	0.16	0.56	0.12	0.41	J	1
Freon-113	0.05	0.38	0.16	1.2	0.070	0.54	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.22	0.76		1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	1.4	4.0		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.071	0.25	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.32	1.2		1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC008
Date Sampled : 04/29/24

Lab ID : L624707-8
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	0.21	0.62		1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.10	0.33	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.073	0.46	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	0.064	0.26	J	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client : Center for Toxicology & Env. H
Site : NS
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Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC008
Date Sampled : 04/29/24

Lab ID : L624707-8
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	0.097	0.40	J	1
Toluene	0.05	0.19	0.16	0.60	0.47	1.8		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	0.057	0.25	J	1
m & p-xylene	0.10	0.45	0.32	1.4	0.19	0.82	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	0.069	0.29	J	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	0.086	0.37	J	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC008
Date Sampled : 04/29/24

Lab ID : L624707-8
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	0.065	0.34	J	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	0.54	2.7		1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC009
Date Sampled : 04/29/24

Lab ID : L624707-9
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.45	0.77	J	1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.56	1.2		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.44	1.0		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.10	0.24	J	1
Acetone	0.19	0.45	0.50	1.2	3.2	7.7		1
Freon-11	0.04	0.25	0.16	0.90	0.23	1.3		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.20	0.49	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client : Center for Toxicology & Env. H
Site : NS
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Date Sampled : 29-APR-24
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Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC009
Date Sampled : 04/29/24

Lab ID : L624707-9
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.60	1.8		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.12	0.41	J	1
Freon-113	0.05	0.38	0.16	1.2	0.071	0.54	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.23	0.67		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.066	0.23	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC009
Date Sampled : 04/29/24

Lab ID : L624707-9
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	0.072	0.21	J	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.17	0.56		1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.071	0.45	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC009
Date Sampled : 04/29/24

Lab ID : L624707-9
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.29	1.1		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC009
Date Sampled : 04/29/24

Lab ID : L624707-9
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC010
Date Sampled : 04/29/24

Lab ID : L624707-10
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.50	0.87		1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.55	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.56	1.3		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.091	0.21	J	1
Acetone	0.19	0.45	0.50	1.2	2.7	6.4		1
Freon-11	0.04	0.25	0.16	0.90	0.23	1.3		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.58	1.4		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC010
Date Sampled : 04/29/24

Lab ID : L624707-10
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.40	1.2		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.39	J	1
Freon-113	0.05	0.38	0.16	1.2	0.070	0.54	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.20	0.59		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.13	0.45	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC010
Date Sampled : 04/29/24

Lab ID : L624707-10
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.29	0.92		1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.071	0.45	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.086	0.40	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	0.075	0.31	J	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC010
Date Sampled : 04/29/24

Lab ID : L624707-10
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.39	1.5		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	0.082	0.36	J	1
m & p-xylene	0.10	0.45	0.32	1.4	0.16	0.71	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	0.067	0.29	J	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC010
Date Sampled : 04/29/24

Lab ID : L624707-10
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC011
Date Sampled : 04/29/24

Lab ID : L624707-11
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.30	0.52	J	1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.57	1.2		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.34	0.81		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	0.20	0.34	J	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.10	0.23	J	1
Acetone	0.19	0.45	0.50	1.2	2.9	6.8		1
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.24	0.59	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC011
Date Sampled : 04/29/24

Lab ID : L624707-11
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.31	0.92		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	ND	ND	U	1
Freon-113	0.05	0.38	0.16	1.2	0.070	0.54	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.28	0.81		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.068	0.24	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LELAP Lab ID #04083

6601 Kirkville Road
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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC011
Date Sampled : 04/29/24

Lab ID : L624707-11
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.086	0.27	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.070	0.44	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Date Sampled : 04/29/24

Lab ID : L624707-11
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.23	0.85		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Client ID : SPAR0428MC011
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Lab ID : L624707-11
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
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Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC012
Date Sampled : 04/29/24

Lab ID : L624707-12
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.31	0.54	J	1
Freon-12	0.05	0.26	0.16	0.79	0.44	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.54	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.43	1.0		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.12	0.26	J	1
Acetone	0.19	0.45	0.50	1.2	2.7	6.4		1
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.19	0.47	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Client ID : SPAR0428MC012
Date Sampled : 04/29/24

Lab ID : L624707-12
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.49	1.4		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.39	J	1
Freon-113	0.05	0.38	0.16	1.2	0.063	0.48	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.21	0.63		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.082	0.29	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Client ID : SPAR0428MC012
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Lab ID : L624707-12
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.083	0.27	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.069	0.43	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Lab ID : L624707-12
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.24	0.92		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Lab ID : L624707-12
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

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Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC013
Date Sampled : 04/29/24

Lab ID : L624707-13
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.30	0.52	J	1
Freon-12	0.05	0.26	0.16	0.79	0.44	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.57	1.2		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.29	0.69		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.13	0.29	J	1
Acetone	0.19	0.45	0.50	1.2	3.4	8.0		1
Freon-11	0.04	0.25	0.16	0.90	0.22	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.78	1.9		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
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Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC013
Date Sampled : 04/29/24

Lab ID : L624707-13
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.47	1.4		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.38	J	1
Freon-113	0.05	0.38	0.16	1.2	0.064	0.49	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	0.20	0.80		1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.37	1.1		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	ND	ND	U	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.088	0.32	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Report ID : 1421627

Client ID : SPAR0428MC013
Date Sampled : 04/29/24

Lab ID : L624707-13
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	0.078	0.23	J	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.096	0.31	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.072	0.45	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Account No.: 13913
Login No. : L624707
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Report ID : 1421627

Client ID : SPAR0428MC013
Date Sampled : 04/29/24

Lab ID : L624707-13
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.52	2.0		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	0.12	0.50	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC013
Date Sampled : 04/29/24

Lab ID : L624707-13
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
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NYS DOH # : 11626

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Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC014
Date Sampled : 04/29/24

Lab ID : L624707-14
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.24	0.41	J	1
Freon-12	0.05	0.26	0.16	0.79	0.44	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.56	1.2		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.41	0.98		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	ND	ND	U	1
Acetone	0.19	0.45	0.50	1.2	2.2	5.2		1
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.30	0.74	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client	: Center for Toxicology & Env. H	Account No.:	13913
Site	: NS	Login No.:	L624707
Project No.	: PROJ-040650		
Date Sampled	: 29-APR-24	Date Analyzed	: 02-MAY-24 - 06-MAY-24
Date Received	: 30-APR-24	Report ID	: 1421627

Client ID : SPAR0428MC014
 Date Sampled : 04/29/24

Lab ID : L624707-14
 Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.39	1.1		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.38	J	1
Freon-113	0.05	0.38	0.16	1.2	0.065	0.50	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.16	0.47		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.10	0.36	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
 Collection Media : 6L Canister
 Submitted by : CPH/BHB

QC by : AMD
 Approved by : JMR
 Date : 22-MAY-24
 Supervisor: JMR
 NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Client ID : SPAR0428MC014
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Lab ID : L624707-14
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.081	0.26	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.073	0.46	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.053	0.25	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC014
Date Sampled : 04/29/24

Lab ID : L624707-14
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.75	2.8		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	0.11	0.47	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.



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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1421627

Client ID : SPAR0428MC014
Date Sampled : 04/29/24

Lab ID : L624707-14
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.



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Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1422264

Client ID : SPAR0428MC001

Lab ID : L624707-1

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1422264

Client ID : SPAR0428MC002

Lab ID : L624707-2

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1422264

Client ID : SPAR0428MC003

Lab ID : L624707-3

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1422264

Client ID : SPAR0428MC004

Lab ID : L624707-4

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
Ethane, 1,1-difluoro-	000075-37-6	3.66	1.5	4.1	J

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1422264

Client ID : SPAR0428MC005

Lab ID : L624707-5

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1422264

Client ID : SPAR0428MC006

Lab ID : L624707-6

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1422264

Client ID : SPAR0428MC007

Lab ID : L624707-7

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1422264

Client ID : SPAR0428MC008

Lab ID : L624707-8

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Site : NS
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Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1422264

Client ID : SPAR0428MC009

Lab ID : L624707-9

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Site : NS
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Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1422264

Client ID : SPAR0428MC010

Lab ID : L624707-10

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1422264

Client ID : SPAR0428MC011

Lab ID : L624707-11

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1422264

Client ID : SPAR0428MC012

Lab ID : L624707-12

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Site : NS
Project No. : PROJ-040650
Date Sampled : 29-APR-24
Date Received : 30-APR-24
Account No.: 13913
Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1422264

Client ID : SPAR0428MC013

Lab ID : L624707-13

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Login No. : L624707
Date Analyzed : 02-MAY-24 - 06-MAY-24
Report ID : 1422264

Client ID : SPAR0428MC014

Lab ID : L624707-14

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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LABORATORY FOOTNOTE REPORT

6601 Kirkville Road
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Client Name : Center for Toxicology & Env. Health LLC
Site :
Project No. : PROJ-040650

Date Sampled : 29-APR-24
Date Received: 30-APR-24
Date Analyzed: 02-MAY-24 - 06-MAY-24

Account No.: 13913
Login No. : L624707

L624707 (Report ID: 1421627):

EPA qualifiers are as follows:

U - Compound was analyzed for, but not detected.

J - Compound was found greater than the MDL, but less than the LOQ.

B - Compound is found in the associated method blank as well as in the sample.

SOPs: in-vocs(44)

L624707-2-3,7,11 (Report ID: 1421627):

Sample canister was received at/near ambient pressure.

L624707 (Report ID: 1421627):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
1,1,2,2-Tetrachloroethane	+/-13.9%	96.1%
1,1,2-Trichloroethane	+/-12.7%	96.3%
1,1-Dichloroethane	+/-13.8%	97.9%
1,1-Dichloroethene	+/-14.9%	101%
1,2,4-Trichlorobenzene	+/-24.6%	102%
1,2,4-Trimethylbenzene	+/-16.2%	98.3%
1,2-Dibromoethane	+/-13.7%	97.6%
1,2-Dichlorobenzene	+/-14.7%	99.7%
1,2-Dichloroethane	+/-12.9%	96.7%
1,2-Dichloropropane	+/-14.3%	98.2%
1,3,5-Trimethylbenzene	+/-14.4%	98%
1,3-Dichlorobenzene	+/-15.3%	99.9%
1,4-Dichlorobenzene	+/-15.9%	99.3%
2,2,4-Trimethylpentane	+/-15.4%	98.6%
2-Chlorotoluene	+/-14.8%	99.4%
4-Ethyltoluene	+/-15.2%	102%
Acrolein	+/-25.2%	90.7%
Acrylonitrile	+/-19.1%	99.8%
Allyl Chloride	+/-22%	96.8%
Acetonitrile	+/-25%	98.1%
Acetone	+/-17.7%	95.6%
Bromodichloromethane	+/-13.7%	98.2%
Bromoform	+/-20.8%	109%
1,3-Butadiene	+/-17.2%	97.2%
n-Butane	+/-19.4%	92.7%
Benzene	+/-13.6%	97.7%



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Site :
Project No. : PROJ-040650

Date Sampled : 29-APR-24
Date Received: 30-APR-24
Date Analyzed: 02-MAY-24 - 06-MAY-24

Account No.: 13913
Login No. : L624707

Benzyl Chloride	+/-21%	112%
Carbon Disulfide	+/-15.3%	103%
Carbon Tetrachloride	+/-14.3%	101%
cis-1,2-Dichloroethylene	+/-14.2%	98.5%
cis-1,3-Dichloropropene	+/-17.7%	97.2%
Chlorobenzene	+/-12.7%	96.4%
Dibromochloromethane	+/-16.1%	104%
Chloroform	+/-12.4%	97.9%
Cumene	+/-13.4%	91.2%
Cyclohexane	+/-17.8%	101%
1,4-Dioxane	+/-16.5%	100%
Ethyl Acetate	+/-19.6%	97.8%
Ethylbenzene	+/-15.2%	96.8%
Chloroethane	+/-21%	97.6%
Ethyl Bromide	+/-12.6%	97.6%
Freon-11	+/-12.8%	97.3%
Freon-113	+/-12.6%	100%
Freon-114	+/-14.4%	91.3%
Freon-12	+/-14%	97.3%
Heptane	+/-19.2%	97.2%
Hexachloro-1,3-butadiene	+/-18.8%	95%
Isopropyl Alcohol	+/-18.3%	90.1%
1,1,1-Trichloroethane	+/-12.8%	95.4%
Bromomethane	+/-15%	98.1%
Chloromethane	+/-21.6%	93.4%
Methylene Chloride	+/-14%	97.9%
Methyl Ethyl Ketone	+/-18.8%	97.2%
Methyl Methacrylate	+/-17.2%	98%
Methyl Isobutyl Ketone	+/-21.4%	97.1%
Methyl Butyl Ketone	+/-24.8%	96.1%
m & p-xylene	+/-15%	98.4%
Methyl tert-Butyl Ether	+/-16.3%	101%
Naphthalene	+/-25%	106%
Hexane	+/-18%	100%
Nonane	+/-17.8%	99.1%
n-Propylbenzene	+/-14.8%	98.6%
o-Xylene	+/-15%	97.8%
Propylene	+/-21.4%	93%
Pentane	+/-20.6%	96.7%
Styrene	+/-16.4%	101%
Trichloroethylene	+/-12.4%	97.8%
tert-Butyl Alcohol	+/-16.3%	98.9%
Tetrachloroethylene	+/-13.6%	97.4%
Tetrahydrofuran	+/-21.6%	106%
Toluene	+/-16.5%	99.2%



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Site :
Project No. : PROJ-040650

Date Sampled : 29-APR-24
Date Received: 30-APR-24
Date Analyzed: 02-MAY-24 - 06-MAY-24

Account No.: 13913
Login No. : L624707

trans-1,2-Dichloroethene	+/-14.4%	98.7%
trans-1,3-Dichloropropene	+/-17.1%	111%
Vinyl Acetate	+/-23.8%	85.4%
Vinyl Bromide	+/-15.7%	100%
Vinyl Chloride	+/-17.5%	96.7%

L624707 (Report ID: 1422264):

Note: Any detected siloxanes are always deleted from TIC results, as they may be artifacts contributed by the sampling/chromatographic system.
Non-target compounds detected in any samples are tentatively identified by using a search of the NIST/EPA Mass Spectral Library, which contains nearly two hundred thousand compounds. Compounds not detected will not be listed on the report. Compounds with very low quality matches will be reported as "unknown."
SOPs: in-vocs(44)
Tentatively Identified Compounds (TICS) are estimated values.
TICS are calculated using an average response factor of 1 for all compounds.



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-6

Spikelot: IH742592

QC Type: CCV

Raw File:

Analysis date: 05/06/24 14:44:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537472

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	7.279	10	72.8	70.0 to 130.				
Freon-12	9.34	10	93.4	70.0 to 130.				
Chloromethane	7.602	10	76	70.0 to 130.				
Freon-114	8.906	10	89.1	70.0 to 130.				
Vinyl Chloride	8.442	10	84.4	70.0 to 130.				
1,3-Butadiene	7.928	10	79.3	70.0 to 130.				
n-Butane	7.042	10	70.4	70.0 to 130.				
Bromomethane	8.95	10	89.5	70.0 to 130.				
Chloroethane	8.354	10	83.5	70.0 to 130.				
Acetonitrile	7.132	10	71.3	70.0 to 130.				
Vinyl Bromide	9.348	10	93.5	70.0 to 130.				
Acrolein	7.764	10	77.6	70.0 to 130.				
Acetone	7.711	10	77.1	70.0 to 130.				
Freon-11	9.603	10	96	70.0 to 130.				
Isopropyl Alcohol	7.676	10	76.8	70.0 to 130.				
Acrylonitrile	7.894	10	78.9	70.0 to 130.				
Pentane	7.489	10	74.9	70.0 to 130.				
Ethyl Bromide	9.065	10	90.7	70.0 to 130.				
1,1-Dichloroethene	8.607	10	86.1	70.0 to 130.				
tert-Butyl Alcohol	8.34	10	83.4	70.0 to 130.				
Methylene Chloride	8.714	10	87.1	70.0 to 130.				
Freon-113	9.197	10	92	70.0 to 130.				
Carbon Disulfide	8.78	10	87.8	70.0 to 130.				
Allyl Chloride	7.549	10	75.5	70.0 to 130.				
trans-1,2-Dichloroethene	8.889	10	88.9	70.0 to 130.				
1,1-Dichloroethane	8.925	10	89.3	70.0 to 130.				
Methyl tert-Butyl Ether	8.693	10	86.9	70.0 to 130.				
Vinyl Acetate	7.278	10	72.8	70.0 to 130.				
Methyl Ethyl Ketone	7.799	10	78	70.0 to 130.				
cis-1,2-Dichloroethylene	8.73	10	87.3	70.0 to 130.				
Hexane	8.26	10	82.6	70.0 to 130.				
Ethyl Acetate	7.74	10	77.4	70.0 to 130.				
Chloroform	8.993	10	89.9	70.0 to 130.				
Tetrahydrofuran	7.652	10	76.5	70.0 to 130.				
1,2-Dichloroethane	9.168	10	91.7	70.0 to 130.				
1,1,1-Trichloroethane	9.593	10	95.9	70.0 to 130.				
Benzene	9.146	10	91.5	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-6

Spikelot: IH742592

QC Type: CCV

Raw File:

Analysis date: 05/06/24 14:44:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537472

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Tetrachloride	9.69	10	96.9	70.0 to 130.				
Cyclohexane	8.938	10	89.4	70.0 to 130.				
1,2-Dichloropropane	9.097	10	91	70.0 to 130.				
Bromodichloromethane	9.896	10	99	70.0 to 130.				
1,4-Dioxane	9.528	10	95.3	70.0 to 130.				
Trichloroethylene	9.482	10	94.8	70.0 to 130.				
2,2,4-Trimethylpentane	8.769	10	87.7	70.0 to 130.				
Methyl Methacrylate	9.061	10	90.6	70.0 to 130.				
Heptane	8.121	10	81.2	70.0 to 130.				
cis-1,3-Dichloropropene	9.398	10	94	70.0 to 130.				
trans-1,3-Dichloropropene	9.449	10	94.5	70.0 to 130.				
1,1,2-Trichloroethane	9.638	10	96.4	70.0 to 130.				
Methyl Isobutyl Ketone	8.253	10	82.5	70.0 to 130.				
Toluene	9.292	10	92.9	70.0 to 130.				
Methyl Butyl Ketone	8.267	10	82.7	70.0 to 130.				
Dibromochloromethane	10.198	10	102	70.0 to 130.				
1,2-Dibromoethane	9.845	10	98.5	70.0 to 130.				
Tetrachloroethylene	9.805	10	98.1	70.0 to 130.				
Chlorobenzene	9.849	10	98.5	70.0 to 130.				
Ethylbenzene	9.586	10	95.9	70.0 to 130.				
m & p-xylene	19.318	20	96.6	70.0 to 130.				
Bromoform	10.139	10	101	70.0 to 130.				
Styrene	9.894	10	98.9	70.0 to 130.				
1,1,2,2-Tetrachloroethane	9.408	10	94.1	70.0 to 130.				
o-Xylene	9.594	10	95.9	70.0 to 130.				
Nonane	8.797	10	88	70.0 to 130.				
Cumene	9.916	10	99.2	70.0 to 130.				
2-Chlorotoluene	9.745	10	97.5	70.0 to 130.				
n-Propylbenzene	9.914	10	99.1	70.0 to 130.				
4-Ethyltoluene	10.086	10	101	70.0 to 130.				
1,3,5-Trimethylbenzene	10.015	10	100	70.0 to 130.				
1,2,4-Trimethylbenzene	10.144	10	101	70.0 to 130.				
Benzyl Chloride	9.728	10	97.3	70.0 to 130.				
1,3-Dichlorobenzene	10.329	10	103	70.0 to 130.				
1,4-Dichlorobenzene	10.319	10	103	70.0 to 130.				
1,2-Dichlorobenzene	10.308	10	103	70.0 to 130.				
1,2,4-Trichlorobenzene	10.85	10	109	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-6

Spike lot: IH742592

QC Type: CCV

Raw File:

Analysis date: 05/06/24 14:44:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537472

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Naphthalene	10.948	10	109	70.0 to 130.				
Hexachloro-1,3-butadiene	10.576	10	106	70.0 to 130.				

Sample: WG589996-2

Spike lot: IH742758

QC Type: LCS

Raw File:

Analysis date: 05/06/24 15:14:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537473

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	7.43	10	74.3	70.0 to 130.				
Freon-12	9.487	10	94.9	70.0 to 130.				
Chloromethane	7.688	10	76.9	70.0 to 130.				
Freon-114	8.774	10	87.7	70.0 to 130.				
Vinyl Chloride	8.755	10	87.6	70.0 to 130.				
1,3-Butadiene	8.504	10	85	70.0 to 130.				
n-Butane	7.442	10	74.4	70.0 to 130.				
Bromomethane	9.782	10	97.8	70.0 to 130.				
Chloroethane	9.033	10	90.3	70.0 to 130.				
Acetonitrile	7.583	10	75.8	70.0 to 130.				
Vinyl Bromide	9.975	10	99.8	70.0 to 130.				
Acrolein	6.917	10	69.2	70.0 to 130.				
Acetone	7.991	10	79.9	70.0 to 130.				
Freon-11	9.733	10	97.3	70.0 to 130.				
Isopropyl Alcohol	7.354	10	73.5	70.0 to 130.				
Acrylonitrile	8.289	10	82.9	70.0 to 130.				
Pentane	7.918	10	79.2	70.0 to 130.				
Ethyl Bromide	9.33	10	93.3	70.0 to 130.				
1,1-Dichloroethene	9.097	10	91	70.0 to 130.				
tert-Butyl Alcohol	8.413	10	84.1	70.0 to 130.				
Methylene Chloride	9.09	10	90.9	70.0 to 130.				
Freon-113	9.552	10	95.5	70.0 to 130.				
Carbon Disulfide	9.337	10	93.4	70.0 to 130.				
Allyl Chloride	8.098	10	81	70.0 to 130.				
trans-1,2-Dichloroethene	9.182	10	91.8	70.0 to 130.				
1,1-Dichloroethane	9.314	10	93.1	70.0 to 130.				
Methyl tert-Butyl Ether	9.077	10	90.8	70.0 to 130.				
Vinyl Acetate	6.567	10	65.7	70.0 to 130.				
Methyl Ethyl Ketone	8.052	10	80.5	70.0 to 130.				

Sample: WG589996-2

Spike lot: IH742758

QC Type: LCS

Raw File:

Analysis date: 05/06/24 15:14:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537473

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
cis-1,2-Dichloroethylene	8.841	10	88.4	70.0 to 130.				
Hexane	8.706	10	87.1	70.0 to 130.				
Ethyl Acetate	8.275	10	82.8	70.0 to 130.				
Chloroform	9.24	10	92.4	70.0 to 130.				
Tetrahydrofuran	8.765	10	87.7	70.0 to 130.				
1,2-Dichloroethane	9.229	10	92.3	70.0 to 130.				
1,1,1-Trichloroethane	9.293	10	92.9	70.0 to 130.				
Benzene	9.059	10	90.6	70.0 to 130.				
Carbon Tetrachloride	9.762	10	97.6	70.0 to 130.				
Cyclohexane	9.318	10	93.2	70.0 to 130.				
1,2-Dichloropropane	8.937	10	89.4	70.0 to 130.				
Bromodichloromethane	9.584	10	95.8	70.0 to 130.				
1,4-Dioxane	9.686	10	96.9	70.0 to 130.				
Trichloroethylene	9.52	10	95.2	70.0 to 130.				
2,2,4-Trimethylpentane	8.968	10	89.7	70.0 to 130.				
Methyl Methacrylate	8.982	10	89.8	70.0 to 130.				
Heptane	8.201	10	82	70.0 to 130.				
cis-1,3-Dichloropropene	8.591	10	85.9	70.0 to 130.				
trans-1,3-Dichloropropene	10.107	10	101	70.0 to 130.				
1,1,2-Trichloroethane	9.428	10	94.3	70.0 to 130.				
Methyl Isobutyl Ketone	8.282	10	82.8	70.0 to 130.				
Toluene	9.357	10	93.6	70.0 to 130.				
Methyl Butyl Ketone	8.246	10	82.5	70.0 to 130.				
Dibromochloromethane	10.049	10	100	70.0 to 130.				
1,2-Dibromoethane	9.523	10	95.2	70.0 to 130.				
Tetrachloroethylene	9.639	10	96.4	70.0 to 130.				
Chlorobenzene	9.504	10	95	70.0 to 130.				
Ethylbenzene	9.34	10	93.4	70.0 to 130.				
m & p-xylene	18.93	20	94.7	70.0 to 130.				
Bromoform	10.065	10	101	70.0 to 130.				
Styrene	9.52	10	95.2	70.0 to 130.				
1,1,2,2-Tetrachloroethane	8.952	10	89.5	70.0 to 130.				
o-Xylene	9.497	10	95	70.0 to 130.				
Nonane	8.707	10	87.1	70.0 to 130.				
Cumene	8.992	10	89.9	70.0 to 130.				
2-Chlorotoluene	9.492	10	94.9	70.0 to 130.				
n-Propylbenzene	9.503	10	95	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-2

Spikelot: IH742758

QC Type: LCS

Raw File:

Analysis date: 05/06/24 15:14:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537473

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
4-Ethyltoluene	9.921	10	99.2	70.0 to 130.				
1,3,5-Trimethylbenzene	9.647	10	96.5	70.0 to 130.				
1,2,4-Trimethylbenzene	9.575	10	95.8	70.0 to 130.				
Benzyl Chloride	9.256	10	92.6	70.0 to 130.				
1,3-Dichlorobenzene	9.689	10	96.9	70.0 to 130.				
1,4-Dichlorobenzene	9.768	10	97.7	70.0 to 130.				
1,2-Dichlorobenzene	9.753	10	97.5	70.0 to 130.				
1,2,4-Trichlorobenzene	9.514	10	95.1	70.0 to 130.				
Naphthalene	9.884	10	98.8	70.0 to 130.				
Hexachloro-1,3-butadiene	9.12	10	91.2	70.0 to 130.				

Sample: WG589996-3

Spikelot: IH742758

QC Type: LCSD

Raw File:

Analysis date: 05/06/24 15:44:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537475

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	7.573	10	75.7	70.0 to 130.			1.91	-25 to 25.0
Freon-12	9.623	10	96.2	70.0 to 130.			1.42	-25 to 25.0
Chloromethane	7.951	10	79.5	70.0 to 130.			3.36	-25 to 25.0
Freon-114	8.925	10	89.3	70.0 to 130.			1.71	-25 to 25.0
Vinyl Chloride	8.994	10	89.9	70.0 to 130.			2.69	-25 to 25.0
1,3-Butadiene	8.701	10	87	70.0 to 130.			2.29	-25 to 25.0
n-Butane	7.642	10	76.4	70.0 to 130.			2.65	-25 to 25.0
Bromomethane	9.696	10	97	70.0 to 130.			.883	-25 to 25.0
Chloroethane	9.259	10	92.6	70.0 to 130.			2.47	-25 to 25.0
Acetonitrile	7.599	10	76	70.0 to 130.			.211	-25 to 25.0
Vinyl Bromide	9.966	10	99.7	70.0 to 130.			.0903	-25 to 25.0
Acrolein	7.047	10	70.5	70.0 to 130.			1.86	-25 to 25.0
Acetone	8.033	10	80.3	70.0 to 130.			.524	-25 to 25.0
Freon-11	9.886	10	98.9	70.0 to 130.			1.56	-25 to 25.0
Isopropyl Alcohol	7.28	10	72.8	70.0 to 130.			1.01	-25 to 25.0
Acrylonitrile	8.454	10	84.5	70.0 to 130.			1.97	-25 to 25.0
Pentane	8.08	10	80.8	70.0 to 130.			2.03	-25 to 25.0
Ethyl Bromide	9.542	10	95.4	70.0 to 130.			2.25	-25 to 25.0
1,1-Dichloroethene	9.26	10	92.6	70.0 to 130.			1.78	-25 to 25.0
tert-Butyl Alcohol	8.552	10	85.5	70.0 to 130.			1.64	-25 to 25.0
Methylene Chloride	9.126	10	91.3	70.0 to 130.			.395	-25 to 25.0



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-3

Spikelet: IH742758

QC Type: LCSD

Raw File:

Analysis date: 05/06/24 15:44:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537475

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Freon-113	9.579	10	95.8	70.0 to 130.			.282	-25 to 25.0
Carbon Disulfide	9.36	10	93.6	70.0 to 130.			.246	-25 to 25.0
Allyl Chloride	8.023	10	80.2	70.0 to 130.			.93	-25 to 25.0
trans-1,2-Dichloroethene	9.292	10	92.9	70.0 to 130.			1.19	-25 to 25.0
1,1-Dichloroethane	9.245	10	92.5	70.0 to 130.			.744	-25 to 25.0
Methyl tert-Butyl Ether	9.789	10	97.9	70.0 to 130.			7.55	-25 to 25.0
Vinyl Acetate	6.712	10	67.1	70.0 to 130.			2.18	-25 to 25.0
Methyl Ethyl Ketone	8.241	10	82.4	70.0 to 130.			2.32	-25 to 25.0
cis-1,2-Dichloroethylene	8.926	10	89.3	70.0 to 130.			.957	-25 to 25.0
Hexane	8.972	10	89.7	70.0 to 130.			3.01	-25 to 25.0
Ethyl Acetate	8.28	10	82.8	70.0 to 130.			.0604	-25 to 25.0
Chloroform	9.332	10	93.3	70.0 to 130.			.991	-25 to 25.0
Tetrahydrofuran	8.895	10	89	70.0 to 130.			1.47	-25 to 25.0
1,2-Dichloroethane	9.436	10	94.4	70.0 to 130.			2.22	-25 to 25.0
1,1,1-Trichloroethane	9.226	10	92.3	70.0 to 130.			.724	-25 to 25.0
Benzene	8.988	10	89.9	70.0 to 130.			.787	-25 to 25.0
Carbon Tetrachloride	9.723	10	97.2	70.0 to 130.			.4	-25 to 25.0
Cyclohexane	9.189	10	91.9	70.0 to 130.			1.39	-25 to 25.0
1,2-Dichloropropane	8.875	10	88.8	70.0 to 130.			.696	-25 to 25.0
Bromodichloromethane	9.499	10	95	70.0 to 130.			.891	-25 to 25.0
1,4-Dioxane	9.55	10	95.5	70.0 to 130.			1.41	-25 to 25.0
Trichloroethylene	9.28	10	92.8	70.0 to 130.			2.55	-25 to 25.0
2,2,4-Trimethylpentane	8.897	10	89	70.0 to 130.			.795	-25 to 25.0
Methyl Methacrylate	8.751	10	87.5	70.0 to 130.			2.61	-25 to 25.0
Heptane	7.991	10	79.9	70.0 to 130.			2.59	-25 to 25.0
cis-1,3-Dichloropropene	8.519	10	85.2	70.0 to 130.			.842	-25 to 25.0
trans-1,3-Dichloropropene	10.101	10	101	70.0 to 130.			.0594	-25 to 25.0
1,1,2-Trichloroethane	9.267	10	92.7	70.0 to 130.			1.72	-25 to 25.0
Methyl Isobutyl Ketone	8.276	10	82.8	70.0 to 130.			.0725	-25 to 25.0
Toluene	9.482	10	94.8	70.0 to 130.			1.33	-25 to 25.0
Methyl Butyl Ketone	8.248	10	82.5	70.0 to 130.			.0243	-25 to 25.0
Dibromochloromethane	10.071	10	101	70.0 to 130.			.219	-25 to 25.0
1,2-Dibromoethane	9.593	10	95.9	70.0 to 130.			.732	-25 to 25.0
Tetrachloroethylene	9.506	10	95.1	70.0 to 130.			1.39	-25 to 25.0
Chlorobenzene	9.562	10	95.6	70.0 to 130.			.608	-25 to 25.0
Ethylbenzene	9.335	10	93.4	70.0 to 130.			.0535	-25 to 25.0
m & p-xylene	18.937	20	94.7	70.0 to 130.			.037	-25 to 25.0



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-3

Spikelot: IH742758

QC Type: LCSD

Raw File:

Analysis date: 05/06/24 15:44:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537475

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Bromoform	9.953	10	99.5	70.0 to 130.			1.12	-25 to 25.0
Styrene	9.612	10	96.1	70.0 to 130.			.962	-25 to 25.0
1,1,2,2-Tetrachloroethane	8.989	10	89.9	70.0 to 130.			.412	-25 to 25.0
o-Xylene	9.405	10	94.1	70.0 to 130.			.973	-25 to 25.0
Nonane	8.718	10	87.2	70.0 to 130.			.126	-25 to 25.0
Cumene	8.994	10	89.9	70.0 to 130.			.0222	-25 to 25.0
2-Chlorotoluene	9.503	10	95	70.0 to 130.			.116	-25 to 25.0
n-Propylbenzene	9.641	10	96.4	70.0 to 130.			1.44	-25 to 25.0
4-Ethyltoluene	10.024	10	100	70.0 to 130.			1.03	-25 to 25.0
1,3,5-Trimethylbenzene	9.751	10	97.5	70.0 to 130.			1.07	-25 to 25.0
1,2,4-Trimethylbenzene	9.553	10	95.5	70.0 to 130.			.23	-25 to 25.0
Benzyl Chloride	9.321	10	93.2	70.0 to 130.			.7	-25 to 25.0
1,3-Dichlorobenzene	9.886	10	98.9	70.0 to 130.			2.01	-25 to 25.0
1,4-Dichlorobenzene	9.815	10	98.2	70.0 to 130.			.48	-25 to 25.0
1,2-Dichlorobenzene	9.782	10	97.8	70.0 to 130.			.297	-25 to 25.0
1,2,4-Trichlorobenzene	9.829	10	98.3	70.0 to 130.			3.26	-25 to 25.0
Naphthalene	10.046	10	100	70.0 to 130.			1.63	-25 to 25.0
Hexachloro-1,3-butadiene	9.321	10	93.2	70.0 to 130.			2.18	-25 to 25.0

Sample: WG589996-4

Spikelot: IH742755

QC Type: DLS

Raw File:

Analysis date: 05/06/24 16:43:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537474

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Freon-12	.151	.16	94.4	60.0 to 140.				
Chloromethane	.123	.16	76.9	60.0 to 140.				
Freon-114	.154	.16	96.3	60.0 to 140.				
Vinyl Chloride	.146	.16	91.3	60.0 to 140.				
1,3-Butadiene	.126	.16	78.8	60.0 to 140.				
n-Butane	.129	.16	80.6	60.0 to 140.				
Bromomethane	.178	.16	111	60.0 to 140.				
Chloroethane	.132	.16	82.5	60.0 to 140.				
Vinyl Bromide	.149	.16	93.1	60.0 to 140.				
Acrolein	.138	.16	86.3	60.0 to 140.				
Freon-11	.159	.16	99.4	60.0 to 140.				
Acrylonitrile	.134	.16	83.8	60.0 to 140.				
Pentane	.137	.16	85.6	60.0 to 140.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-4

Spikelot: IH742755

QC Type: DLS

Raw File:

Analysis date: 05/06/24 16:43:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537474

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Ethyl Bromide	.133	.16	83.1	60.0 to 140.				
1,1-Dichloroethene	.151	.16	94.4	60.0 to 140.				
Methylene Chloride	.137	.16	85.6	60.0 to 140.				
Freon-113	.156	.16	97.5	60.0 to 140.				
Allyl Chloride	.15	.16	93.8	60.0 to 140.				
trans-1,2-Dichloroethene	.141	.16	88.1	60.0 to 140.				
1,1-Dichloroethane	.145	.16	90.6	60.0 to 140.				
Methyl tert-Butyl Ether	.156	.16	97.5	60.0 to 140.				
Vinyl Acetate	.121	.16	75.6	60.0 to 140.				
Methyl Ethyl Ketone	.129	.16	80.6	60.0 to 140.				
cis-1,2-Dichloroethylene	.147	.16	91.9	60.0 to 140.				
Hexane	.15	.16	93.8	60.0 to 140.				
Ethyl Acetate	.134	.16	83.8	60.0 to 140.				
Chloroform	.164	.16	103	60.0 to 140.				
Tetrahydrofuran	.113	.16	70.6	60.0 to 140.				
1,2-Dichloroethane	.152	.16	95	60.0 to 140.				
1,1,1-Trichloroethane	.149	.16	93.1	60.0 to 140.				
Benzene	.163	.16	102	60.0 to 140.				
Carbon Tetrachloride	.153	.16	95.6	60.0 to 140.				
Cyclohexane	.128	.16	80	60.0 to 140.				
1,2-Dichloropropane	.122	.16	76.3	60.0 to 140.				
Bromodichloromethane	.149	.16	93.1	60.0 to 140.				
1,4-Dioxane	.121	.16	75.6	60.0 to 140.				
Trichloroethylene	.132	.16	82.5	60.0 to 140.				
2,2,4-Trimethylpentane	.143	.16	89.4	60.0 to 140.				
Methyl Methacrylate	.114	.16	71.3	60.0 to 140.				
Heptane	.142	.16	88.8	60.0 to 140.				
cis-1,3-Dichloropropene	.139	.16	86.9	60.0 to 140.				
trans-1,3-Dichloropropene	.131	.16	81.9	60.0 to 140.				
1,1,2-Trichloroethane	.166	.16	104	60.0 to 140.				
Methyl Isobutyl Ketone	.121	.16	75.6	60.0 to 140.				
Toluene	.152	.16	95	60.0 to 140.				
Methyl Butyl Ketone	.114	.16	71.3	60.0 to 140.				
Dibromochloromethane	.147	.16	91.9	60.0 to 140.				
1,2-Dibromoethane	.137	.16	85.6	60.0 to 140.				
Tetrachloroethylene	.14	.16	87.5	60.0 to 140.				
Chlorobenzene	.168	.16	105	60.0 to 140.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-4

Spikelot: IH742755

QC Type: DLS

Raw File:

Analysis date: 05/06/24 16:43:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537474

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Ethylbenzene	.16	.16	100	60.0 to 140.				
m & p-xylene	.304	.32	95	60.0 to 140.				
Bromoform	.144	.16	90	60.0 to 140.				
Styrene	.158	.16	98.8	60.0 to 140.				
1,1,2,2-Tetrachloroethane	.15	.16	93.8	60.0 to 140.				
o-Xylene	.165	.16	103	60.0 to 140.				
Nonane	.142	.16	88.8	60.0 to 140.				
Cumene	.153	.16	95.6	60.0 to 140.				
2-Chlorotoluene	.15	.16	93.8	60.0 to 140.				
n-Propylbenzene	.156	.16	97.5	60.0 to 140.				
4-Ethyltoluene	.163	.16	102	60.0 to 140.				
1,3,5-Trimethylbenzene	.149	.16	93.1	60.0 to 140.				
1,2,4-Trimethylbenzene	.154	.16	96.3	60.0 to 140.				
Benzyl Chloride	.11	.16	68.8	60.0 to 140.				
1,3-Dichlorobenzene	.169	.16	106	60.0 to 140.				
1,4-Dichlorobenzene	.147	.16	91.9	60.0 to 140.				
1,2-Dichlorobenzene	.155	.16	96.9	60.0 to 140.				
1,2,4-Trichlorobenzene	.148	.16	92.5	60.0 to 140.				
Naphthalene	.172	.16	108	60.0 to 140.				
Hexachloro-1,3-butadiene	.152	.16	95	60.0 to 140.				

Sample: WG589996-5

Spikelot: IH742755

QC Type: DLS

Raw File:

Analysis date: 05/06/24 17:12:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537476

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	.436	.5	87.2	60.0 to 140.				
Acetonitrile	.412	.5	82.4	60.0 to 140.				
Acetone	.467	.5	93.4	60.0 to 140.				
Isopropyl Alcohol	.412	.5	82.4	60.0 to 140.				
tert-Butyl Alcohol	.458	.5	91.6	60.0 to 140.				
Carbon Disulfide	.472	.5	94.4	60.0 to 140.				

Sample: WG589996-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/06/24 17:42:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537523



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/06/24 17:42:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537523

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	0	<0.5						
Freon-12	0	<0.16						
Chloromethane	0	<0.16						
Freon-114	0	<0.16						
Vinyl Chloride	0	<0.16						
1,3-Butadiene	0	<0.16						
n-Butane	0	<0.16						
Bromomethane	0	<0.16						
Chloroethane	0	<0.16						
Acetonitrile	0	<0.5						
Vinyl Bromide	0	<0.16						
Acrolein	0	<0.16						
Acetone	0	<0.5						
Freon-11	0	<0.16						
Isopropyl Alcohol	0	<0.50						
Acrylonitrile	0	<0.16						
Pentane	0	<0.16						
Ethyl Bromide	0	<0.16						
1,1-Dichloroethene	0	<0.16						
tert-Butyl Alcohol	0	<0.5						
Methylene Chloride	0	<0.16						
Freon-113	0	<0.16						
Carbon Disulfide	0	<0.5						
Allyl Chloride	0	<0.16						
trans-1,2-Dichloroethene	0	<0.16						
1,1-Dichloroethane	0	<0.16						
Methyl tert-Butyl Ether	0	<0.16						
Vinyl Acetate	0	<0.16						
Methyl Ethyl Ketone	0	<0.16						
cis-1,2-Dichloroethylene	0	<0.16						
Hexane	0	<0.16						
Ethyl Acetate	0	<0.16						
Chloroform	0	<0.16						
Tetrahydrofuran	0	<0.16						
1,2-Dichloroethane	0	<0.16						
1,1,1-Trichloroethane	0	<0.16						
Benzene	0	<0.16						



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/06/24 17:42:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537523

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Tetrachloride	0	<0.16						
Cyclohexane	0	<0.16						
1,2-Dichloropropane	0	<0.16						
Bromodichloromethane	0	<0.16						
1,4-Dioxane	0	<0.16						
Trichloroethylene	0	<0.16						
2,2,4-Trimethylpentane	0	<0.16						
Methyl Methacrylate	0	<0.16						
Heptane	0	<0.16						
cis-1,3-Dichloropropene	0	<0.16						
trans-1,3-Dichloropropene	0	<0.16						
1,1,2-Trichloroethane	0	<0.16						
Methyl Isobutyl Ketone	0	<0.16						
Toluene	0	<0.16						
Methyl Butyl Ketone	0	<0.16						
Dibromochloromethane	0	<0.16						
1,2-Dibromoethane	0	<0.16						
Tetrachloroethylene	0	<0.16						
Chlorobenzene	0	<0.16						
Ethylbenzene	0	<0.16						
m & p-xylene	0	<0.32						
Bromoform	0	<0.16						
Styrene	0	<0.16						
1,1,2,2-Tetrachloroethane	0	<0.16						
o-Xylene	0	<0.16						
Nonane	0	<0.16						
Cumene	0	<0.16						
2-Chlorotoluene	0	<0.16						
n-Propylbenzene	0	<0.16						
4-Ethyltoluene	0	<0.16						
1,3,5-Trimethylbenzene	0	<0.16						
1,2,4-Trimethylbenzene	0	<0.16						
Benzyl Chloride	0	<0.16						
1,3-Dichlorobenzene	0	<0.16						
1,4-Dichlorobenzene	0	<0.16						
1,2-Dichlorobenzene	0	<0.16						
1,2,4-Trichlorobenzene	0	<0.16						

Sample: WG589996-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/06/24 17:42:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537523

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Naphthalene	0	<0.16						
Hexachloro-1,3-butadiene	0	<0.16						

Sample: WG589996-7

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/06/24 19:48:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15539029

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	7.595	10	76	70.0 to 130.				
Freon-12	9.706	10	97.1	70.0 to 130.				
Chloromethane	8.212	10	82.1	70.0 to 130.				
Freon-114	9.233	10	92.3	70.0 to 130.				
Vinyl Chloride	8.79	10	87.9	70.0 to 130.				
1,3-Butadiene	8.443	10	84.4	70.0 to 130.				
n-Butane	7.252	10	72.5	70.0 to 130.				
Bromomethane	9.751	10	97.5	70.0 to 130.				
Chloroethane	8.686	10	86.9	70.0 to 130.				
Acetonitrile	7.41	10	74.1	70.0 to 130.				
Vinyl Bromide	9.805	10	98.1	70.0 to 130.				
Acrolein	8.212	10	82.1	70.0 to 130.				
Acetone	7.896	10	79	70.0 to 130.				
Freon-11	10.19	10	102	70.0 to 130.				
Isopropyl Alcohol	8.09	10	80.9	70.0 to 130.				
Acrylonitrile	8.202	10	82	70.0 to 130.				
Pentane	7.861	10	78.6	70.0 to 130.				
Ethyl Bromide	9.34	10	93.4	70.0 to 130.				
1,1-Dichloroethene	9.141	10	91.4	70.0 to 130.				
tert-Butyl Alcohol	8.644	10	86.4	70.0 to 130.				
Methylene Chloride	9.221	10	92.2	70.0 to 130.				
Freon-113	9.755	10	97.6	70.0 to 130.				
Carbon Disulfide	9.251	10	92.5	70.0 to 130.				
Allyl Chloride	7.803	10	78	70.0 to 130.				
trans-1,2-Dichloroethene	9.26	10	92.6	70.0 to 130.				
1,1-Dichloroethane	9.201	10	92	70.0 to 130.				
Methyl tert-Butyl Ether	9.087	10	90.9	70.0 to 130.				
Vinyl Acetate	7.428	10	74.3	70.0 to 130.				
Methyl Ethyl Ketone	8.032	10	80.3	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-7

Spike lot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/06/24 19:48:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15539029

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
cis-1,2-Dichloroethylene	9.008	10	90.1	70.0 to 130.				
Hexane	8.794	10	87.9	70.0 to 130.				
Ethyl Acetate	8.272	10	82.7	70.0 to 130.				
Chloroform	9.402	10	94	70.0 to 130.				
Tetrahydrofuran	8.043	10	80.4	70.0 to 130.				
1,2-Dichloroethane	9.515	10	95.2	70.0 to 130.				
1,1,1-Trichloroethane	9.997	10	100	70.0 to 130.				
Benzene	9.323	10	93.2	70.0 to 130.				
Carbon Tetrachloride	10.253	10	103	70.0 to 130.				
Cyclohexane	9.479	10	94.8	70.0 to 130.				
1,2-Dichloropropane	9.249	10	92.5	70.0 to 130.				
Bromodichloromethane	10.072	10	101	70.0 to 130.				
1,4-Dioxane	9.8	10	98	70.0 to 130.				
Trichloroethylene	9.808	10	98.1	70.0 to 130.				
2,2,4-Trimethylpentane	8.93	10	89.3	70.0 to 130.				
Methyl Methacrylate	9.158	10	91.6	70.0 to 130.				
Heptane	8.436	10	84.4	70.0 to 130.				
cis-1,3-Dichloropropene	9.443	10	94.4	70.0 to 130.				
trans-1,3-Dichloropropene	9.714	10	97.1	70.0 to 130.				
1,1,2-Trichloroethane	10.009	10	100	70.0 to 130.				
Methyl Isobutyl Ketone	8.356	10	83.6	70.0 to 130.				
Toluene	9.551	10	95.5	70.0 to 130.				
Methyl Butyl Ketone	8.484	10	84.8	70.0 to 130.				
Dibromochloromethane	10.377	10	104	70.0 to 130.				
1,2-Dibromoethane	10.015	10	100	70.0 to 130.				
Tetrachloroethylene	9.987	10	99.9	70.0 to 130.				
Chlorobenzene	10.033	10	100	70.0 to 130.				
Ethylbenzene	9.836	10	98.4	70.0 to 130.				
m & p-xylene	19.928	20	99.6	70.0 to 130.				
Bromoform	10.41	10	104	70.0 to 130.				
Styrene	10.097	10	101	70.0 to 130.				
1,1,2,2-Tetrachloroethane	9.471	10	94.7	70.0 to 130.				
o-Xylene	9.869	10	98.7	70.0 to 130.				
Nonane	9.009	10	90.1	70.0 to 130.				
Cumene	10.244	10	102	70.0 to 130.				
2-Chlorotoluene	10.084	10	101	70.0 to 130.				
n-Propylbenzene	10.386	10	104	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-7

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/06/24 19:48:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15539029

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
4-Ethyltoluene	10.385	10	104	70.0 to 130.				
1,3,5-Trimethylbenzene	10.346	10	103	70.0 to 130.				
1,2,4-Trimethylbenzene	10.462	10	105	70.0 to 130.				
Benzyl Chloride	9.767	10	97.7	70.0 to 130.				
1,3-Dichlorobenzene	10.526	10	105	70.0 to 130.				
1,4-Dichlorobenzene	10.59	10	106	70.0 to 130.				
1,2-Dichlorobenzene	10.578	10	106	70.0 to 130.				
1,2,4-Trichlorobenzene	11.092	10	111	70.0 to 130.				
Naphthalene	11.496	10	115	70.0 to 130.				
Hexachloro-1,3-butadiene	10.833	10	108	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589982

Sample: WG589982-6

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/05/24 14:59:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536010

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	10.045	10	100	70.0 to 130.				
Freon-12	10.744	10	107	70.0 to 130.				
Chloromethane	9.725	10	97.3	70.0 to 130.				
Freon-114	10.28	10	103	70.0 to 130.				
Vinyl Chloride	10.081	10	101	70.0 to 130.				
1,3-Butadiene	9.72	10	97.2	70.0 to 130.				
n-Butane	9.297	10	93	70.0 to 130.				
Bromomethane	10.274	10	103	70.0 to 130.				
Chloroethane	9.946	10	99.5	70.0 to 130.				
Acetonitrile	10.156	10	102	70.0 to 130.				
Vinyl Bromide	10.697	10	107	70.0 to 130.				
Acrolein	10.008	10	100	70.0 to 130.				
Acetone	9.873	10	98.7	70.0 to 130.				
Freon-11	10.394	10	104	70.0 to 130.				
Isopropyl Alcohol	9.764	10	97.6	70.0 to 130.				
Acrylonitrile	10.719	10	107	70.0 to 130.				
Pentane	10.132	10	101	70.0 to 130.				
Ethyl Bromide	10.569	10	106	70.0 to 130.				
1,1-Dichloroethene	10.367	10	104	70.0 to 130.				
tert-Butyl Alcohol	9.899	10	99	70.0 to 130.				
Methylene Chloride	10.359	10	104	70.0 to 130.				
Freon-113	10.415	10	104	70.0 to 130.				
Carbon Disulfide	10.262	10	103	70.0 to 130.				
Allyl Chloride	10.123	10	101	70.0 to 130.				
trans-1,2-Dichloroethene	10.333	10	103	70.0 to 130.				
1,1-Dichloroethane	10.325	10	103	70.0 to 130.				
Methyl tert-Butyl Ether	10.286	10	103	70.0 to 130.				
Vinyl Acetate	9.228	10	92.3	70.0 to 130.				
Methyl Ethyl Ketone	9.653	10	96.5	70.0 to 130.				
cis-1,2-Dichloroethylene	10.275	10	103	70.0 to 130.				
Hexane	10.256	10	103	70.0 to 130.				
Ethyl Acetate	9.602	10	96	70.0 to 130.				
Chloroform	10.243	10	102	70.0 to 130.				
Tetrahydrofuran	9.5	10	95	70.0 to 130.				
1,2-Dichloroethane	10.179	10	102	70.0 to 130.				
1,1,1-Trichloroethane	10.412	10	104	70.0 to 130.				
Benzene	10.379	10	104	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589982

Sample: WG589982-6

Spike lot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/05/24 14:59:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536010

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Tetrachloride	10.582	10	106	70.0 to 130.				
Cyclohexane	10.336	10	103	70.0 to 130.				
1,2-Dichloropropane	10.635	10	106	70.0 to 130.				
Bromodichloromethane	10.615	10	106	70.0 to 130.				
1,4-Dioxane	8.393	10	83.9	70.0 to 130.				
Trichloroethylene	10.383	10	104	70.0 to 130.				
2,2,4-Trimethylpentane	10.135	10	101	70.0 to 130.				
Methyl Methacrylate	9.761	10	97.6	70.0 to 130.				
Heptane	10.184	10	102	70.0 to 130.				
cis-1,3-Dichloropropene	10.551	10	106	70.0 to 130.				
trans-1,3-Dichloropropene	10.306	10	103	70.0 to 130.				
1,1,2-Trichloroethane	10.513	10	105	70.0 to 130.				
Methyl Isobutyl Ketone	9.457	10	94.6	70.0 to 130.				
Toluene	10.014	10	100	70.0 to 130.				
Methyl Butyl Ketone	8.428	10	84.3	70.0 to 130.				
Dibromochloromethane	10.222	10	102	70.0 to 130.				
1,2-Dibromoethane	9.985	10	99.9	70.0 to 130.				
Tetrachloroethylene	10.179	10	102	70.0 to 130.				
Chlorobenzene	9.953	10	99.5	70.0 to 130.				
Ethylbenzene	10.125	10	101	70.0 to 130.				
m & p-xylene	19.858	20	99.3	70.0 to 130.				
Bromoform	10.247	10	102	70.0 to 130.				
Styrene	10.126	10	101	70.0 to 130.				
1,1,2,2-Tetrachloroethane	9.917	10	99.2	70.0 to 130.				
o-Xylene	9.92	10	99.2	70.0 to 130.				
Nonane	9.99	10	99.9	70.0 to 130.				
Cumene	10.088	10	101	70.0 to 130.				
2-Chlorotoluene	10.345	10	103	70.0 to 130.				
n-Propylbenzene	10.284	10	103	70.0 to 130.				
4-Ethyltoluene	10.223	10	102	70.0 to 130.				
1,3,5-Trimethylbenzene	10.042	10	100	70.0 to 130.				
1,2,4-Trimethylbenzene	10.238	10	102	70.0 to 130.				
Benzyl Chloride	10.275	10	103	70.0 to 130.				
1,3-Dichlorobenzene	10.338	10	103	70.0 to 130.				
1,4-Dichlorobenzene	10.449	10	104	70.0 to 130.				
1,2-Dichlorobenzene	10.214	10	102	70.0 to 130.				
1,2,4-Trichlorobenzene	11.8	10	118	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589982

Sample: WG589982-6

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/05/24 14:59:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536010

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Naphthalene	11.267	10	113	70.0 to 130.				
Hexachloro-1,3-butadiene	11.37	10	114	70.0 to 130.				

Sample: WG589982-2

Spikelot: IH742566

QC Type: LCS

Raw File:

Analysis date: 05/05/24 15:45:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536011

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	9.953	10	99.5	70.0 to 130.				
Freon-12	10.928	10	109	70.0 to 130.				
Chloromethane	9.873	10	98.7	70.0 to 130.				
Freon-114	9.753	10	97.5	70.0 to 130.				
Vinyl Chloride	10.282	10	103	70.0 to 130.				
1,3-Butadiene	10.1	10	101	70.0 to 130.				
n-Butane	9.436	10	94.4	70.0 to 130.				
Bromomethane	10.425	10	104	70.0 to 130.				
Chloroethane	10.355	10	104	70.0 to 130.				
Acetonitrile	10.186	10	102	70.0 to 130.				
Vinyl Bromide	11.03	10	110	70.0 to 130.				
Acrolein	8.58	10	85.8	70.0 to 130.				
Acetone	9.822	10	98.2	70.0 to 130.				
Freon-11	10.355	10	104	70.0 to 130.				
Isopropyl Alcohol	8.825	10	88.3	70.0 to 130.				
Acrylonitrile	10.351	10	104	70.0 to 130.				
Pentane	10.262	10	103	70.0 to 130.				
Ethyl Bromide	10.633	10	106	70.0 to 130.				
1,1-Dichloroethene	10.541	10	105	70.0 to 130.				
tert-Butyl Alcohol	9.843	10	98.4	70.0 to 130.				
Methylene Chloride	10.442	10	104	70.0 to 130.				
Freon-113	10.457	10	105	70.0 to 130.				
Carbon Disulfide	10.69	10	107	70.0 to 130.				
Allyl Chloride	10.552	10	106	70.0 to 130.				
trans-1,2-Dichloroethene	10.525	10	105	70.0 to 130.				
1,1-Dichloroethane	10.476	10	105	70.0 to 130.				
Methyl tert-Butyl Ether	10.621	10	106	70.0 to 130.				
Vinyl Acetate	8.181	10	81.8	70.0 to 130.				
Methyl Ethyl Ketone	9.872	10	98.7	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589982

Sample: WG589982-2

Spike lot: IH742566

QC Type: LCS

Raw File:

Analysis date: 05/05/24 15:45:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536011

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
cis-1,2-Dichloroethylene	10.329	10	103	70.0 to 130.				
Hexane	10.545	10	105	70.0 to 130.				
Ethyl Acetate	9.596	10	96	70.0 to 130.				
Chloroform	10.359	10	104	70.0 to 130.				
Tetrahydrofuran	10.494	10	105	70.0 to 130.				
1,2-Dichloroethane	10.279	10	103	70.0 to 130.				
1,1,1-Trichloroethane	10.161	10	102	70.0 to 130.				
Benzene	10.454	10	105	70.0 to 130.				
Carbon Tetrachloride	10.613	10	106	70.0 to 130.				
Cyclohexane	10.619	10	106	70.0 to 130.				
1,2-Dichloropropane	10.741	10	107	70.0 to 130.				
Bromodichloromethane	10.48	10	105	70.0 to 130.				
1,4-Dioxane	8.502	10	85	70.0 to 130.				
Trichloroethylene	10.557	10	106	70.0 to 130.				
2,2,4-Trimethylpentane	10.432	10	104	70.0 to 130.				
Methyl Methacrylate	9.74	10	97.4	70.0 to 130.				
Heptane	10.318	10	103	70.0 to 130.				
cis-1,3-Dichloropropene	9.893	10	98.9	70.0 to 130.				
trans-1,3-Dichloropropene	11.232	10	112	70.0 to 130.				
1,1,2-Trichloroethane	10.324	10	103	70.0 to 130.				
Methyl Isobutyl Ketone	9.711	10	97.1	70.0 to 130.				
Toluene	10.257	10	103	70.0 to 130.				
Methyl Butyl Ketone	8.494	10	84.9	70.0 to 130.				
Dibromochloromethane	10.514	10	105	70.0 to 130.				
1,2-Dibromoethane	9.897	10	99	70.0 to 130.				
Tetrachloroethylene	10.23	10	102	70.0 to 130.				
Chlorobenzene	10.067	10	101	70.0 to 130.				
Ethylbenzene	10.162	10	102	70.0 to 130.				
m & p-xylene	20.019	20	100	70.0 to 130.				
Bromoform	10.564	10	106	70.0 to 130.				
Styrene	10.128	10	101	70.0 to 130.				
1,1,2,2-Tetrachloroethane	9.865	10	98.7	70.0 to 130.				
o-Xylene	10.06	10	101	70.0 to 130.				
Nonane	10.059	10	101	70.0 to 130.				
Cumene	9.442	10	94.4	70.0 to 130.				
2-Chlorotoluene	10.403	10	104	70.0 to 130.				
n-Propylbenzene	10.121	10	101	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589982

Sample: WG589982-2

Spikelot: IH742566

QC Type: LCS

Raw File:

Analysis date: 05/05/24 15:45:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536011

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
4-Ethyltoluene	10.361	10	104	70.0 to 130.				
1,3,5-Trimethylbenzene	9.923	10	99.2	70.0 to 130.				
1,2,4-Trimethylbenzene	9.989	10	99.9	70.0 to 130.				
Benzyl Chloride	10.265	10	103	70.0 to 130.				
1,3-Dichlorobenzene	10.048	10	100	70.0 to 130.				
1,4-Dichlorobenzene	10.07	10	101	70.0 to 130.				
1,2-Dichlorobenzene	10.103	10	101	70.0 to 130.				
1,2,4-Trichlorobenzene	10.611	10	106	70.0 to 130.				
Naphthalene	10.004	10	100	70.0 to 130.				
Hexachloro-1,3-butadiene	10.323	10	103	70.0 to 130.				

Sample: WG589982-3

Spikelot: IH742566

QC Type: LCSD

Raw File:

Analysis date: 05/05/24 16:32:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536012

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	9.665	10	96.7	70.0 to 130.			2.94	-25 to 25.0
Freon-12	10.764	10	108	70.0 to 130.			1.51	-25 to 25.0
Chloromethane	9.611	10	96.1	70.0 to 130.			2.69	-25 to 25.0
Freon-114	9.692	10	96.9	70.0 to 130.			.627	-25 to 25.0
Vinyl Chloride	10.191	10	102	70.0 to 130.			.889	-25 to 25.0
1,3-Butadiene	9.964	10	99.6	70.0 to 130.			1.36	-25 to 25.0
n-Butane	9.265	10	92.7	70.0 to 130.			1.83	-25 to 25.0
Bromomethane	10.368	10	104	70.0 to 130.			.548	-25 to 25.0
Chloroethane	10.093	10	101	70.0 to 130.			2.56	-25 to 25.0
Acetonitrile	9.865	10	98.7	70.0 to 130.			3.2	-25 to 25.0
Vinyl Bromide	10.793	10	108	70.0 to 130.			2.17	-25 to 25.0
Acrolein	8.478	10	84.8	70.0 to 130.			1.2	-25 to 25.0
Acetone	9.633	10	96.3	70.0 to 130.			1.94	-25 to 25.0
Freon-11	10.263	10	103	70.0 to 130.			.892	-25 to 25.0
Isopropyl Alcohol	8.631	10	86.3	70.0 to 130.			2.22	-25 to 25.0
Acrylonitrile	10.134	10	101	70.0 to 130.			2.12	-25 to 25.0
Pentane	10.069	10	101	70.0 to 130.			1.9	-25 to 25.0
Ethyl Bromide	10.544	10	105	70.0 to 130.			.841	-25 to 25.0
1,1-Dichloroethene	10.411	10	104	70.0 to 130.			1.24	-25 to 25.0
tert-Butyl Alcohol	9.716	10	97.2	70.0 to 130.			1.3	-25 to 25.0
Methylene Chloride	10.282	10	103	70.0 to 130.			1.54	-25 to 25.0



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589982

Sample: WG589982-3

Spikelet: IH742566

QC Type: LCSD

Raw File:

Analysis date: 05/05/24 16:32:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536012

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Freon-113	10.401	10	104	70.0 to 130.			.537	-25 to 25.0
Carbon Disulfide	10.555	10	106	70.0 to 130.			1.27	-25 to 25.0
Allyl Chloride	10.267	10	103	70.0 to 130.			2.74	-25 to 25.0
trans-1,2-Dichloroethene	10.338	10	103	70.0 to 130.			1.79	-25 to 25.0
1,1-Dichloroethane	10.387	10	104	70.0 to 130.			.853	-25 to 25.0
Methyl tert-Butyl Ether	10.465	10	105	70.0 to 130.			1.48	-25 to 25.0
Vinyl Acetate	8.09	10	80.9	70.0 to 130.			1.12	-25 to 25.0
Methyl Ethyl Ketone	9.634	10	96.3	70.0 to 130.			2.44	-25 to 25.0
cis-1,2-Dichloroethylene	10.148	10	101	70.0 to 130.			1.77	-25 to 25.0
Hexane	10.317	10	103	70.0 to 130.			2.19	-25 to 25.0
Ethyl Acetate	9.575	10	95.8	70.0 to 130.			.219	-25 to 25.0
Chloroform	10.229	10	102	70.0 to 130.			1.26	-25 to 25.0
Tetrahydrofuran	10.166	10	102	70.0 to 130.			3.18	-25 to 25.0
1,2-Dichloroethane	10.116	10	101	70.0 to 130.			1.6	-25 to 25.0
1,1,1-Trichloroethane	10.036	10	100	70.0 to 130.			1.24	-25 to 25.0
Benzene	10.238	10	102	70.0 to 130.			2.09	-25 to 25.0
Carbon Tetrachloride	10.486	10	105	70.0 to 130.			1.2	-25 to 25.0
Cyclohexane	10.384	10	104	70.0 to 130.			2.24	-25 to 25.0
1,2-Dichloropropane	10.573	10	106	70.0 to 130.			1.58	-25 to 25.0
Bromodichloromethane	10.272	10	103	70.0 to 130.			2	-25 to 25.0
1,4-Dioxane	8.41	10	84.1	70.0 to 130.			1.09	-25 to 25.0
Trichloroethylene	10.405	10	104	70.0 to 130.			1.45	-25 to 25.0
2,2,4-Trimethylpentane	10.191	10	102	70.0 to 130.			2.34	-25 to 25.0
Methyl Methacrylate	9.477	10	94.8	70.0 to 130.			2.74	-25 to 25.0
Heptane	10.038	10	100	70.0 to 130.			2.75	-25 to 25.0
cis-1,3-Dichloropropene	9.744	10	97.4	70.0 to 130.			1.52	-25 to 25.0
trans-1,3-Dichloropropene	11.001	10	110	70.0 to 130.			2.08	-25 to 25.0
1,1,2-Trichloroethane	10.277	10	103	70.0 to 130.			.456	-25 to 25.0
Methyl Isobutyl Ketone	9.473	10	94.7	70.0 to 130.			2.48	-25 to 25.0
Toluene	10.144	10	101	70.0 to 130.			1.11	-25 to 25.0
Methyl Butyl Ketone	8.286	10	82.9	70.0 to 130.			2.48	-25 to 25.0
Dibromochloromethane	10.343	10	103	70.0 to 130.			1.64	-25 to 25.0
1,2-Dibromoethane	9.753	10	97.5	70.0 to 130.			1.47	-25 to 25.0
Tetrachloroethylene	10.077	10	101	70.0 to 130.			1.51	-25 to 25.0
Chlorobenzene	9.862	10	98.6	70.0 to 130.			2.06	-25 to 25.0
Ethylbenzene	9.991	10	99.9	70.0 to 130.			1.7	-25 to 25.0
m & p-xylene	19.72	20	98.6	70.0 to 130.			1.5	-25 to 25.0



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589982

Sample: WG589982-3

Spikelot: IH742566

QC Type: LCSD

Raw File:

Analysis date: 05/05/24 16:32:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536012

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Bromoform	10.391	10	104	70.0 to 130.			1.65	-25 to 25.0
Styrene	9.97	10	99.7	70.0 to 130.			1.57	-25 to 25.0
1,1,2,2-Tetrachloroethane	9.718	10	97.2	70.0 to 130.			1.5	-25 to 25.0
o-Xylene	9.884	10	98.8	70.0 to 130.			1.76	-25 to 25.0
Nonane	9.887	10	98.9	70.0 to 130.			1.72	-25 to 25.0
Cumene	9.341	10	93.4	70.0 to 130.			1.08	-25 to 25.0
2-Chlorotoluene	10.347	10	103	70.0 to 130.			.54	-25 to 25.0
n-Propylbenzene	9.981	10	99.8	70.0 to 130.			1.39	-25 to 25.0
4-Ethyltoluene	10.233	10	102	70.0 to 130.			1.24	-25 to 25.0
1,3,5-Trimethylbenzene	9.819	10	98.2	70.0 to 130.			1.05	-25 to 25.0
1,2,4-Trimethylbenzene	9.877	10	98.8	70.0 to 130.			1.13	-25 to 25.0
Benzyl Chloride	10.107	10	101	70.0 to 130.			1.55	-25 to 25.0
1,3-Dichlorobenzene	9.869	10	98.7	70.0 to 130.			1.8	-25 to 25.0
1,4-Dichlorobenzene	9.964	10	99.6	70.0 to 130.			1.06	-25 to 25.0
1,2-Dichlorobenzene	9.99	10	99.9	70.0 to 130.			1.12	-25 to 25.0
1,2,4-Trichlorobenzene	10.411	10	104	70.0 to 130.			1.9	-25 to 25.0
Naphthalene	9.864	10	98.6	70.0 to 130.			1.41	-25 to 25.0
Hexachloro-1,3-butadiene	10.105	10	101	70.0 to 130.			2.13	-25 to 25.0

Sample: WG589982-4

Spikelot: IH742212

QC Type: DLS

Raw File:

Analysis date: 05/05/24 18:05:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536017

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Freon-12	.164	.16	103	60.0 to 140.				
Chloromethane	.146	.16	91.3	60.0 to 140.				
Freon-114	.154	.16	96.3	60.0 to 140.				
Vinyl Chloride	.15	.16	93.8	60.0 to 140.				
1,3-Butadiene	.151	.16	94.4	60.0 to 140.				
n-Butane	.145	.16	90.6	60.0 to 140.				
Bromomethane	.16	.16	100	60.0 to 140.				
Chloroethane	.149	.16	93.1	60.0 to 140.				
Vinyl Bromide	.151	.16	94.4	60.0 to 140.				
Acrolein	.163	.16	102	60.0 to 140.				
Freon-11	.16	.16	100	60.0 to 140.				
Acrylonitrile	.145	.16	90.6	60.0 to 140.				
Pentane	.153	.16	95.6	60.0 to 140.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589982

Sample: WG589982-4

Spike lot: IH742212

QC Type: DLS

Raw File:

Analysis date: 05/05/24 18:05:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536017

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Ethyl Bromide	.16	.16	100	60.0 to 140.				
1,1-Dichloroethene	.165	.16	103	60.0 to 140.				
Methylene Chloride	.17	.16	106	60.0 to 140.				
Freon-113	.166	.16	104	60.0 to 140.				
Allyl Chloride	.158	.16	98.8	60.0 to 140.				
trans-1,2-Dichloroethene	.155	.16	96.9	60.0 to 140.				
1,1-Dichloroethane	.158	.16	98.8	60.0 to 140.				
Methyl tert-Butyl Ether	.157	.16	98.1	60.0 to 140.				
Vinyl Acetate	.162	.16	101	60.0 to 140.				
Methyl Ethyl Ketone	.167	.16	104	60.0 to 140.				
cis-1,2-Dichloroethylene	.162	.16	101	60.0 to 140.				
Hexane	.163	.16	102	60.0 to 140.				
Ethyl Acetate	.151	.16	94.4	60.0 to 140.				
Chloroform	.164	.16	103	60.0 to 140.				
Tetrahydrofuran	.167	.16	104	60.0 to 140.				
1,2-Dichloroethane	.162	.16	101	60.0 to 140.				
1,1,1-Trichloroethane	.161	.16	101	60.0 to 140.				
Benzene	.162	.16	101	60.0 to 140.				
Carbon Tetrachloride	.155	.16	96.9	60.0 to 140.				
Cyclohexane	.165	.16	103	60.0 to 140.				
1,2-Dichloropropane	.159	.16	99.4	60.0 to 140.				
Bromodichloromethane	.159	.16	99.4	60.0 to 140.				
1,4-Dioxane	.2	.16	125	60.0 to 140.				
Trichloroethylene	.162	.16	101	60.0 to 140.				
2,2,4-Trimethylpentane	.159	.16	99.4	60.0 to 140.				
Methyl Methacrylate	.154	.16	96.3	60.0 to 140.				
Heptane	.15	.16	93.8	60.0 to 140.				
cis-1,3-Dichloropropene	.148	.16	92.5	60.0 to 140.				
trans-1,3-Dichloropropene	.151	.16	94.4	60.0 to 140.				
1,1,2-Trichloroethane	.165	.16	103	60.0 to 140.				
Methyl Isobutyl Ketone	.154	.16	96.3	60.0 to 140.				
Toluene	.161	.16	101	60.0 to 140.				
Methyl Butyl Ketone	.162	.16	101	60.0 to 140.				
Dibromochloromethane	.15	.16	93.8	60.0 to 140.				
1,2-Dibromoethane	.154	.16	96.3	60.0 to 140.				
Tetrachloroethylene	.164	.16	103	60.0 to 140.				
Chlorobenzene	.166	.16	104	60.0 to 140.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589982

Sample: WG589982-4

Spikelot: IH742212

QC Type: DLS

Raw File:

Analysis date: 05/05/24 18:05:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536017

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Ethylbenzene	.156	.16	97.5	60.0 to 140.				
m & p-xylene	.314	.32	98.1	60.0 to 140.				
Bromoform	.147	.16	91.9	60.0 to 140.				
Styrene	.143	.16	89.4	60.0 to 140.				
1,1,2,2-Tetrachloroethane	.162	.16	101	60.0 to 140.				
o-Xylene	.16	.16	100	60.0 to 140.				
Nonane	.16	.16	100	60.0 to 140.				
Cumene	.158	.16	98.8	60.0 to 140.				
2-Chlorotoluene	.155	.16	96.9	60.0 to 140.				
n-Propylbenzene	.155	.16	96.9	60.0 to 140.				
4-Ethyltoluene	.149	.16	93.1	60.0 to 140.				
1,3,5-Trimethylbenzene	.159	.16	99.4	60.0 to 140.				
1,2,4-Trimethylbenzene	.15	.16	93.8	60.0 to 140.				
Benzyl Chloride	.113	.16	70.6	60.0 to 140.				
1,3-Dichlorobenzene	.142	.16	88.8	60.0 to 140.				
1,4-Dichlorobenzene	.138	.16	86.3	60.0 to 140.				
1,2-Dichlorobenzene	.152	.16	95	60.0 to 140.				
1,2,4-Trichlorobenzene	.116	.16	72.5	60.0 to 140.				
Naphthalene	.124	.16	77.5	60.0 to 140.				
Hexachloro-1,3-butadiene	.159	.16	99.4	60.0 to 140.				

Sample: WG589982-5

Spikelot: IH742212

QC Type: DLS

Raw File:

Analysis date: 05/05/24 18:51:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536024

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	.544	.5	109	60.0 to 140.				
Acetonitrile	.487	.5	97.4	60.0 to 140.				
Acetone	.526	.5	105	60.0 to 140.				
Isopropyl Alcohol	.527	.5	105	60.0 to 140.				
tert-Butyl Alcohol	.515	.5	103	60.0 to 140.				
Carbon Disulfide	.529	.5	106	60.0 to 140.				

Sample: WG589982-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/05/24 19:44:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536028



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589982

Sample: WG589982-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/05/24 19:44:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536028

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	.074	<0.5						
Freon-12	0	<0.16						
Chloromethane	0	<0.16						
Freon-114	0	<0.16						
Vinyl Chloride	0	<0.16						
1,3-Butadiene	0	<0.16						
n-Butane	0	<0.16						
Bromomethane	0	<0.16						
Chloroethane	0	<0.16						
Acetonitrile	0	<0.5						
Vinyl Bromide	0	<0.16						
Acrolein	0	<0.16						
Acetone	.049	<0.5						
Freon-11	0	<0.16						
Isopropyl Alcohol	.039	<0.50						
Acrylonitrile	0	<0.16						
Pentane	0	<0.16						
Ethyl Bromide	0	<0.16						
1,1-Dichloroethene	0	<0.16						
tert-Butyl Alcohol	0	<0.5						
Methylene Chloride	0	<0.16						
Freon-113	0	<0.16						
Carbon Disulfide	0	<0.5						
Allyl Chloride	0	<0.16						
trans-1,2-Dichloroethene	0	<0.16						
1,1-Dichloroethane	0	<0.16						
Methyl tert-Butyl Ether	0	<0.16						
Vinyl Acetate	0	<0.16						
Methyl Ethyl Ketone	0	<0.16						
cis-1,2-Dichloroethylene	0	<0.16						
Hexane	0	<0.16						
Ethyl Acetate	0	<0.16						
Chloroform	0	<0.16						
Tetrahydrofuran	0	<0.16						
1,2-Dichloroethane	0	<0.16						
1,1,1-Trichloroethane	0	<0.16						
Benzene	0	<0.16						



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589982

Sample: WG589982-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/05/24 19:44:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536028

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Tetrachloride	0	<0.16						
Cyclohexane	0	<0.16						
1,2-Dichloropropane	0	<0.16						
Bromodichloromethane	0	<0.16						
1,4-Dioxane	0	<0.16						
Trichloroethylene	0	<0.16						
2,2,4-Trimethylpentane	0	<0.16						
Methyl Methacrylate	0	<0.16						
Heptane	0	<0.16						
cis-1,3-Dichloropropene	0	<0.16						
trans-1,3-Dichloropropene	0	<0.16						
1,1,2-Trichloroethane	0	<0.16						
Methyl Isobutyl Ketone	0	<0.16						
Toluene	0	<0.16						
Methyl Butyl Ketone	0	<0.16						
Dibromochloromethane	0	<0.16						
1,2-Dibromoethane	0	<0.16						
Tetrachloroethylene	0	<0.16						
Chlorobenzene	0	<0.16						
Ethylbenzene	0	<0.16						
m & p-xylene	0	<0.32						
Bromoform	0	<0.16						
Styrene	0	<0.16						
1,1,2,2-Tetrachloroethane	0	<0.16						
o-Xylene	0	<0.16						
Nonane	0	<0.16						
Cumene	0	<0.16						
2-Chlorotoluene	0	<0.16						
n-Propylbenzene	0	<0.16						
4-Ethyltoluene	0	<0.16						
1,3,5-Trimethylbenzene	0	<0.16						
1,2,4-Trimethylbenzene	0	<0.16						
Benzyl Chloride	0	<0.16						
1,3-Dichlorobenzene	0	<0.16						
1,4-Dichlorobenzene	0	<0.16						
1,2-Dichlorobenzene	0	<0.16						
1,2,4-Trichlorobenzene	0	<0.16						



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589982

Sample: WG589982-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/05/24 19:44:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536028

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Naphthalene	0	<0.16						
Hexachloro-1,3-butadiene	0	<0.16						

Sample: WG589982-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/05/24 19:44:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536095

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
No Volatiles Found	0	<0						

Sample: WG589982-6

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/06/24 09:47:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536025

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits

Sample: WG589982-7

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/06/24 09:47:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536140

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	10.587	10	106	70.0 to 130.				
Freon-12	11.136	10	111	70.0 to 130.				
Chloromethane	10.211	10	102	70.0 to 130.				
Freon-114	10.589	10	106	70.0 to 130.				
Vinyl Chloride	10.365	10	104	70.0 to 130.				
1,3-Butadiene	10.111	10	101	70.0 to 130.				
n-Butane	9.602	10	96	70.0 to 130.				
Bromomethane	10.563	10	106	70.0 to 130.				
Chloroethane	10.167	10	102	70.0 to 130.				
Acetonitrile	10.586	10	106	70.0 to 130.				
Vinyl Bromide	10.819	10	108	70.0 to 130.				
Acrolein	10.283	10	103	70.0 to 130.				
Acetone	10.253	10	103	70.0 to 130.				
Freon-11	10.843	10	108	70.0 to 130.				
Isopropyl Alcohol	10.091	10	101	70.0 to 130.				
Acrylonitrile	10.569	10	106	70.0 to 130.				
Pentane	10.493	10	105	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589982

Sample: WG589982-7

Spike lot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/06/24 09:47:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536140

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Ethyl Bromide	10.81	10	108	70.0 to 130.				
1,1-Dichloroethene	10.66	10	107	70.0 to 130.				
tert-Butyl Alcohol	10.178	10	102	70.0 to 130.				
Methylene Chloride	10.572	10	106	70.0 to 130.				
Freon-113	10.685	10	107	70.0 to 130.				
Carbon Disulfide	10.525	10	105	70.0 to 130.				
Allyl Chloride	10.491	10	105	70.0 to 130.				
trans-1,2-Dichloroethene	10.629	10	106	70.0 to 130.				
1,1-Dichloroethane	10.606	10	106	70.0 to 130.				
Methyl tert-Butyl Ether	10.539	10	105	70.0 to 130.				
Vinyl Acetate	9.414	10	94.1	70.0 to 130.				
Methyl Ethyl Ketone	9.974	10	99.7	70.0 to 130.				
cis-1,2-Dichloroethylene	10.589	10	106	70.0 to 130.				
Hexane	10.532	10	105	70.0 to 130.				
Ethyl Acetate	9.825	10	98.3	70.0 to 130.				
Chloroform	10.597	10	106	70.0 to 130.				
Tetrahydrofuran	9.803	10	98	70.0 to 130.				
1,2-Dichloroethane	10.506	10	105	70.0 to 130.				
1,1,1-Trichloroethane	10.832	10	108	70.0 to 130.				
Benzene	10.592	10	106	70.0 to 130.				
Carbon Tetrachloride	10.891	10	109	70.0 to 130.				
Cyclohexane	10.662	10	107	70.0 to 130.				
1,2-Dichloropropane	10.881	10	109	70.0 to 130.				
Bromodichloromethane	10.88	10	109	70.0 to 130.				
1,4-Dioxane	8.44	10	84.4	70.0 to 130.				
Trichloroethylene	10.722	10	107	70.0 to 130.				
2,2,4-Trimethylpentane	10.43	10	104	70.0 to 130.				
Methyl Methacrylate	10.015	10	100	70.0 to 130.				
Heptane	10.496	10	105	70.0 to 130.				
cis-1,3-Dichloropropene	10.779	10	108	70.0 to 130.				
trans-1,3-Dichloropropene	10.529	10	105	70.0 to 130.				
1,1,2-Trichloroethane	10.73	10	107	70.0 to 130.				
Methyl Isobutyl Ketone	9.725	10	97.3	70.0 to 130.				
Toluene	10.219	10	102	70.0 to 130.				
Methyl Butyl Ketone	8.594	10	85.9	70.0 to 130.				
Dibromochloromethane	10.375	10	104	70.0 to 130.				
1,2-Dibromoethane	10.154	10	102	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589982

Sample: WG589982-7

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/06/24 09:47:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15536140

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Tetrachloroethylene	10.349	10	103	70.0 to 130.				
Chlorobenzene	10.136	10	101	70.0 to 130.				
Ethylbenzene	10.343	10	103	70.0 to 130.				
m & p-xylene	20.34	20	102	70.0 to 130.				
Bromoform	10.285	10	103	70.0 to 130.				
Styrene	10.27	10	103	70.0 to 130.				
1,1,2,2-Tetrachloroethane	10.12	10	101	70.0 to 130.				
o-Xylene	10.116	10	101	70.0 to 130.				
Nonane	10.242	10	102	70.0 to 130.				
Cumene	10.326	10	103	70.0 to 130.				
2-Chlorotoluene	10.482	10	105	70.0 to 130.				
n-Propylbenzene	10.397	10	104	70.0 to 130.				
4-Ethyltoluene	10.37	10	104	70.0 to 130.				
1,3,5-Trimethylbenzene	10.244	10	102	70.0 to 130.				
1,2,4-Trimethylbenzene	10.413	10	104	70.0 to 130.				
Benzyl Chloride	10.339	10	103	70.0 to 130.				
1,3-Dichlorobenzene	10.293	10	103	70.0 to 130.				
1,4-Dichlorobenzene	10.32	10	103	70.0 to 130.				
1,2-Dichlorobenzene	10.357	10	104	70.0 to 130.				
1,2,4-Trichlorobenzene	11.317	10	113	70.0 to 130.				
Naphthalene	10.932	10	109	70.0 to 130.				
Hexachloro-1,3-butadiene	11.201	10	112	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589609

Sample: WG589609-6

Spike lot: IH742592

QC Type: CCV

Raw File:

Analysis date: 05/01/24 10:35:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523620

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	9.739	10	97.4	70.0 to 130.				
Freon-12	10.223	10	102	70.0 to 130.				
Chloromethane	10.519	10	105	70.0 to 130.				
Freon-114	10.68	10	107	70.0 to 130.				
Vinyl Chloride	10.937	10	109	70.0 to 130.				
1,3-Butadiene	10.717	10	107	70.0 to 130.				
n-Butane	10.642	10	106	70.0 to 130.				
Bromomethane	9.58	10	95.8	70.0 to 130.				
Chloroethane	9.99	10	99.9	70.0 to 130.				
Acetonitrile	9.996	10	100	70.0 to 130.				
Vinyl Bromide	9.917	10	99.2	70.0 to 130.				
Acrolein	10.495	10	105	70.0 to 130.				
Acetone	9.717	10	97.2	70.0 to 130.				
Freon-11	9.824	10	98.2	70.0 to 130.				
Isopropyl Alcohol	10.332	10	103	70.0 to 130.				
Acrylonitrile	10.346	10	103	70.0 to 130.				
Pentane	9.923	10	99.2	70.0 to 130.				
Ethyl Bromide	10.038	10	100	70.0 to 130.				
1,1-Dichloroethene	9.943	10	99.4	70.0 to 130.				
tert-Butyl Alcohol	10.191	10	102	70.0 to 130.				
Methylene Chloride	9.97	10	99.7	70.0 to 130.				
Freon-113	10.053	10	101	70.0 to 130.				
Carbon Disulfide	10.083	10	101	70.0 to 130.				
Allyl Chloride	9.835	10	98.4	70.0 to 130.				
trans-1,2-Dichloroethene	10.01	10	100	70.0 to 130.				
1,1-Dichloroethane	9.953	10	99.5	70.0 to 130.				
Methyl tert-Butyl Ether	9.749	10	97.5	70.0 to 130.				
Vinyl Acetate	9.977	10	99.8	70.0 to 130.				
Methyl Ethyl Ketone	10.133	10	101	70.0 to 130.				
cis-1,2-Dichloroethylene	10.033	10	100	70.0 to 130.				
Hexane	10.203	10	102	70.0 to 130.				
Ethyl Acetate	10.328	10	103	70.0 to 130.				
Chloroform	9.979	10	99.8	70.0 to 130.				
Tetrahydrofuran	9.899	10	99	70.0 to 130.				
1,2-Dichloroethane	9.751	10	97.5	70.0 to 130.				
1,1,1-Trichloroethane	9.859	10	98.6	70.0 to 130.				
Benzene	10.088	10	101	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589609

Sample: WG589609-6

Spike lot: IH742592

QC Type: CCV

Raw File:

Analysis date: 05/01/24 10:35:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523620

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Tetrachloride	9.907	10	99.1	70.0 to 130.				
Cyclohexane	9.922	10	99.2	70.0 to 130.				
1,2-Dichloropropane	10.066	10	101	70.0 to 130.				
Bromodichloromethane	10.146	10	101	70.0 to 130.				
1,4-Dioxane	10.272	10	103	70.0 to 130.				
Trichloroethylene	9.98	10	99.8	70.0 to 130.				
2,2,4-Trimethylpentane	9.938	10	99.4	70.0 to 130.				
Methyl Methacrylate	10.273	10	103	70.0 to 130.				
Heptane	9.882	10	98.8	70.0 to 130.				
cis-1,3-Dichloropropene	10.17	10	102	70.0 to 130.				
trans-1,3-Dichloropropene	10.133	10	101	70.0 to 130.				
1,1,2-Trichloroethane	10.174	10	102	70.0 to 130.				
Methyl Isobutyl Ketone	10.177	10	102	70.0 to 130.				
Toluene	9.996	10	100	70.0 to 130.				
Methyl Butyl Ketone	10.083	10	101	70.0 to 130.				
Dibromochloromethane	10.319	10	103	70.0 to 130.				
1,2-Dibromoethane	10.238	10	102	70.0 to 130.				
Tetrachloroethylene	9.989	10	99.9	70.0 to 130.				
Chlorobenzene	9.937	10	99.4	70.0 to 130.				
Ethylbenzene	10.055	10	101	70.0 to 130.				
m & p-xylene	20.041	20	100	70.0 to 130.				
Bromoform	10.378	10	104	70.0 to 130.				
Styrene	10.191	10	102	70.0 to 130.				
1,1,2,2-Tetrachloroethane	10.427	10	104	70.0 to 130.				
o-Xylene	10.062	10	101	70.0 to 130.				
Nonane	10.079	10	101	70.0 to 130.				
Cumene	10.107	10	101	70.0 to 130.				
2-Chlorotoluene	10.007	10	100	70.0 to 130.				
n-Propylbenzene	10.138	10	101	70.0 to 130.				
4-Ethyltoluene	10.099	10	101	70.0 to 130.				
1,3,5-Trimethylbenzene	10.032	10	100	70.0 to 130.				
1,2,4-Trimethylbenzene	10.088	10	101	70.0 to 130.				
Benzyl Chloride	10.439	10	104	70.0 to 130.				
1,3-Dichlorobenzene	10.029	10	100	70.0 to 130.				
1,4-Dichlorobenzene	9.952	10	99.5	70.0 to 130.				
1,2-Dichlorobenzene	10.027	10	100	70.0 to 130.				
1,2,4-Trichlorobenzene	10.007	10	100	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589609

Sample: WG589609-6

Spikelot: IH742592

QC Type: CCV

Raw File:

Analysis date: 05/01/24 10:35:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523620

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Naphthalene	9.969	10	99.7	70.0 to 130.				
Hexachloro-1,3-butadiene	9.826	10	98.3	70.0 to 130.				

Sample: WG589609-2

Spikelot: IH742592

QC Type: LCS

Raw File:

Analysis date: 05/01/24 11:22:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523629

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	9.411	10	94.1	70.0 to 130.				
Freon-12	9.87	10	98.7	70.0 to 130.				
Chloromethane	10.12	10	101	70.0 to 130.				
Freon-114	9.748	10	97.5	70.0 to 130.				
Vinyl Chloride	10.721	10	107	70.0 to 130.				
1,3-Butadiene	10.587	10	106	70.0 to 130.				
n-Butane	10.479	10	105	70.0 to 130.				
Bromomethane	9.429	10	94.3	70.0 to 130.				
Chloroethane	9.849	10	98.5	70.0 to 130.				
Acetonitrile	9.67	10	96.7	70.0 to 130.				
Vinyl Bromide	9.956	10	99.6	70.0 to 130.				
Acrolein	8.645	10	86.5	70.0 to 130.				
Acetone	9.678	10	96.8	70.0 to 130.				
Freon-11	9.664	10	96.6	70.0 to 130.				
Isopropyl Alcohol	9.022	10	90.2	70.0 to 130.				
Acrylonitrile	10.143	10	101	70.0 to 130.				
Pentane	9.832	10	98.3	70.0 to 130.				
Ethyl Bromide	9.827	10	98.3	70.0 to 130.				
1,1-Dichloroethene	9.81	10	98.1	70.0 to 130.				
tert-Butyl Alcohol	9.756	10	97.6	70.0 to 130.				
Methylene Chloride	9.841	10	98.4	70.0 to 130.				
Freon-113	9.761	10	97.6	70.0 to 130.				
Carbon Disulfide	10.219	10	102	70.0 to 130.				
Allyl Chloride	9.839	10	98.4	70.0 to 130.				
trans-1,2-Dichloroethene	9.85	10	98.5	70.0 to 130.				
1,1-Dichloroethane	9.805	10	98.1	70.0 to 130.				
Methyl tert-Butyl Ether	9.673	10	96.7	70.0 to 130.				
Vinyl Acetate	8.782	10	87.8	70.0 to 130.				
Methyl Ethyl Ketone	10.081	10	101	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589609

Sample: WG589609-2

Spikelot: IH742592

QC Type: LCS

Raw File:

Analysis date: 05/01/24 11:22:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523629

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
cis-1,2-Dichloroethylene	9.701	10	97	70.0 to 130.				
Hexane	10.284	10	103	70.0 to 130.				
Ethyl Acetate	10.14	10	101	70.0 to 130.				
Chloroform	9.774	10	97.7	70.0 to 130.				
Tetrahydrofuran	10.81	10	108	70.0 to 130.				
1,2-Dichloroethane	9.626	10	96.3	70.0 to 130.				
1,1,1-Trichloroethane	9.3	10	93	70.0 to 130.				
Benzene	9.759	10	97.6	70.0 to 130.				
Carbon Tetrachloride	9.664	10	96.6	70.0 to 130.				
Cyclohexane	9.96	10	99.6	70.0 to 130.				
1,2-Dichloropropane	9.969	10	99.7	70.0 to 130.				
Bromodichloromethane	9.627	10	96.3	70.0 to 130.				
1,4-Dioxane	10.043	10	100	70.0 to 130.				
Trichloroethylene	9.776	10	97.8	70.0 to 130.				
2,2,4-Trimethylpentane	10.043	10	100	70.0 to 130.				
Methyl Methacrylate	9.999	10	100	70.0 to 130.				
Heptane	9.81	10	98.1	70.0 to 130.				
cis-1,3-Dichloropropene	9.23	10	92.3	70.0 to 130.				
trans-1,3-Dichloropropene	10.575	10	106	70.0 to 130.				
1,1,2-Trichloroethane	9.658	10	96.6	70.0 to 130.				
Methyl Isobutyl Ketone	10.191	10	102	70.0 to 130.				
Toluene	9.945	10	99.5	70.0 to 130.				
Methyl Butyl Ketone	9.995	10	100	70.0 to 130.				
Dibromochloromethane	10.138	10	101	70.0 to 130.				
1,2-Dibromoethane	9.86	10	98.6	70.0 to 130.				
Tetrachloroethylene	9.584	10	95.8	70.0 to 130.				
Chlorobenzene	9.612	10	96.1	70.0 to 130.				
Ethylbenzene	9.694	10	96.9	70.0 to 130.				
m & p-xylene	19.315	20	96.6	70.0 to 130.				
Bromoform	10.129	10	101	70.0 to 130.				
Styrene	9.724	10	97.2	70.0 to 130.				
1,1,2,2-Tetrachloroethane	9.802	10	98	70.0 to 130.				
o-Xylene	9.767	10	97.7	70.0 to 130.				
Nonane	9.819	10	98.2	70.0 to 130.				
Cumene	9.055	10	90.6	70.0 to 130.				
2-Chlorotoluene	9.645	10	96.5	70.0 to 130.				
n-Propylbenzene	9.61	10	96.1	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589609

Sample: WG589609-2

Spike lot: IH742592

QC Type: LCS

Raw File:

Analysis date: 05/01/24 11:22:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523629

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
4-Ethyltoluene	9.934	10	99.3	70.0 to 130.				
1,3,5-Trimethylbenzene	9.615	10	96.2	70.0 to 130.				
1,2,4-Trimethylbenzene	9.497	10	95	70.0 to 130.				
Benzyl Chloride	9.737	10	97.4	70.0 to 130.				
1,3-Dichlorobenzene	9.559	10	95.6	70.0 to 130.				
1,4-Dichlorobenzene	9.527	10	95.3	70.0 to 130.				
1,2-Dichlorobenzene	9.504	10	95	70.0 to 130.				
1,2,4-Trichlorobenzene	8.926	10	89.3	70.0 to 130.				
Naphthalene	8.933	10	89.3	70.0 to 130.				
Hexachloro-1,3-butadiene	8.981	10	89.8	70.0 to 130.				

Sample: WG589609-3

Spike lot: IH742592

QC Type: LCSD

Raw File:

Analysis date: 05/01/24 12:09:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523624

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	9.292	10	92.9	70.0 to 130.			1.27	-25 to 25.0
Freon-12	10.009	10	100	70.0 to 130.			1.4	-25 to 25.0
Chloromethane	10.446	10	104	70.0 to 130.			3.17	-25 to 25.0
Freon-114	9.95	10	99.5	70.0 to 130.			2.05	-25 to 25.0
Vinyl Chloride	10.679	10	107	70.0 to 130.			.393	-25 to 25.0
1,3-Butadiene	10.658	10	107	70.0 to 130.			.668	-25 to 25.0
n-Butane	10.738	10	107	70.0 to 130.			2.44	-25 to 25.0
Bromomethane	9.472	10	94.7	70.0 to 130.			.455	-25 to 25.0
Chloroethane	9.932	10	99.3	70.0 to 130.			.839	-25 to 25.0
Acetonitrile	9.57	10	95.7	70.0 to 130.			1.04	-25 to 25.0
Vinyl Bromide	10.04	10	100	70.0 to 130.			.84	-25 to 25.0
Acrolein	8.643	10	86.4	70.0 to 130.			.0231	-25 to 25.0
Acetone	9.595	10	96	70.0 to 130.			.861	-25 to 25.0
Freon-11	9.608	10	96.1	70.0 to 130.			.581	-25 to 25.0
Isopropyl Alcohol	9.067	10	90.7	70.0 to 130.			.498	-25 to 25.0
Acrylonitrile	10.063	10	101	70.0 to 130.			.792	-25 to 25.0
Pentane	9.762	10	97.6	70.0 to 130.			.715	-25 to 25.0
Ethyl Bromide	9.773	10	97.7	70.0 to 130.			.551	-25 to 25.0
1,1-Dichloroethene	9.839	10	98.4	70.0 to 130.			.295	-25 to 25.0
tert-Butyl Alcohol	9.732	10	97.3	70.0 to 130.			.246	-25 to 25.0
Methylene Chloride	9.902	10	99	70.0 to 130.			.618	-25 to 25.0



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589609

Sample: WG589609-3

Spikelet: IH742592

QC Type: LCSD

Raw File:

Analysis date: 05/01/24 12:09:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523624

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Freon-113	9.818	10	98.2	70.0 to 130.			.582	-25 to 25.0
Carbon Disulfide	10.125	10	101	70.0 to 130.			.924	-25 to 25.0
Allyl Chloride	9.897	10	99	70.0 to 130.			.588	-25 to 25.0
trans-1,2-Dichloroethene	9.871	10	98.7	70.0 to 130.			.213	-25 to 25.0
1,1-Dichloroethane	9.805	10	98.1	70.0 to 130.			0	-25 to 25.0
Methyl tert-Butyl Ether	9.655	10	96.6	70.0 to 130.			.186	-25 to 25.0
Vinyl Acetate	8.686	10	86.9	70.0 to 130.			1.1	-25 to 25.0
Methyl Ethyl Ketone	10.071	10	101	70.0 to 130.			.0992	-25 to 25.0
cis-1,2-Dichloroethylene	9.69	10	96.9	70.0 to 130.			.113	-25 to 25.0
Hexane	10.256	10	103	70.0 to 130.			.273	-25 to 25.0
Ethyl Acetate	10.033	10	100	70.0 to 130.			1.06	-25 to 25.0
Chloroform	9.721	10	97.2	70.0 to 130.			.544	-25 to 25.0
Tetrahydrofuran	10.796	10	108	70.0 to 130.			.13	-25 to 25.0
1,2-Dichloroethane	9.536	10	95.4	70.0 to 130.			.939	-25 to 25.0
1,1,1-Trichloroethane	9.355	10	93.6	70.0 to 130.			.59	-25 to 25.0
Benzene	9.831	10	98.3	70.0 to 130.			.735	-25 to 25.0
Carbon Tetrachloride	9.679	10	96.8	70.0 to 130.			.155	-25 to 25.0
Cyclohexane	10.044	10	100	70.0 to 130.			.84	-25 to 25.0
1,2-Dichloropropane	9.986	10	99.9	70.0 to 130.			.17	-25 to 25.0
Bromodichloromethane	9.738	10	97.4	70.0 to 130.			1.15	-25 to 25.0
1,4-Dioxane	10.03	10	100	70.0 to 130.			.13	-25 to 25.0
Trichloroethylene	9.775	10	97.8	70.0 to 130.			.0102	-25 to 25.0
2,2,4-Trimethylpentane	9.948	10	99.5	70.0 to 130.			.95	-25 to 25.0
Methyl Methacrylate	9.954	10	99.5	70.0 to 130.			.451	-25 to 25.0
Heptane	9.808	10	98.1	70.0 to 130.			.0204	-25 to 25.0
cis-1,3-Dichloropropene	9.234	10	92.3	70.0 to 130.			.0433	-25 to 25.0
trans-1,3-Dichloropropene	10.608	10	106	70.0 to 130.			.312	-25 to 25.0
1,1,2-Trichloroethane	9.656	10	96.6	70.0 to 130.			.0207	-25 to 25.0
Methyl Isobutyl Ketone	10.125	10	101	70.0 to 130.			.65	-25 to 25.0
Toluene	10.024	10	100	70.0 to 130.			.791	-25 to 25.0
Methyl Butyl Ketone	9.988	10	99.9	70.0 to 130.			.0701	-25 to 25.0
Dibromochloromethane	10.197	10	102	70.0 to 130.			.58	-25 to 25.0
1,2-Dibromoethane	9.824	10	98.2	70.0 to 130.			.366	-25 to 25.0
Tetrachloroethylene	9.631	10	96.3	70.0 to 130.			.489	-25 to 25.0
Chlorobenzene	9.64	10	96.4	70.0 to 130.			.291	-25 to 25.0
Ethylbenzene	9.755	10	97.6	70.0 to 130.			.627	-25 to 25.0
m & p-xylene	19.514	20	97.6	70.0 to 130.			1.03	-25 to 25.0



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589609

Sample: WG589609-3

Spikelot: IH742592

QC Type: LCSD

Raw File:

Analysis date: 05/01/24 12:09:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523624

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Bromoform	10.209	10	102	70.0 to 130.			.787	-25 to 25.0
Styrene	9.794	10	97.9	70.0 to 130.			.717	-25 to 25.0
1,1,2,2-Tetrachloroethane	9.829	10	98.3	70.0 to 130.			.275	-25 to 25.0
o-Xylene	9.787	10	97.9	70.0 to 130.			.205	-25 to 25.0
Nonane	9.897	10	99	70.0 to 130.			.791	-25 to 25.0
Cumene	9.074	10	90.7	70.0 to 130.			.21	-25 to 25.0
2-Chlorotoluene	9.775	10	97.8	70.0 to 130.			1.34	-25 to 25.0
n-Propylbenzene	9.627	10	96.3	70.0 to 130.			.177	-25 to 25.0
4-Ethyltoluene	10.013	10	100	70.0 to 130.			.792	-25 to 25.0
1,3,5-Trimethylbenzene	9.677	10	96.8	70.0 to 130.			.643	-25 to 25.0
1,2,4-Trimethylbenzene	9.558	10	95.6	70.0 to 130.			.64	-25 to 25.0
Benzyl Chloride	9.777	10	97.8	70.0 to 130.			.41	-25 to 25.0
1,3-Dichlorobenzene	9.532	10	95.3	70.0 to 130.			.283	-25 to 25.0
1,4-Dichlorobenzene	9.55	10	95.5	70.0 to 130.			.241	-25 to 25.0
1,2-Dichlorobenzene	9.601	10	96	70.0 to 130.			1.02	-25 to 25.0
1,2,4-Trichlorobenzene	8.982	10	89.8	70.0 to 130.			.625	-25 to 25.0
Naphthalene	8.976	10	89.8	70.0 to 130.			.48	-25 to 25.0
Hexachloro-1,3-butadiene	9.037	10	90.4	70.0 to 130.			.622	-25 to 25.0

Sample: WG589609-4

Spikelot: IH742521

QC Type: DLS

Raw File:

Analysis date: 05/01/24 13:43:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523625

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Freon-12	.156	.16	97.5	60.0 to 140.				
Chloromethane	.174	.16	109	60.0 to 140.				
Freon-114	.17	.16	106	60.0 to 140.				
Vinyl Chloride	.177	.16	111	60.0 to 140.				
1,3-Butadiene	.181	.16	113	60.0 to 140.				
n-Butane	.179	.16	112	60.0 to 140.				
Bromomethane	.138	.16	86.3	60.0 to 140.				
Chloroethane	.141	.16	88.1	60.0 to 140.				
Vinyl Bromide	.149	.16	93.1	60.0 to 140.				
Acrolein	.145	.16	90.6	60.0 to 140.				
Freon-11	.165	.16	103	60.0 to 140.				
Acrylonitrile	.141	.16	88.1	60.0 to 140.				
Pentane	.165	.16	103	60.0 to 140.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589609

Sample: WG589609-4

Spikelot: IH742521

QC Type: DLS

Raw File:

Analysis date: 05/01/24 13:43:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523625

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Ethyl Bromide	.147	.16	91.9	60.0 to 140.				
1,1-Dichloroethene	.154	.16	96.3	60.0 to 140.				
Methylene Chloride	.161	.16	101	60.0 to 140.				
Freon-113	.156	.16	97.5	60.0 to 140.				
Allyl Chloride	.14	.16	87.5	60.0 to 140.				
trans-1,2-Dichloroethene	.158	.16	98.8	60.0 to 140.				
1,1-Dichloroethane	.156	.16	97.5	60.0 to 140.				
Methyl tert-Butyl Ether	.146	.16	91.3	60.0 to 140.				
Vinyl Acetate	.149	.16	93.1	60.0 to 140.				
Methyl Ethyl Ketone	.155	.16	96.9	60.0 to 140.				
cis-1,2-Dichloroethylene	.156	.16	97.5	60.0 to 140.				
Hexane	.148	.16	92.5	60.0 to 140.				
Ethyl Acetate	.11	.16	68.8	60.0 to 140.				
Chloroform	.16	.16	100	60.0 to 140.				
Tetrahydrofuran	.155	.16	96.9	60.0 to 140.				
1,2-Dichloroethane	.149	.16	93.1	60.0 to 140.				
1,1,1-Trichloroethane	.148	.16	92.5	60.0 to 140.				
Benzene	.154	.16	96.3	60.0 to 140.				
Carbon Tetrachloride	.144	.16	90	60.0 to 140.				
Cyclohexane	.188	.16	118	60.0 to 140.				
1,2-Dichloropropane	.149	.16	93.1	60.0 to 140.				
Bromodichloromethane	.143	.16	89.4	60.0 to 140.				
1,4-Dioxane	.133	.16	83.1	60.0 to 140.				
Trichloroethylene	.151	.16	94.4	60.0 to 140.				
2,2,4-Trimethylpentane	.158	.16	98.8	60.0 to 140.				
Methyl Methacrylate	.132	.16	82.5	60.0 to 140.				
Heptane	.153	.16	95.6	60.0 to 140.				
cis-1,3-Dichloropropene	.138	.16	86.3	60.0 to 140.				
trans-1,3-Dichloropropene	.13	.16	81.3	60.0 to 140.				
1,1,2-Trichloroethane	.145	.16	90.6	60.0 to 140.				
Methyl Isobutyl Ketone	.14	.16	87.5	60.0 to 140.				
Toluene	.154	.16	96.3	60.0 to 140.				
Methyl Butyl Ketone	.13	.16	81.3	60.0 to 140.				
Dibromochloromethane	.127	.16	79.4	60.0 to 140.				
1,2-Dibromoethane	.149	.16	93.1	60.0 to 140.				
Tetrachloroethylene	.15	.16	93.8	60.0 to 140.				
Chlorobenzene	.159	.16	99.4	60.0 to 140.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589609

Sample: WG589609-4

Spikelot: IH742521

QC Type: DLS

Raw File:

Analysis date: 05/01/24 13:43:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523625

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Ethylbenzene	.157	.16	98.1	60.0 to 140.				
m & p-xylene	.303	.32	94.7	60.0 to 140.				
Bromoform	.125	.16	78.1	60.0 to 140.				
Styrene	.136	.16	85	60.0 to 140.				
1,1,2,2-Tetrachloroethane	.142	.16	88.8	60.0 to 140.				
o-Xylene	.145	.16	90.6	60.0 to 140.				
Nonane	.145	.16	90.6	60.0 to 140.				
Cumene	.152	.16	95	60.0 to 140.				
2-Chlorotoluene	.152	.16	95	60.0 to 140.				
n-Propylbenzene	.151	.16	94.4	60.0 to 140.				
4-Ethyltoluene	.145	.16	90.6	60.0 to 140.				
1,3,5-Trimethylbenzene	.146	.16	91.3	60.0 to 140.				
1,2,4-Trimethylbenzene	.146	.16	91.3	60.0 to 140.				
Benzyl Chloride	.107	.16	66.9	60.0 to 140.				
1,3-Dichlorobenzene	.151	.16	94.4	60.0 to 140.				
1,4-Dichlorobenzene	.161	.16	101	60.0 to 140.				
1,2-Dichlorobenzene	.148	.16	92.5	60.0 to 140.				
1,2,4-Trichlorobenzene	.154	.16	96.3	60.0 to 140.				
Naphthalene	.154	.16	96.3	60.0 to 140.				
Hexachloro-1,3-butadiene	.139	.16	86.9	60.0 to 140.				

Sample: WG589609-5

Spikelot: IH742521

QC Type: DLS

Raw File:

Analysis date: 05/01/24 14:30:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523626

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	.579	.5	116	60.0 to 140.				
Acetonitrile	.5	.5	100	60.0 to 140.				
Acetone	.538	.5	108	60.0 to 140.				
Isopropyl Alcohol	.461	.5	92.2	60.0 to 140.				
tert-Butyl Alcohol	.459	.5	91.8	60.0 to 140.				
Carbon Disulfide	.514	.5	103	60.0 to 140.				

Sample: WG589609-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/01/24 15:23:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523632



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589609

Sample: WG589609-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/01/24 15:23:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523632

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	0	<0.5						
Freon-12	0	<0.16						
Chloromethane	0	<0.16						
Freon-114	0	<0.16						
Vinyl Chloride	0	<0.16						
1,3-Butadiene	0	<0.16						
n-Butane	0	<0.16						
Bromomethane	0	<0.16						
Chloroethane	0	<0.16						
Acetonitrile	0	<0.5						
Vinyl Bromide	0	<0.16						
Acrolein	0	<0.16						
Acetone	0	<0.5						
Freon-11	0	<0.16						
Isopropyl Alcohol	0	<0.50						
Acrylonitrile	0	<0.16						
Pentane	0	<0.16						
Ethyl Bromide	0	<0.16						
1,1-Dichloroethene	0	<0.16						
tert-Butyl Alcohol	0	<0.5						
Methylene Chloride	0	<0.16						
Freon-113	0	<0.16						
Carbon Disulfide	0	<0.5						
Allyl Chloride	0	<0.16						
trans-1,2-Dichloroethene	0	<0.16						
1,1-Dichloroethane	0	<0.16						
Methyl tert-Butyl Ether	0	<0.16						
Vinyl Acetate	0	<0.16						
Methyl Ethyl Ketone	0	<0.16						
cis-1,2-Dichloroethylene	0	<0.16						
Hexane	0	<0.16						
Ethyl Acetate	0	<0.16						
Chloroform	0	<0.16						
Tetrahydrofuran	0	<0.16						
1,2-Dichloroethane	0	<0.16						
1,1,1-Trichloroethane	0	<0.16						
Benzene	0	<0.16						



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589609

Sample: WG589609-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/01/24 15:23:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523632

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Tetrachloride	0	<0.16						
Cyclohexane	0	<0.16						
1,2-Dichloropropane	0	<0.16						
Bromodichloromethane	0	<0.16						
1,4-Dioxane	0	<0.16						
Trichloroethylene	0	<0.16						
2,2,4-Trimethylpentane	0	<0.16						
Methyl Methacrylate	0	<0.16						
Heptane	0	<0.16						
cis-1,3-Dichloropropene	0	<0.16						
trans-1,3-Dichloropropene	0	<0.16						
1,1,2-Trichloroethane	0	<0.16						
Methyl Isobutyl Ketone	0	<0.16						
Toluene	0	<0.16						
Methyl Butyl Ketone	0	<0.16						
Dibromochloromethane	0	<0.16						
1,2-Dibromoethane	0	<0.16						
Tetrachloroethylene	0	<0.16						
Chlorobenzene	0	<0.16						
Ethylbenzene	0	<0.16						
m & p-xylene	0	<0.32						
Bromoform	0	<0.16						
Styrene	0	<0.16						
1,1,2,2-Tetrachloroethane	0	<0.16						
o-Xylene	0	<0.16						
Nonane	0	<0.16						
Cumene	0	<0.16						
2-Chlorotoluene	0	<0.16						
n-Propylbenzene	0	<0.16						
4-Ethyltoluene	0	<0.16						
1,3,5-Trimethylbenzene	0	<0.16						
1,2,4-Trimethylbenzene	0	<0.16						
Benzyl Chloride	0	<0.16						
1,3-Dichlorobenzene	0	<0.16						
1,4-Dichlorobenzene	0	<0.16						
1,2-Dichlorobenzene	0	<0.16						
1,2,4-Trichlorobenzene	0	<0.16						



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589609

Sample: WG589609-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/01/24 15:23:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15523632

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Naphthalene	0	<0.16						
Hexachloro-1,3-butadiene	0	<0.16						

Sample: WG589609-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/01/24 15:23:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15525855

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
No Volatiles Found	0	<0						

Sample: WG589609-7

Spikelot: IH742592

QC Type: CCV

Raw File:

Analysis date: 05/02/24 06:25:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15525802

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	10.392	10	104	70.0 to 130.				
Freon-12	10.506	10	105	70.0 to 130.				
Chloromethane	12.854	10	129	70.0 to 130.				
Freon-114	11.584	10	116	70.0 to 130.				
Vinyl Chloride	11.904	10	119	70.0 to 130.				
1,3-Butadiene	11.669	10	117	70.0 to 130.				
n-Butane	8.551	10	85.5	70.0 to 130.				
Bromomethane	9.642	10	96.4	70.0 to 130.				
Chloroethane	10.089	10	101	70.0 to 130.				
Acetonitrile	10.589	10	106	70.0 to 130.				
Vinyl Bromide	10.002	10	100	70.0 to 130.				
Acrolein	11.163	10	112	70.0 to 130.				
Acetone	10.264	10	103	70.0 to 130.				
Freon-11	9.968	10	99.7	70.0 to 130.				
Isopropyl Alcohol	10.608	10	106	70.0 to 130.				
Acrylonitrile	11.075	10	111	70.0 to 130.				
Pentane	10.48	10	105	70.0 to 130.				
Ethyl Bromide	10.226	10	102	70.0 to 130.				
1,1-Dichloroethene	10.365	10	104	70.0 to 130.				
tert-Butyl Alcohol	10.071	10	101	70.0 to 130.				
Methylene Chloride	10.355	10	104	70.0 to 130.				
Freon-113	10.204	10	102	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589609

Sample: WG589609-7

Spikelot: IH742592

QC Type: CCV

Raw File:

Analysis date: 05/02/24 06:25:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15525802

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Disulfide	10.44	10	104	70.0 to 130.				
Allyl Chloride	10.112	10	101	70.0 to 130.				
trans-1,2-Dichloroethene	10.413	10	104	70.0 to 130.				
1,1-Dichloroethane	10.353	10	104	70.0 to 130.				
Methyl tert-Butyl Ether	9.787	10	97.9	70.0 to 130.				
Vinyl Acetate	10.485	10	105	70.0 to 130.				
Methyl Ethyl Ketone	10.811	10	108	70.0 to 130.				
cis-1,2-Dichloroethylene	10.476	10	105	70.0 to 130.				
Hexane	10.817	10	108	70.0 to 130.				
Ethyl Acetate	10.975	10	110	70.0 to 130.				
Chloroform	10.276	10	103	70.0 to 130.				
Tetrahydrofuran	10.625	10	106	70.0 to 130.				
1,2-Dichloroethane	10.144	10	101	70.0 to 130.				
1,1,1-Trichloroethane	9.961	10	99.6	70.0 to 130.				
Benzene	10.384	10	104	70.0 to 130.				
Carbon Tetrachloride	9.764	10	97.6	70.0 to 130.				
Cyclohexane	10.309	10	103	70.0 to 130.				
1,2-Dichloropropane	10.633	10	106	70.0 to 130.				
Bromodichloromethane	10.325	10	103	70.0 to 130.				
1,4-Dioxane	10.454	10	105	70.0 to 130.				
Trichloroethylene	10.276	10	103	70.0 to 130.				
2,2,4-Trimethylpentane	10.522	10	105	70.0 to 130.				
Methyl Methacrylate	10.571	10	106	70.0 to 130.				
Heptane	10.484	10	105	70.0 to 130.				
cis-1,3-Dichloropropene	10.447	10	104	70.0 to 130.				
trans-1,3-Dichloropropene	10.223	10	102	70.0 to 130.				
1,1,2-Trichloroethane	10.389	10	104	70.0 to 130.				
Methyl Isobutyl Ketone	10.869	10	109	70.0 to 130.				
Toluene	10.348	10	103	70.0 to 130.				
Methyl Butyl Ketone	10.694	10	107	70.0 to 130.				
Dibromochloromethane	10.21	10	102	70.0 to 130.				
1,2-Dibromoethane	10.382	10	104	70.0 to 130.				
Tetrachloroethylene	9.965	10	99.7	70.0 to 130.				
Chlorobenzene	10.121	10	101	70.0 to 130.				
Ethylbenzene	10.328	10	103	70.0 to 130.				
m & p-xylene	20.557	20	103	70.0 to 130.				
Bromoform	10.074	10	101	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589609

Sample: WG589609-7

Spikelot: IH742592

QC Type: CCV

Raw File:

Analysis date: 05/02/24 06:25:00

Approval Status: YES

Instrument: MS U

Samp Join ID: SJ15525802

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Styrene	10.425	10	104	70.0 to 130.				
1,1,2,2-Tetrachloroethane	10.705	10	107	70.0 to 130.				
o-Xylene	10.272	10	103	70.0 to 130.				
Nonane	10.559	10	106	70.0 to 130.				
Cumene	10.331	10	103	70.0 to 130.				
2-Chlorotoluene	10.053	10	101	70.0 to 130.				
n-Propylbenzene	10.27	10	103	70.0 to 130.				
4-Ethyltoluene	10.297	10	103	70.0 to 130.				
1,3,5-Trimethylbenzene	10.233	10	102	70.0 to 130.				
1,2,4-Trimethylbenzene	10.219	10	102	70.0 to 130.				
Benzyl Chloride	10.186	10	102	70.0 to 130.				
1,3-Dichlorobenzene	10.122	10	101	70.0 to 130.				
1,4-Dichlorobenzene	10.007	10	100	70.0 to 130.				
1,2-Dichlorobenzene	10.092	10	101	70.0 to 130.				
1,2,4-Trichlorobenzene	9.844	10	98.4	70.0 to 130.				
Naphthalene	10.069	10	101	70.0 to 130.				
Hexachloro-1,3-butadiene	9.575	10	95.8	70.0 to 130.				



CHAIN OF CUSTODY AND ANALYSIS REQUEST FORM

#2 Logm Chart
274031863058
Date: 04/30/24
Shipper: FEDEX
Initials: MMM
Prep: UNKNOWN

Send Report to Justin Langley, Chris Kuhlman
Company CTEH, LLC
Address 5120 North Shore Drive, North Little Rock, Arkansas 72118
Phone (501)801-8500
e-mail labresults@cteh.com; jlangley@cteh.com; ckuhlman@cteh.com
Accounting Send invoices to CTEHAP@montrose-env.com with Invoice # and Vendor name in subject line

CTEH Project # PROJ-040650

Turnaround Requested: ☒ Normal ☐ Same Day ☐ Next Day
☐ Two Day ☐ Other (Specify) 4D
Data Packet Requested: ☒ Standard Level II ☐ Other _____
Sample and Extract Retention/Disposal:
Dispose after 2X hold time ☒
Retain w/ storage fees after 2X hold time ☐

Lab Contact Information		* - All - 6L - Canister - mm							Method				Matrix		
Primary Sample Identification		Secondary Sample Identification	Sample Size	Units	Sample Start Date	Sample Start Time	Sample Stop Date	Sample Stop Time	Initials	EPA-Tox	TICS				A = air B = bulk S = soil SW = wipe T = tape W = water
SPAR0428MC001		10717/WR996	6	L	04/28/24	10:08	04/29/24	09:39	JK	X	X				A
SPAR0428MC002		33056/WR396	6	L	04/28/24	10:23	04/29/24	10:31	JK	X	X				A
SPAR0428MC003		48182/WR892	6	L	04/28/24	10:41	04/29/24	10:42	JK	X	X				A
SPAR0428MC004		10469/WR583	6	L	04/28/24	10:55	04/29/24	10:51	JK	X	X				A
SPAR0428MC005		207/WR880	6	L	04/28/24	11:14	04/29/24	11:09	JK	X	X				A
SPAR0428MC006		33806/WR696	6	L	04/28/24	11:35	04/29/24	11:59	JK	X	X				A
SPAR0428MC007		47313/WR1149	6	L	04/28/24	11:54	04/29/24	12:12	JK	X	X				A
SPAR0428MC008		47390/WR1172	6	L	04/28/24	12:03	04/29/24	12:24	JK	X	X				A
SPAR0428MC009		47296/WR1163	6	L	04/28/24	12:45	04/29/24	13:02	JK	X	X				A
SPAR0428MC010		215/WR1177	6	L	04/28/24	13:15	04/29/24	13:22	JK	X	X				A

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
Justin Langley / <u>[Signature]</u>	04/29/24 / 1720	FedEx	04/29/24 / 1720
<u>FedEx</u>	4/30/24 / 10:00	Megan M. McGrath <u>[Signature]</u>	4/30/24 / 11:45

Rec'd intact & accounted for? Yes or No
Rec'd w/custody seals intact? Yes No, NA
Rec'd in light sensitive packaging? Yes, No, NA
Rec'd with ice pack? Yes or No
Rec'd temperature compliant? Yes, No, NA

SDG # SPAR0428MC

Page 133 of 134 Report Reference: 3 Generated: 04/30/24 10:52

Page 1 of 2



CHAIN OF CUSTODY AND ANALYSIS REQUEST FORM

Send Report to	Justin Langley, Chris Kuhlman
Company	CTEH, LLC
Address	5120 North Shore Drive, North Little Rock, Arkansas 72118
Phone	(501)801-8500
e-mail	labresults@cteh.com; jlangley@cteh.com, ckuhlman@cteh.com
Accounting	Send invoices to CTEHAP@montrose-env.com with Invoice # and Vendor name in subject line

CTEH Project # PROJ-040650

Turnaround Requested: ☒ Normal ☐ Same Day ☐ Next Day
☐ Two Day ☐ Other (Specify)

Data Packet Requested: ☐ Standard Level II ☐ Other

Sample and Extract Retention/Disposal:

Dispose after 2X hold time ☒

Retain w/ storage fees after 2X hold time ☐

[illegible]

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	
Justin Langley / <i>[Signature]</i>	04/29/24 / 1720	Fed Ex	04/29/24 / 1720	Rec'd intact & accounted for? ☒ Yes or No Rec'd w/custody seals intact? ☒ Yes, No, NA Rec'd in light sensitive packaging? Yes, No, ☒ NA Rec'd with ice pack? Yes or ☒ No Rec'd temperature compliant? Yes, No, ☒ NA
<i>[Signature]</i> Fed Ex	4/30/24 1720	Megan M. McGrath	<i>[Signature]</i>	

Rec'd intact & accounted for? Yes or No
 Rec'd w/custody seals intact? Yes, No, NA
 Rec'd in light sensitive packaging? Yes, No, NA
 Rec'd with ice pack? Yes or No
 Rec'd temperature compliant? Yes, No, NA



Mr. Justin Langley
Center for Toxicology & Env. Health LLC
2000 Anders Lane
Kemah, TX 77565

May 22, 2024

Account# 13913

Login# L624844

Dear Mr. Langley:

Enclosed are the revised analytical results for the samples received by our laboratory on May 01, 2024. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

A handwritten signature in black ink that reads "Lisa Swab". The signature is written in a cursive, flowing style.

Lisa Swab
Laboratory Director

Enclosure(s)

COMMENT ANNEX

This report has been revised to change to our EPA reporting format, as per your request. Please note that this revision cancels and supersedes L624844 (report reference:1) dated 5/7/24 issued by SGS Galson.

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at <http://www.sgsgalson.com> in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead, Environmental Microbiology

State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - Liters	m3 - Cubic Meters	NS - Not Specified	ppbv - ppb Volume
LOQ - Limit of Quantitation	kg - Kilograms	ND - Not Detected	ppmv - ppm Volume
ft2 - Square Feet	cm2 - Square Centimeters	in2 - Square Inches	ng - Nanograms



GALSON

LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24
Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC001
Date Sampled : 04/30/24

Lab ID : L624844-1
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.39	0.67	J	1
Freon-12	0.05	0.26	0.16	0.79	0.41	2.0		1
Chloromethane	0.06	0.13	0.16	0.33	0.43	0.90		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.68	1.6		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	0.23	0.38	J	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.14	0.33	J	1
Acetone	4.8	11	13	30	300	710		25
Freon-11	0.04	0.25	0.16	0.90	0.20	1.1		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	3.8	9.2		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.



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Client ID : SPAR0429MC001
Date Sampled : 04/30/24

Lab ID : L624844-1
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.65	1.9		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	2.5	7.7		1
Methylene Chloride	0.07	0.26	0.16	0.56	0.13	0.43	J	1
Freon-113	0.05	0.38	0.16	1.2	0.067	0.51	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.16	0.58		1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	1.0	3.0		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.13	0.47	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.25	0.90		1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client ID : SPAR0429MC001
Date Sampled : 04/30/24

Lab ID : L624844-1
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	0.19	0.55		1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.12	0.37	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.070	0.44	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.055	0.26	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	0.059	0.24	J	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Client ID : SPAR0429MC001
Date Sampled : 04/30/24

Lab ID : L624844-1
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.53	2.0		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	0.056	0.24	J	1
m & p-xylene	0.10	0.45	0.32	1.4	0.17	0.73	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	0.068	0.29	J	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	0.068	0.30	J	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	0.25	1.2		1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.



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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
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FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24

Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC002
Date Sampled : 04/30/24

Lab ID : L624844-2
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.63	1.1		1
Freon-12	0.05	0.26	0.16	0.79	0.43	2.1		1
Chloromethane	0.06	0.13	0.16	0.33	0.48	1.0		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.74	1.8		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.074	0.17	J	1
Acetone	0.19	0.45	0.50	1.2	2.5	6.0		1
Freon-11	0.04	0.25	0.16	0.90	0.22	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.64	1.6		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Report ID : 1421454

Client ID : SPAR0429MC002
Date Sampled : 04/30/24

Lab ID : L624844-2
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.51	1.5		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.38	J	1
Freon-113	0.05	0.38	0.16	1.2	0.067	0.51	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.26	0.75		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.13	0.46	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.078	0.28	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Report ID : 1421454

Client ID : SPAR0429MC002
Date Sampled : 04/30/24

Lab ID : L624844-2
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.34	1.1		1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.067	0.42	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.055	0.26	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	0.058	0.24	J	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC002
Date Sampled : 04/30/24

Lab ID : L624844-2
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.32	1.2		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	0.075	0.33	J	1
m & p-xylene	0.10	0.45	0.32	1.4	0.11	0.47	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC002
Date Sampled : 04/30/24

Lab ID : L624844-2
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
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NYS DOH # : 11626

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Date Sampled : 30-APR-24
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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC003
Date Sampled : 04/30/24

Lab ID : L624844-3
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.73	1.2		1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.54	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	1.1	2.5		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.097	0.22	J	1
Acetone	0.19	0.45	0.50	1.2	4.1	9.7		1
Freon-11	0.04	0.25	0.16	0.90	0.31	1.7		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.44	1.1	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Report ID : 1421454

Client ID : SPAR0429MC003
Date Sampled : 04/30/24

Lab ID : L624844-3
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	1.1	3.4		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.12	0.40	J	1
Freon-113	0.05	0.38	0.16	1.2	0.072	0.55	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.10	0.36	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.51	1.5		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.18	0.63		1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.17	0.61		1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC003
Date Sampled : 04/30/24

Lab ID : L624844-3
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	0.15	0.43	J	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.25	0.78		1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.073	0.46	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.076	0.36	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	0.083	0.34	J	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.



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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24

Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC003
Date Sampled : 04/30/24

Lab ID : L624844-3
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.52	1.9		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	0.077	0.33	J	1
m & p-xylene	0.10	0.45	0.32	1.4	0.17	0.75	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	0.070	0.30	J	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24
Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC003
Date Sampled : 04/30/24

Lab ID : L624844-3
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	0.059	0.29	J	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Date Sampled : 30-APR-24
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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC004
Date Sampled : 04/30/24

Lab ID : L624844-4
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.40	0.69	J	1
Freon-12	0.05	0.26	0.16	0.79	0.42	2.1		1
Chloromethane	0.06	0.13	0.16	0.33	0.45	0.94		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.72	1.7		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.088	0.20	J	1
Acetone	0.19	0.45	0.50	1.2	3.0	7.1		1
Freon-11	0.04	0.25	0.16	0.90	0.20	1.1		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.18	0.44	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC004
Date Sampled : 04/30/24

Lab ID : L624844-4
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.56	1.7		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.10	0.36	J	1
Freon-113	0.05	0.38	0.16	1.2	0.065	0.50	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.11	0.37	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.25	0.74		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.098	0.35	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.13	0.47	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Sampled : 30-APR-24
Date Received : 01-MAY-24

Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC004
Date Sampled : 04/30/24

Lab ID : L624844-4
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.11	0.36	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.070	0.44	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.055	0.26	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	0.052	0.21	J	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Sampled : 30-APR-24
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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC004
Date Sampled : 04/30/24

Lab ID : L624844-4
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.26	0.99		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Sampled : 30-APR-24
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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC004
Date Sampled : 04/30/24

Lab ID : L624844-4
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Received : 01-MAY-24

Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC005
Date Sampled : 04/30/24

Lab ID : L624844-5
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.46	0.79	J	1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.48	0.99		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.97	2.3		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.071	0.16	J	1
Acetone	0.19	0.45	0.50	1.2	2.5	5.8		1
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.21	0.52	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Date Sampled : 30-APR-24
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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC005
Date Sampled : 04/30/24

Lab ID : L624844-5
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.49	1.5		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.38	J	1
Freon-113	0.05	0.38	0.16	1.2	0.069	0.53	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.22	0.63		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.14	0.48	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24

Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC005
Date Sampled : 04/30/24

Lab ID : L624844-5
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.13	0.42	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.072	0.45	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.077	0.36	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC005
Date Sampled : 04/30/24

Lab ID : L624844-5
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.24	0.90		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC005
Date Sampled : 04/30/24

Lab ID : L624844-5
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC006
Date Sampled : 04/30/24

Lab ID : L624844-6
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.76	1.3		1
Freon-12	0.05	0.26	0.16	0.79	0.44	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.47	0.98		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.80	1.9		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.069	0.16	J	1
Acetone	0.19	0.45	0.50	1.2	2.4	5.8		1
Freon-11	0.04	0.25	0.16	0.90	0.22	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.94	2.3		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Sampled : 30-APR-24
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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC006
Date Sampled : 04/30/24

Lab ID : L624844-6
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.54	1.6		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.36	J	1
Freon-113	0.05	0.38	0.16	1.2	0.068	0.52	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.19	0.56		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.13	0.47	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.069	0.25	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24
Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC006
Date Sampled : 04/30/24

Lab ID : L624844-6
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	0.054	0.26	J	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.25	0.78		1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.070	0.44	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.082	0.38	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	0.058	0.24	J	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC006
Date Sampled : 04/30/24

Lab ID : L624844-6
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.32	1.2		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	0.052	0.23	J	1
m & p-xylene	0.10	0.45	0.32	1.4	0.13	0.55	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Report ID : 1421454

Client ID : SPAR0429MC006
Date Sampled : 04/30/24

Lab ID : L624844-6
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC007
Date Sampled : 04/30/24

Lab ID : L624844-7
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.54	0.93		1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.54	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.73	1.7		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.081	0.19	J	1
Acetone	0.19	0.45	0.50	1.2	3.2	7.5		1
Freon-11	0.04	0.25	0.16	0.90	0.23	1.3		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	2.2	5.5		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
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FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24

Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC007
Date Sampled : 04/30/24

Lab ID : L624844-7
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.63	1.8		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.12	0.40	J	1
Freon-113	0.05	0.38	0.16	1.2	0.074	0.57	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.29	0.86		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.12	0.42	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.088	0.32	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC007
Date Sampled : 04/30/24

Lab ID : L624844-7
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.19	0.61		1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.073	0.46	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.066	0.31	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC007
Date Sampled : 04/30/24

Lab ID : L624844-7
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.36	1.4		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	0.13	0.54	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC007
Date Sampled : 04/30/24

Lab ID : L624844-7
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Date Received : 01-MAY-24

Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC008
Date Sampled : 04/30/24

Lab ID : L624844-8
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.56	0.96		1
Freon-12	0.05	0.26	0.16	0.79	0.46	2.3		1
Chloromethane	0.06	0.13	0.16	0.33	0.50	1.0		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.97	2.3		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.12	0.26	J	1
Acetone	0.19	0.45	0.50	1.2	3.1	7.4		1
Freon-11	0.04	0.25	0.16	0.90	0.22	1.3		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	3.9	9.5		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC008
Date Sampled : 04/30/24

Lab ID : L624844-8
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.50	1.5		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.12	0.41	J	1
Freon-113	0.05	0.38	0.16	1.2	0.078	0.60	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	0.18	0.55	J	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.25	0.73		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.14	0.51	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.11	0.38	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC008
Date Sampled : 04/30/24

Lab ID : L624844-8
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.18	0.59		1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.080	0.50	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.084	0.39	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	0.060	0.25	J	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC008
Date Sampled : 04/30/24

Lab ID : L624844-8
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.40	1.5		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	0.13	0.55	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24
Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC008
Date Sampled : 04/30/24

Lab ID : L624844-8
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC009
Date Sampled : 04/30/24

Lab ID : L624844-9
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.58	1.0		1
Freon-12	0.05	0.26	0.16	0.79	0.44	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.49	1.0		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.69	1.6		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.14	0.32	J	1
Acetone	0.19	0.45	0.50	1.2	3.3	7.9		1
Freon-11	0.04	0.25	0.16	0.90	0.22	1.3		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	2.0	4.9		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC009
Date Sampled : 04/30/24

Lab ID : L624844-9
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.66	1.9		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.12	0.40	J	1
Freon-113	0.05	0.38	0.16	1.2	0.076	0.58	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.095	0.33	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.30	0.87		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.11	0.39	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.14	0.51	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

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> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC009
Date Sampled : 04/30/24

Lab ID : L624844-9
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	0.095	0.28	J	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.19	0.61		1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.073	0.46	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.050	0.23	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC009
Date Sampled : 04/30/24

Lab ID : L624844-9
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.56	2.1		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	0.051	0.22	J	1
m & p-xylene	0.10	0.45	0.32	1.4	0.13	0.57	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC009
Date Sampled : 04/30/24

Lab ID : L624844-9
Date Analyzed : 05/03/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC010
Date Sampled : 04/30/24

Lab ID : L624844-10
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.45	0.77	J	1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.49	1.0		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.65	1.5		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.19	0.44		1
Acetone	4.8	11	13	30	400	950		25
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	6.1	15		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

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Report ID : 1421454

Client ID : SPAR0429MC010
Date Sampled : 04/30/24

Lab ID : L624844-10
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.72	2.1		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	3.2	9.6		1
Methylene Chloride	0.07	0.26	0.16	0.56	0.12	0.41	J	1
Freon-113	0.05	0.38	0.16	1.2	0.070	0.54	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.19	0.68		1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	1.4	4.1		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.11	0.40	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.25	0.91		1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

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Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC010
Date Sampled : 04/30/24

Lab ID : L624844-10
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.15	0.46	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.080	0.50	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.062	0.29	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	0.086	0.35	J	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24

Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC010
Date Sampled : 04/30/24

Lab ID : L624844-10
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.36	1.4		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	0.13	0.55	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	0.056	0.24	J	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

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Report ID : 1421454

Client ID : SPAR0429MC010
Date Sampled : 04/30/24

Lab ID : L624844-10
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	0.27	1.3		1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC011
Date Sampled : 04/30/24

Lab ID : L624844-11
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.48	0.83	J	1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.51	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.94	2.2		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.095	0.22	J	1
Acetone	0.19	0.45	0.50	1.2	3.0	7.0		1
Freon-11	0.04	0.25	0.16	0.90	0.22	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.26	0.63	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

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Client ID : SPAR0429MC011
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Lab ID : L624844-11
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.42	1.2		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.37	J	1
Freon-113	0.05	0.38	0.16	1.2	0.073	0.56	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	ND	ND	U	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.26	0.77		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.15	0.53	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.086	0.31	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Report ID : 1421454

Client ID : SPAR0429MC011
Date Sampled : 04/30/24

Lab ID : L624844-11
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.14	0.44	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.076	0.48	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.096	0.45	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	0.061	0.25	J	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client ID : SPAR0429MC011
Date Sampled : 04/30/24

Lab ID : L624844-11
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.41	1.6		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	0.057	0.25	J	1
m & p-xylene	0.10	0.45	0.32	1.4	0.19	0.84	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	0.073	0.32	J	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

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Lab ID : L624844-11
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
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Submitted by : CPH/BHB

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Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC012
Date Sampled : 04/30/24

Lab ID : L624844-12
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.46	0.80	J	1
Freon-12	0.05	0.26	0.16	0.79	0.43	2.1		1
Chloromethane	0.06	0.13	0.16	0.33	0.55	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	1.3	3.1		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	0.22	0.36	J	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.15	0.35	J	1
Acetone	0.19	0.45	0.50	1.2	6.0	14		1
Freon-11	0.04	0.25	0.16	0.90	0.23	1.3		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.91	2.2		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Client ID : SPAR0429MC012
Date Sampled : 04/30/24

Lab ID : L624844-12
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	1.0	3.0		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.16	0.55	J	1
Freon-113	0.05	0.38	0.16	1.2	0.071	0.54	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.16	0.58		1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.69	2.0		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.27	0.94		1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.083	0.30	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
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FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24

Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC012
Date Sampled : 04/30/24

Lab ID : L624844-12
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.13	0.42	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.077	0.48	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.065	0.30	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Lab ID : L624844-12
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.24	0.89		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

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Lab ID : L624844-12
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

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Client ID : SPAR0429MC013
Date Sampled : 04/30/24

Lab ID : L624844-13
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.39	0.67	J	1
Freon-12	0.05	0.26	0.16	0.79	0.43	2.1		1
Chloromethane	0.06	0.13	0.16	0.33	0.46	0.95		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.49	1.2		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.18	0.42		1
Acetone	0.19	0.45	0.50	1.2	2.4	5.8		1
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.53	1.3		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

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Lab ID : L624844-13
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Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.32	0.94		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.37	J	1
Freon-113	0.05	0.38	0.16	1.2	0.068	0.52	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.11	0.37	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.24	0.72		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.084	0.30	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Lab ID : L624844-13
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.087	0.28	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.072	0.45	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.11	0.50	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.31	1.2		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	0.12	0.51	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

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Lab ID : L624844-13
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Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

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LELAP Lab ID #04083

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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24
Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1421454

Client ID : SPAR0429MC014
Date Sampled : 04/30/24

Lab ID : L624844-14
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.44	0.76	J	1
Freon-12	0.05	0.26	0.16	0.79	0.42	2.1		1
Chloromethane	0.06	0.13	0.16	0.33	0.48	0.99		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.69	1.6		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.15	0.35	J	1
Acetone	0.19	0.45	0.50	1.2	3.4	8.2		1
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	1.3	3.2		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client ID : SPAR0429MC014
Date Sampled : 04/30/24

Lab ID : L624844-14
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.43	1.3		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.39	J	1
Freon-113	0.05	0.38	0.16	1.2	0.066	0.51	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.12	0.42	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.37	1.1		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.096	0.34	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.074	0.27	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Report ID : 1421454

Client ID : SPAR0429MC014
Date Sampled : 04/30/24

Lab ID : L624844-14
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.12	0.38	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.070	0.44	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.063	0.29	J	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	0.053	0.22	J	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Client ID : SPAR0429MC014
Date Sampled : 04/30/24

Lab ID : L624844-14
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.26	0.97		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Client ID : SPAR0429MC014
Date Sampled : 04/30/24

Lab ID : L624844-14
Date Analyzed : 05/04/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Date Received : 01-MAY-24
Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1422247

Client ID : SPAR0429MC001

Lab ID : L624844-1

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
3-Buten-1-ol, 3-methyl-	000763-32-6	11.87	1.1	3.9	J

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Date Sampled : 30-APR-24
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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1422247

Client ID : SPAR0429MC002

Lab ID : L624844-2

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
Ethane, 1,1-difluoro-	000075-37-6	3.92	3.0	8.0	J

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1422247

Client ID : SPAR0429MC003

Lab ID : L624844-3

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1422247

Client ID : SPAR0429MC004

Lab ID : L624844-4

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Report ID : 1422247

Client ID : SPAR0429MC005

Lab ID : L624844-5

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1422247

Client ID : SPAR0429MC006

Lab ID : L624844-6

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1422247

Client ID : SPAR0429MC007

Lab ID : L624844-7

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
Ethane, 1,1-difluoro-	000075-37-6	3.92	3.6	9.6	J

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1422247

Client ID : SPAR0429MC008

Lab ID : L624844-8

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1422247

Client ID : SPAR0429MC009

Lab ID : L624844-9

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
Ethane, 1,1-difluoro-	000075-37-6	3.92	4.5	12	J

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1422247

Client ID : SPAR0429MC010

Lab ID : L624844-10

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
3-Buten-1-ol, 3-methyl-	000763-32-6	11.87	1.8	6.3	J
Nonanal	000124-19-6	19.29	1.8	11	J

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



GALSON

LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24
Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1422247

Client ID : SPAR0429MC011

Lab ID : L624844-11

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



GALSON

LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
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FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24
Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1422247

Client ID : SPAR0429MC012

Lab ID : L624844-12

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24
Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1422247

Client ID : SPAR0429MC013

Lab ID : L624844-13

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 30-APR-24
Date Received : 01-MAY-24
Account No.: 13913
Login No. : L624844
Date Analyzed : 03-MAY-24 - 06-MAY-24
Report ID : 1422247

Client ID : SPAR0429MC014

Lab ID : L624844-14

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH/BHB

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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LABORATORY FOOTNOTE REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
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Client Name : Center for Toxicology & Env. Health LLC
Site :
Project No. : PROJ-040650

Date Sampled : 30-APR-24
Date Received: 01-MAY-24
Date Analyzed: 03-MAY-24 - 06-MAY-24

Account No.: 13913
Login No. : L624844

L624844 (Report ID: 1421454):

EPA qualifiers are as follows:

U - Compound was analyzed for, but not detected.

J - Compound was found greater than the MDL, but less than the LOQ.

B - Compound is found in the associated method blank as well as in the sample.

SOPs: in-vocs(44)

L624844-6 (Report ID: 1421454):

Sample canister was received at/near ambient pressure.

L624844 (Report ID: 1421454):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
1,1,2,2-Tetrachloroethane	+/-13.9%	96.1%
1,1,2-Trichloroethane	+/-12.7%	96.3%
1,1-Dichloroethane	+/-13.8%	97.9%
1,1-Dichloroethene	+/-14.9%	101%
1,2,4-Trichlorobenzene	+/-24.6%	102%
1,2,4-Trimethylbenzene	+/-16.2%	98.3%
1,2-Dibromoethane	+/-13.7%	97.6%
1,2-Dichlorobenzene	+/-14.7%	99.7%
1,2-Dichloroethane	+/-12.9%	96.7%
1,2-Dichloropropane	+/-14.3%	98.2%
1,3,5-Trimethylbenzene	+/-14.4%	98%
1,3-Dichlorobenzene	+/-15.3%	99.9%
1,4-Dichlorobenzene	+/-15.9%	99.3%
2,2,4-Trimethylpentane	+/-15.4%	98.6%
2-Chlorotoluene	+/-14.8%	99.4%
4-Ethyltoluene	+/-15.2%	102%
Acrolein	+/-25.2%	90.7%
Acrylonitrile	+/-19.1%	99.8%
Allyl Chloride	+/-22%	96.8%
Acetonitrile	+/-25%	98.1%
Acetone	+/-17.7%	95.6%
Bromodichloromethane	+/-13.7%	98.2%
Bromoform	+/-20.8%	109%
1,3-Butadiene	+/-17.2%	97.2%
n-Butane	+/-19.4%	92.7%
Benzene	+/-13.6%	97.7%



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Client Name : Center for Toxicology & Env. Health LLC
Site :
Project No. : PROJ-040650

Date Sampled : 30-APR-24
Date Received: 01-MAY-24
Date Analyzed: 03-MAY-24 - 06-MAY-24

Account No.: 13913
Login No. : L624844

Benzyl Chloride	+/-21%	112%
Carbon Disulfide	+/-15.3%	103%
Carbon Tetrachloride	+/-14.3%	101%
cis-1,2-Dichloroethylene	+/-14.2%	98.5%
cis-1,3-Dichloropropene	+/-17.7%	97.2%
Chlorobenzene	+/-12.7%	96.4%
Dibromochloromethane	+/-16.1%	104%
Chloroform	+/-12.4%	97.9%
Cumene	+/-13.4%	91.2%
Cyclohexane	+/-17.8%	101%
1,4-Dioxane	+/-16.5%	100%
Ethyl Acetate	+/-19.6%	97.8%
Ethylbenzene	+/-15.2%	96.8%
Chloroethane	+/-21%	97.6%
Ethyl Bromide	+/-12.6%	97.6%
Freon-11	+/-12.8%	97.3%
Freon-113	+/-12.6%	100%
Freon-114	+/-14.4%	91.3%
Freon-12	+/-14%	97.3%
Heptane	+/-19.2%	97.2%
Hexachloro-1,3-butadiene	+/-18.8%	95%
Isopropyl Alcohol	+/-18.3%	90.1%
1,1,1-Trichloroethane	+/-12.8%	95.4%
Bromomethane	+/-15%	98.1%
Chloromethane	+/-21.6%	93.4%
Methylene Chloride	+/-14%	97.9%
Methyl Ethyl Ketone	+/-18.8%	97.2%
Methyl Methacrylate	+/-17.2%	98%
Methyl Isobutyl Ketone	+/-21.4%	97.1%
Methyl Butyl Ketone	+/-24.8%	96.1%
m & p-xylene	+/-15%	98.4%
Methyl tert-Butyl Ether	+/-16.3%	101%
Naphthalene	+/-25%	106%
Hexane	+/-18%	100%
Nonane	+/-17.8%	99.1%
n-Propylbenzene	+/-14.8%	98.6%
o-Xylene	+/-15%	97.8%
Propylene	+/-21.4%	93%
Pentane	+/-20.6%	96.7%
Styrene	+/-16.4%	101%
Trichloroethylene	+/-12.4%	97.8%
tert-Butyl Alcohol	+/-16.3%	98.9%
Tetrachloroethylene	+/-13.6%	97.4%
Tetrahydrofuran	+/-21.6%	106%
Toluene	+/-16.5%	99.2%



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Client Name : Center for Toxicology & Env. Health LLC
Site :
Project No. : PROJ-040650

Date Sampled : 30-APR-24
Date Received: 01-MAY-24
Date Analyzed: 03-MAY-24 - 06-MAY-24

Account No.: 13913
Login No. : L624844

trans-1,2-Dichloroethene	+/-14.4%	98.7%
trans-1,3-Dichloropropene	+/-17.1%	111%
Vinyl Acetate	+/-23.8%	85.4%
Vinyl Bromide	+/-15.7%	100%
Vinyl Chloride	+/-17.5%	96.7%

L624844 (Report ID: 1422247):

Note: Any detected siloxanes are always deleted from TIC results, as they may be artifacts contributed by the sampling/chromatographic system.
Non-target compounds detected in any samples are tentatively identified by using a search of the NIST/EPA Mass Spectral Library, which contains nearly two hundred thousand compounds. Compounds not detected will not be listed on the report. Compounds with very low quality matches will be reported as "unknown."
SOPs: in-vocs(44)
Tentatively Identified Compounds (TICS) are estimated values.
TICS are calculated using an average response factor of 1 for all compounds.



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GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-6

Spikelot: IH742592

QC Type: CCV

Raw File:

Analysis date: 05/06/24 14:44:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537472

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	7.279	10	72.8	70.0 to 130.				
Freon-12	9.34	10	93.4	70.0 to 130.				
Chloromethane	7.602	10	76	70.0 to 130.				
Freon-114	8.906	10	89.1	70.0 to 130.				
Vinyl Chloride	8.442	10	84.4	70.0 to 130.				
1,3-Butadiene	7.928	10	79.3	70.0 to 130.				
n-Butane	7.042	10	70.4	70.0 to 130.				
Bromomethane	8.95	10	89.5	70.0 to 130.				
Chloroethane	8.354	10	83.5	70.0 to 130.				
Acetonitrile	7.132	10	71.3	70.0 to 130.				
Vinyl Bromide	9.348	10	93.5	70.0 to 130.				
Acrolein	7.764	10	77.6	70.0 to 130.				
Acetone	7.711	10	77.1	70.0 to 130.				
Freon-11	9.603	10	96	70.0 to 130.				
Isopropyl Alcohol	7.676	10	76.8	70.0 to 130.				
Acrylonitrile	7.894	10	78.9	70.0 to 130.				
Pentane	7.489	10	74.9	70.0 to 130.				
Ethyl Bromide	9.065	10	90.7	70.0 to 130.				
1,1-Dichloroethene	8.607	10	86.1	70.0 to 130.				
tert-Butyl Alcohol	8.34	10	83.4	70.0 to 130.				
Methylene Chloride	8.714	10	87.1	70.0 to 130.				
Freon-113	9.197	10	92	70.0 to 130.				
Carbon Disulfide	8.78	10	87.8	70.0 to 130.				
Allyl Chloride	7.549	10	75.5	70.0 to 130.				
trans-1,2-Dichloroethene	8.889	10	88.9	70.0 to 130.				
1,1-Dichloroethane	8.925	10	89.3	70.0 to 130.				
Methyl tert-Butyl Ether	8.693	10	86.9	70.0 to 130.				
Vinyl Acetate	7.278	10	72.8	70.0 to 130.				
Methyl Ethyl Ketone	7.799	10	78	70.0 to 130.				
cis-1,2-Dichloroethylene	8.73	10	87.3	70.0 to 130.				
Hexane	8.26	10	82.6	70.0 to 130.				
Ethyl Acetate	7.74	10	77.4	70.0 to 130.				
Chloroform	8.993	10	89.9	70.0 to 130.				
Tetrahydrofuran	7.652	10	76.5	70.0 to 130.				
1,2-Dichloroethane	9.168	10	91.7	70.0 to 130.				
1,1,1-Trichloroethane	9.593	10	95.9	70.0 to 130.				
Benzene	9.146	10	91.5	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-6

Spikelot: IH742592

QC Type: CCV

Raw File:

Analysis date: 05/06/24 14:44:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537472

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Tetrachloride	9.69	10	96.9	70.0 to 130.				
Cyclohexane	8.938	10	89.4	70.0 to 130.				
1,2-Dichloropropane	9.097	10	91	70.0 to 130.				
Bromodichloromethane	9.896	10	99	70.0 to 130.				
1,4-Dioxane	9.528	10	95.3	70.0 to 130.				
Trichloroethylene	9.482	10	94.8	70.0 to 130.				
2,2,4-Trimethylpentane	8.769	10	87.7	70.0 to 130.				
Methyl Methacrylate	9.061	10	90.6	70.0 to 130.				
Heptane	8.121	10	81.2	70.0 to 130.				
cis-1,3-Dichloropropene	9.398	10	94	70.0 to 130.				
trans-1,3-Dichloropropene	9.449	10	94.5	70.0 to 130.				
1,1,2-Trichloroethane	9.638	10	96.4	70.0 to 130.				
Methyl Isobutyl Ketone	8.253	10	82.5	70.0 to 130.				
Toluene	9.292	10	92.9	70.0 to 130.				
Methyl Butyl Ketone	8.267	10	82.7	70.0 to 130.				
Dibromochloromethane	10.198	10	102	70.0 to 130.				
1,2-Dibromoethane	9.845	10	98.5	70.0 to 130.				
Tetrachloroethylene	9.805	10	98.1	70.0 to 130.				
Chlorobenzene	9.849	10	98.5	70.0 to 130.				
Ethylbenzene	9.586	10	95.9	70.0 to 130.				
m & p-xylene	19.318	20	96.6	70.0 to 130.				
Bromoform	10.139	10	101	70.0 to 130.				
Styrene	9.894	10	98.9	70.0 to 130.				
1,1,2,2-Tetrachloroethane	9.408	10	94.1	70.0 to 130.				
o-Xylene	9.594	10	95.9	70.0 to 130.				
Nonane	8.797	10	88	70.0 to 130.				
Cumene	9.916	10	99.2	70.0 to 130.				
2-Chlorotoluene	9.745	10	97.5	70.0 to 130.				
n-Propylbenzene	9.914	10	99.1	70.0 to 130.				
4-Ethyltoluene	10.086	10	101	70.0 to 130.				
1,3,5-Trimethylbenzene	10.015	10	100	70.0 to 130.				
1,2,4-Trimethylbenzene	10.144	10	101	70.0 to 130.				
Benzyl Chloride	9.728	10	97.3	70.0 to 130.				
1,3-Dichlorobenzene	10.329	10	103	70.0 to 130.				
1,4-Dichlorobenzene	10.319	10	103	70.0 to 130.				
1,2-Dichlorobenzene	10.308	10	103	70.0 to 130.				
1,2,4-Trichlorobenzene	10.85	10	109	70.0 to 130.				



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GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-6

Spikelot: IH742592

QC Type: CCV

Raw File:

Analysis date: 05/06/24 14:44:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537472

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Naphthalene	10.948	10	109	70.0 to 130.				
Hexachloro-1,3-butadiene	10.576	10	106	70.0 to 130.				

Sample: WG589996-2

Spikelot: IH742758

QC Type: LCS

Raw File:

Analysis date: 05/06/24 15:14:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537473

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	7.43	10	74.3	70.0 to 130.				
Freon-12	9.487	10	94.9	70.0 to 130.				
Chloromethane	7.688	10	76.9	70.0 to 130.				
Freon-114	8.774	10	87.7	70.0 to 130.				
Vinyl Chloride	8.755	10	87.6	70.0 to 130.				
1,3-Butadiene	8.504	10	85	70.0 to 130.				
n-Butane	7.442	10	74.4	70.0 to 130.				
Bromomethane	9.782	10	97.8	70.0 to 130.				
Chloroethane	9.033	10	90.3	70.0 to 130.				
Acetonitrile	7.583	10	75.8	70.0 to 130.				
Vinyl Bromide	9.975	10	99.8	70.0 to 130.				
Acrolein	6.917	10	69.2	70.0 to 130.				
Acetone	7.991	10	79.9	70.0 to 130.				
Freon-11	9.733	10	97.3	70.0 to 130.				
Isopropyl Alcohol	7.354	10	73.5	70.0 to 130.				
Acrylonitrile	8.289	10	82.9	70.0 to 130.				
Pentane	7.918	10	79.2	70.0 to 130.				
Ethyl Bromide	9.33	10	93.3	70.0 to 130.				
1,1-Dichloroethene	9.097	10	91	70.0 to 130.				
tert-Butyl Alcohol	8.413	10	84.1	70.0 to 130.				
Methylene Chloride	9.09	10	90.9	70.0 to 130.				
Freon-113	9.552	10	95.5	70.0 to 130.				
Carbon Disulfide	9.337	10	93.4	70.0 to 130.				
Allyl Chloride	8.098	10	81	70.0 to 130.				
trans-1,2-Dichloroethene	9.182	10	91.8	70.0 to 130.				
1,1-Dichloroethane	9.314	10	93.1	70.0 to 130.				
Methyl tert-Butyl Ether	9.077	10	90.8	70.0 to 130.				
Vinyl Acetate	6.567	10	65.7	70.0 to 130.				
Methyl Ethyl Ketone	8.052	10	80.5	70.0 to 130.				



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GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-2

Spikelot: IH742758

QC Type: LCS

Raw File:

Analysis date: 05/06/24 15:14:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537473

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
cis-1,2-Dichloroethylene	8.841	10	88.4	70.0 to 130.				
Hexane	8.706	10	87.1	70.0 to 130.				
Ethyl Acetate	8.275	10	82.8	70.0 to 130.				
Chloroform	9.24	10	92.4	70.0 to 130.				
Tetrahydrofuran	8.765	10	87.7	70.0 to 130.				
1,2-Dichloroethane	9.229	10	92.3	70.0 to 130.				
1,1,1-Trichloroethane	9.293	10	92.9	70.0 to 130.				
Benzene	9.059	10	90.6	70.0 to 130.				
Carbon Tetrachloride	9.762	10	97.6	70.0 to 130.				
Cyclohexane	9.318	10	93.2	70.0 to 130.				
1,2-Dichloropropane	8.937	10	89.4	70.0 to 130.				
Bromodichloromethane	9.584	10	95.8	70.0 to 130.				
1,4-Dioxane	9.686	10	96.9	70.0 to 130.				
Trichloroethylene	9.52	10	95.2	70.0 to 130.				
2,2,4-Trimethylpentane	8.968	10	89.7	70.0 to 130.				
Methyl Methacrylate	8.982	10	89.8	70.0 to 130.				
Heptane	8.201	10	82	70.0 to 130.				
cis-1,3-Dichloropropene	8.591	10	85.9	70.0 to 130.				
trans-1,3-Dichloropropene	10.107	10	101	70.0 to 130.				
1,1,2-Trichloroethane	9.428	10	94.3	70.0 to 130.				
Methyl Isobutyl Ketone	8.282	10	82.8	70.0 to 130.				
Toluene	9.357	10	93.6	70.0 to 130.				
Methyl Butyl Ketone	8.246	10	82.5	70.0 to 130.				
Dibromochloromethane	10.049	10	100	70.0 to 130.				
1,2-Dibromoethane	9.523	10	95.2	70.0 to 130.				
Tetrachloroethylene	9.639	10	96.4	70.0 to 130.				
Chlorobenzene	9.504	10	95	70.0 to 130.				
Ethylbenzene	9.34	10	93.4	70.0 to 130.				
m & p-xylene	18.93	20	94.7	70.0 to 130.				
Bromoform	10.065	10	101	70.0 to 130.				
Styrene	9.52	10	95.2	70.0 to 130.				
1,1,2,2-Tetrachloroethane	8.952	10	89.5	70.0 to 130.				
o-Xylene	9.497	10	95	70.0 to 130.				
Nonane	8.707	10	87.1	70.0 to 130.				
Cumene	8.992	10	89.9	70.0 to 130.				
2-Chlorotoluene	9.492	10	94.9	70.0 to 130.				
n-Propylbenzene	9.503	10	95	70.0 to 130.				



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GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-2

Spikelot: IH742758

QC Type: LCS

Raw File:

Analysis date: 05/06/24 15:14:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537473

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
4-Ethyltoluene	9.921	10	99.2	70.0 to 130.				
1,3,5-Trimethylbenzene	9.647	10	96.5	70.0 to 130.				
1,2,4-Trimethylbenzene	9.575	10	95.8	70.0 to 130.				
Benzyl Chloride	9.256	10	92.6	70.0 to 130.				
1,3-Dichlorobenzene	9.689	10	96.9	70.0 to 130.				
1,4-Dichlorobenzene	9.768	10	97.7	70.0 to 130.				
1,2-Dichlorobenzene	9.753	10	97.5	70.0 to 130.				
1,2,4-Trichlorobenzene	9.514	10	95.1	70.0 to 130.				
Naphthalene	9.884	10	98.8	70.0 to 130.				
Hexachloro-1,3-butadiene	9.12	10	91.2	70.0 to 130.				

Sample: WG589996-3

Spikelot: IH742758

QC Type: LCSD

Raw File:

Analysis date: 05/06/24 15:44:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537475

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	7.573	10	75.7	70.0 to 130.			1.91	-25 to 25.0
Freon-12	9.623	10	96.2	70.0 to 130.			1.42	-25 to 25.0
Chloromethane	7.951	10	79.5	70.0 to 130.			3.36	-25 to 25.0
Freon-114	8.925	10	89.3	70.0 to 130.			1.71	-25 to 25.0
Vinyl Chloride	8.994	10	89.9	70.0 to 130.			2.69	-25 to 25.0
1,3-Butadiene	8.701	10	87	70.0 to 130.			2.29	-25 to 25.0
n-Butane	7.642	10	76.4	70.0 to 130.			2.65	-25 to 25.0
Bromomethane	9.696	10	97	70.0 to 130.			.883	-25 to 25.0
Chloroethane	9.259	10	92.6	70.0 to 130.			2.47	-25 to 25.0
Acetonitrile	7.599	10	76	70.0 to 130.			.211	-25 to 25.0
Vinyl Bromide	9.966	10	99.7	70.0 to 130.			.0903	-25 to 25.0
Acrolein	7.047	10	70.5	70.0 to 130.			1.86	-25 to 25.0
Acetone	8.033	10	80.3	70.0 to 130.			.524	-25 to 25.0
Freon-11	9.886	10	98.9	70.0 to 130.			1.56	-25 to 25.0
Isopropyl Alcohol	7.28	10	72.8	70.0 to 130.			1.01	-25 to 25.0
Acrylonitrile	8.454	10	84.5	70.0 to 130.			1.97	-25 to 25.0
Pentane	8.08	10	80.8	70.0 to 130.			2.03	-25 to 25.0
Ethyl Bromide	9.542	10	95.4	70.0 to 130.			2.25	-25 to 25.0
1,1-Dichloroethene	9.26	10	92.6	70.0 to 130.			1.78	-25 to 25.0
tert-Butyl Alcohol	8.552	10	85.5	70.0 to 130.			1.64	-25 to 25.0
Methylene Chloride	9.126	10	91.3	70.0 to 130.			.395	-25 to 25.0



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-3

Spikelet: IH742758

QC Type: LCSD

Raw File:

Analysis date: 05/06/24 15:44:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537475

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Freon-113	9.579	10	95.8	70.0 to 130.			.282	-25 to 25.0
Carbon Disulfide	9.36	10	93.6	70.0 to 130.			.246	-25 to 25.0
Allyl Chloride	8.023	10	80.2	70.0 to 130.			.93	-25 to 25.0
trans-1,2-Dichloroethene	9.292	10	92.9	70.0 to 130.			1.19	-25 to 25.0
1,1-Dichloroethane	9.245	10	92.5	70.0 to 130.			.744	-25 to 25.0
Methyl tert-Butyl Ether	9.789	10	97.9	70.0 to 130.			7.55	-25 to 25.0
Vinyl Acetate	6.712	10	67.1	70.0 to 130.			2.18	-25 to 25.0
Methyl Ethyl Ketone	8.241	10	82.4	70.0 to 130.			2.32	-25 to 25.0
cis-1,2-Dichloroethylene	8.926	10	89.3	70.0 to 130.			.957	-25 to 25.0
Hexane	8.972	10	89.7	70.0 to 130.			3.01	-25 to 25.0
Ethyl Acetate	8.28	10	82.8	70.0 to 130.			.0604	-25 to 25.0
Chloroform	9.332	10	93.3	70.0 to 130.			.991	-25 to 25.0
Tetrahydrofuran	8.895	10	89	70.0 to 130.			1.47	-25 to 25.0
1,2-Dichloroethane	9.436	10	94.4	70.0 to 130.			2.22	-25 to 25.0
1,1,1-Trichloroethane	9.226	10	92.3	70.0 to 130.			.724	-25 to 25.0
Benzene	8.988	10	89.9	70.0 to 130.			.787	-25 to 25.0
Carbon Tetrachloride	9.723	10	97.2	70.0 to 130.			.4	-25 to 25.0
Cyclohexane	9.189	10	91.9	70.0 to 130.			1.39	-25 to 25.0
1,2-Dichloropropane	8.875	10	88.8	70.0 to 130.			.696	-25 to 25.0
Bromodichloromethane	9.499	10	95	70.0 to 130.			.891	-25 to 25.0
1,4-Dioxane	9.55	10	95.5	70.0 to 130.			1.41	-25 to 25.0
Trichloroethylene	9.28	10	92.8	70.0 to 130.			2.55	-25 to 25.0
2,2,4-Trimethylpentane	8.897	10	89	70.0 to 130.			.795	-25 to 25.0
Methyl Methacrylate	8.751	10	87.5	70.0 to 130.			2.61	-25 to 25.0
Heptane	7.991	10	79.9	70.0 to 130.			2.59	-25 to 25.0
cis-1,3-Dichloropropene	8.519	10	85.2	70.0 to 130.			.842	-25 to 25.0
trans-1,3-Dichloropropene	10.101	10	101	70.0 to 130.			.0594	-25 to 25.0
1,1,2-Trichloroethane	9.267	10	92.7	70.0 to 130.			1.72	-25 to 25.0
Methyl Isobutyl Ketone	8.276	10	82.8	70.0 to 130.			.0725	-25 to 25.0
Toluene	9.482	10	94.8	70.0 to 130.			1.33	-25 to 25.0
Methyl Butyl Ketone	8.248	10	82.5	70.0 to 130.			.0243	-25 to 25.0
Dibromochloromethane	10.071	10	101	70.0 to 130.			.219	-25 to 25.0
1,2-Dibromoethane	9.593	10	95.9	70.0 to 130.			.732	-25 to 25.0
Tetrachloroethylene	9.506	10	95.1	70.0 to 130.			1.39	-25 to 25.0
Chlorobenzene	9.562	10	95.6	70.0 to 130.			.608	-25 to 25.0
Ethylbenzene	9.335	10	93.4	70.0 to 130.			.0535	-25 to 25.0
m & p-xylene	18.937	20	94.7	70.0 to 130.			.037	-25 to 25.0



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-3

Spikelot: IH742758

QC Type: LCSD

Raw File:

Analysis date: 05/06/24 15:44:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537475

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Bromoform	9.953	10	99.5	70.0 to 130.			1.12	-25 to 25.0
Styrene	9.612	10	96.1	70.0 to 130.			.962	-25 to 25.0
1,1,2,2-Tetrachloroethane	8.989	10	89.9	70.0 to 130.			.412	-25 to 25.0
o-Xylene	9.405	10	94.1	70.0 to 130.			.973	-25 to 25.0
Nonane	8.718	10	87.2	70.0 to 130.			.126	-25 to 25.0
Cumene	8.994	10	89.9	70.0 to 130.			.0222	-25 to 25.0
2-Chlorotoluene	9.503	10	95	70.0 to 130.			.116	-25 to 25.0
n-Propylbenzene	9.641	10	96.4	70.0 to 130.			1.44	-25 to 25.0
4-Ethyltoluene	10.024	10	100	70.0 to 130.			1.03	-25 to 25.0
1,3,5-Trimethylbenzene	9.751	10	97.5	70.0 to 130.			1.07	-25 to 25.0
1,2,4-Trimethylbenzene	9.553	10	95.5	70.0 to 130.			.23	-25 to 25.0
Benzyl Chloride	9.321	10	93.2	70.0 to 130.			.7	-25 to 25.0
1,3-Dichlorobenzene	9.886	10	98.9	70.0 to 130.			2.01	-25 to 25.0
1,4-Dichlorobenzene	9.815	10	98.2	70.0 to 130.			.48	-25 to 25.0
1,2-Dichlorobenzene	9.782	10	97.8	70.0 to 130.			.297	-25 to 25.0
1,2,4-Trichlorobenzene	9.829	10	98.3	70.0 to 130.			3.26	-25 to 25.0
Naphthalene	10.046	10	100	70.0 to 130.			1.63	-25 to 25.0
Hexachloro-1,3-butadiene	9.321	10	93.2	70.0 to 130.			2.18	-25 to 25.0

Sample: WG589996-4

Spikelot: IH742755

QC Type: DLS

Raw File:

Analysis date: 05/06/24 16:43:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537474

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Freon-12	.151	.16	94.4	60.0 to 140.				
Chloromethane	.123	.16	76.9	60.0 to 140.				
Freon-114	.154	.16	96.3	60.0 to 140.				
Vinyl Chloride	.146	.16	91.3	60.0 to 140.				
1,3-Butadiene	.126	.16	78.8	60.0 to 140.				
n-Butane	.129	.16	80.6	60.0 to 140.				
Bromomethane	.178	.16	111	60.0 to 140.				
Chloroethane	.132	.16	82.5	60.0 to 140.				
Vinyl Bromide	.149	.16	93.1	60.0 to 140.				
Acrolein	.138	.16	86.3	60.0 to 140.				
Freon-11	.159	.16	99.4	60.0 to 140.				
Acrylonitrile	.134	.16	83.8	60.0 to 140.				
Pentane	.137	.16	85.6	60.0 to 140.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-4

Spikelot: IH742755

QC Type: DLS

Raw File:

Analysis date: 05/06/24 16:43:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537474

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Ethyl Bromide	.133	.16	83.1	60.0 to 140.				
1,1-Dichloroethene	.151	.16	94.4	60.0 to 140.				
Methylene Chloride	.137	.16	85.6	60.0 to 140.				
Freon-113	.156	.16	97.5	60.0 to 140.				
Allyl Chloride	.15	.16	93.8	60.0 to 140.				
trans-1,2-Dichloroethene	.141	.16	88.1	60.0 to 140.				
1,1-Dichloroethane	.145	.16	90.6	60.0 to 140.				
Methyl tert-Butyl Ether	.156	.16	97.5	60.0 to 140.				
Vinyl Acetate	.121	.16	75.6	60.0 to 140.				
Methyl Ethyl Ketone	.129	.16	80.6	60.0 to 140.				
cis-1,2-Dichloroethylene	.147	.16	91.9	60.0 to 140.				
Hexane	.15	.16	93.8	60.0 to 140.				
Ethyl Acetate	.134	.16	83.8	60.0 to 140.				
Chloroform	.164	.16	103	60.0 to 140.				
Tetrahydrofuran	.113	.16	70.6	60.0 to 140.				
1,2-Dichloroethane	.152	.16	95	60.0 to 140.				
1,1,1-Trichloroethane	.149	.16	93.1	60.0 to 140.				
Benzene	.163	.16	102	60.0 to 140.				
Carbon Tetrachloride	.153	.16	95.6	60.0 to 140.				
Cyclohexane	.128	.16	80	60.0 to 140.				
1,2-Dichloropropane	.122	.16	76.3	60.0 to 140.				
Bromodichloromethane	.149	.16	93.1	60.0 to 140.				
1,4-Dioxane	.121	.16	75.6	60.0 to 140.				
Trichloroethylene	.132	.16	82.5	60.0 to 140.				
2,2,4-Trimethylpentane	.143	.16	89.4	60.0 to 140.				
Methyl Methacrylate	.114	.16	71.3	60.0 to 140.				
Heptane	.142	.16	88.8	60.0 to 140.				
cis-1,3-Dichloropropene	.139	.16	86.9	60.0 to 140.				
trans-1,3-Dichloropropene	.131	.16	81.9	60.0 to 140.				
1,1,2-Trichloroethane	.166	.16	104	60.0 to 140.				
Methyl Isobutyl Ketone	.121	.16	75.6	60.0 to 140.				
Toluene	.152	.16	95	60.0 to 140.				
Methyl Butyl Ketone	.114	.16	71.3	60.0 to 140.				
Dibromochloromethane	.147	.16	91.9	60.0 to 140.				
1,2-Dibromoethane	.137	.16	85.6	60.0 to 140.				
Tetrachloroethylene	.14	.16	87.5	60.0 to 140.				
Chlorobenzene	.168	.16	105	60.0 to 140.				



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GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-4

Spikelot: IH742755

QC Type: DLS

Raw File:

Analysis date: 05/06/24 16:43:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537474

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Ethylbenzene	.16	.16	100	60.0 to 140.				
m & p-xylene	.304	.32	95	60.0 to 140.				
Bromoform	.144	.16	90	60.0 to 140.				
Styrene	.158	.16	98.8	60.0 to 140.				
1,1,2,2-Tetrachloroethane	.15	.16	93.8	60.0 to 140.				
o-Xylene	.165	.16	103	60.0 to 140.				
Nonane	.142	.16	88.8	60.0 to 140.				
Cumene	.153	.16	95.6	60.0 to 140.				
2-Chlorotoluene	.15	.16	93.8	60.0 to 140.				
n-Propylbenzene	.156	.16	97.5	60.0 to 140.				
4-Ethyltoluene	.163	.16	102	60.0 to 140.				
1,3,5-Trimethylbenzene	.149	.16	93.1	60.0 to 140.				
1,2,4-Trimethylbenzene	.154	.16	96.3	60.0 to 140.				
Benzyl Chloride	.11	.16	68.8	60.0 to 140.				
1,3-Dichlorobenzene	.169	.16	106	60.0 to 140.				
1,4-Dichlorobenzene	.147	.16	91.9	60.0 to 140.				
1,2-Dichlorobenzene	.155	.16	96.9	60.0 to 140.				
1,2,4-Trichlorobenzene	.148	.16	92.5	60.0 to 140.				
Naphthalene	.172	.16	108	60.0 to 140.				
Hexachloro-1,3-butadiene	.152	.16	95	60.0 to 140.				

Sample: WG589996-5

Spikelot: IH742755

QC Type: DLS

Raw File:

Analysis date: 05/06/24 17:12:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537476

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	.436	.5	87.2	60.0 to 140.				
Acetonitrile	.412	.5	82.4	60.0 to 140.				
Acetone	.467	.5	93.4	60.0 to 140.				
Isopropyl Alcohol	.412	.5	82.4	60.0 to 140.				
tert-Butyl Alcohol	.458	.5	91.6	60.0 to 140.				
Carbon Disulfide	.472	.5	94.4	60.0 to 140.				

Sample: WG589996-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/06/24 17:42:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537523



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/06/24 17:42:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537523

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	0	<0.5						
Freon-12	0	<0.16						
Chloromethane	0	<0.16						
Freon-114	0	<0.16						
Vinyl Chloride	0	<0.16						
1,3-Butadiene	0	<0.16						
n-Butane	0	<0.16						
Bromomethane	0	<0.16						
Chloroethane	0	<0.16						
Acetonitrile	0	<0.5						
Vinyl Bromide	0	<0.16						
Acrolein	0	<0.16						
Acetone	0	<0.5						
Freon-11	0	<0.16						
Isopropyl Alcohol	0	<0.50						
Acrylonitrile	0	<0.16						
Pentane	0	<0.16						
Ethyl Bromide	0	<0.16						
1,1-Dichloroethene	0	<0.16						
tert-Butyl Alcohol	0	<0.5						
Methylene Chloride	0	<0.16						
Freon-113	0	<0.16						
Carbon Disulfide	0	<0.5						
Allyl Chloride	0	<0.16						
trans-1,2-Dichloroethene	0	<0.16						
1,1-Dichloroethane	0	<0.16						
Methyl tert-Butyl Ether	0	<0.16						
Vinyl Acetate	0	<0.16						
Methyl Ethyl Ketone	0	<0.16						
cis-1,2-Dichloroethylene	0	<0.16						
Hexane	0	<0.16						
Ethyl Acetate	0	<0.16						
Chloroform	0	<0.16						
Tetrahydrofuran	0	<0.16						
1,2-Dichloroethane	0	<0.16						
1,1,1-Trichloroethane	0	<0.16						
Benzene	0	<0.16						



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GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/06/24 17:42:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537523

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Tetrachloride	0	<0.16						
Cyclohexane	0	<0.16						
1,2-Dichloropropane	0	<0.16						
Bromodichloromethane	0	<0.16						
1,4-Dioxane	0	<0.16						
Trichloroethylene	0	<0.16						
2,2,4-Trimethylpentane	0	<0.16						
Methyl Methacrylate	0	<0.16						
Heptane	0	<0.16						
cis-1,3-Dichloropropene	0	<0.16						
trans-1,3-Dichloropropene	0	<0.16						
1,1,2-Trichloroethane	0	<0.16						
Methyl Isobutyl Ketone	0	<0.16						
Toluene	0	<0.16						
Methyl Butyl Ketone	0	<0.16						
Dibromochloromethane	0	<0.16						
1,2-Dibromoethane	0	<0.16						
Tetrachloroethylene	0	<0.16						
Chlorobenzene	0	<0.16						
Ethylbenzene	0	<0.16						
m & p-xylene	0	<0.32						
Bromoform	0	<0.16						
Styrene	0	<0.16						
1,1,2,2-Tetrachloroethane	0	<0.16						
o-Xylene	0	<0.16						
Nonane	0	<0.16						
Cumene	0	<0.16						
2-Chlorotoluene	0	<0.16						
n-Propylbenzene	0	<0.16						
4-Ethyltoluene	0	<0.16						
1,3,5-Trimethylbenzene	0	<0.16						
1,2,4-Trimethylbenzene	0	<0.16						
Benzyl Chloride	0	<0.16						
1,3-Dichlorobenzene	0	<0.16						
1,4-Dichlorobenzene	0	<0.16						
1,2-Dichlorobenzene	0	<0.16						
1,2,4-Trichlorobenzene	0	<0.16						



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/06/24 17:42:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15537523

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Naphthalene	0	<0.16						
Hexachloro-1,3-butadiene	0	<0.16						

Sample: WG589996-7

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/06/24 19:48:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15539029

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	7.595	10	76	70.0 to 130.				
Freon-12	9.706	10	97.1	70.0 to 130.				
Chloromethane	8.212	10	82.1	70.0 to 130.				
Freon-114	9.233	10	92.3	70.0 to 130.				
Vinyl Chloride	8.79	10	87.9	70.0 to 130.				
1,3-Butadiene	8.443	10	84.4	70.0 to 130.				
n-Butane	7.252	10	72.5	70.0 to 130.				
Bromomethane	9.751	10	97.5	70.0 to 130.				
Chloroethane	8.686	10	86.9	70.0 to 130.				
Acetonitrile	7.41	10	74.1	70.0 to 130.				
Vinyl Bromide	9.805	10	98.1	70.0 to 130.				
Acrolein	8.212	10	82.1	70.0 to 130.				
Acetone	7.896	10	79	70.0 to 130.				
Freon-11	10.19	10	102	70.0 to 130.				
Isopropyl Alcohol	8.09	10	80.9	70.0 to 130.				
Acrylonitrile	8.202	10	82	70.0 to 130.				
Pentane	7.861	10	78.6	70.0 to 130.				
Ethyl Bromide	9.34	10	93.4	70.0 to 130.				
1,1-Dichloroethene	9.141	10	91.4	70.0 to 130.				
tert-Butyl Alcohol	8.644	10	86.4	70.0 to 130.				
Methylene Chloride	9.221	10	92.2	70.0 to 130.				
Freon-113	9.755	10	97.6	70.0 to 130.				
Carbon Disulfide	9.251	10	92.5	70.0 to 130.				
Allyl Chloride	7.803	10	78	70.0 to 130.				
trans-1,2-Dichloroethene	9.26	10	92.6	70.0 to 130.				
1,1-Dichloroethane	9.201	10	92	70.0 to 130.				
Methyl tert-Butyl Ether	9.087	10	90.9	70.0 to 130.				
Vinyl Acetate	7.428	10	74.3	70.0 to 130.				
Methyl Ethyl Ketone	8.032	10	80.3	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-7

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/06/24 19:48:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15539029

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
cis-1,2-Dichloroethylene	9.008	10	90.1	70.0 to 130.				
Hexane	8.794	10	87.9	70.0 to 130.				
Ethyl Acetate	8.272	10	82.7	70.0 to 130.				
Chloroform	9.402	10	94	70.0 to 130.				
Tetrahydrofuran	8.043	10	80.4	70.0 to 130.				
1,2-Dichloroethane	9.515	10	95.2	70.0 to 130.				
1,1,1-Trichloroethane	9.997	10	100	70.0 to 130.				
Benzene	9.323	10	93.2	70.0 to 130.				
Carbon Tetrachloride	10.253	10	103	70.0 to 130.				
Cyclohexane	9.479	10	94.8	70.0 to 130.				
1,2-Dichloropropane	9.249	10	92.5	70.0 to 130.				
Bromodichloromethane	10.072	10	101	70.0 to 130.				
1,4-Dioxane	9.8	10	98	70.0 to 130.				
Trichloroethylene	9.808	10	98.1	70.0 to 130.				
2,2,4-Trimethylpentane	8.93	10	89.3	70.0 to 130.				
Methyl Methacrylate	9.158	10	91.6	70.0 to 130.				
Heptane	8.436	10	84.4	70.0 to 130.				
cis-1,3-Dichloropropene	9.443	10	94.4	70.0 to 130.				
trans-1,3-Dichloropropene	9.714	10	97.1	70.0 to 130.				
1,1,2-Trichloroethane	10.009	10	100	70.0 to 130.				
Methyl Isobutyl Ketone	8.356	10	83.6	70.0 to 130.				
Toluene	9.551	10	95.5	70.0 to 130.				
Methyl Butyl Ketone	8.484	10	84.8	70.0 to 130.				
Dibromochloromethane	10.377	10	104	70.0 to 130.				
1,2-Dibromoethane	10.015	10	100	70.0 to 130.				
Tetrachloroethylene	9.987	10	99.9	70.0 to 130.				
Chlorobenzene	10.033	10	100	70.0 to 130.				
Ethylbenzene	9.836	10	98.4	70.0 to 130.				
m & p-xylene	19.928	20	99.6	70.0 to 130.				
Bromoform	10.41	10	104	70.0 to 130.				
Styrene	10.097	10	101	70.0 to 130.				
1,1,2,2-Tetrachloroethane	9.471	10	94.7	70.0 to 130.				
o-Xylene	9.869	10	98.7	70.0 to 130.				
Nonane	9.009	10	90.1	70.0 to 130.				
Cumene	10.244	10	102	70.0 to 130.				
2-Chlorotoluene	10.084	10	101	70.0 to 130.				
n-Propylbenzene	10.386	10	104	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589996

Sample: WG589996-7

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/06/24 19:48:00

Approval Status: YES

Instrument: MS G

Samp Join ID: SJ15539029

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
4-Ethyltoluene	10.385	10	104	70.0 to 130.				
1,3,5-Trimethylbenzene	10.346	10	103	70.0 to 130.				
1,2,4-Trimethylbenzene	10.462	10	105	70.0 to 130.				
Benzyl Chloride	9.767	10	97.7	70.0 to 130.				
1,3-Dichlorobenzene	10.526	10	105	70.0 to 130.				
1,4-Dichlorobenzene	10.59	10	106	70.0 to 130.				
1,2-Dichlorobenzene	10.578	10	106	70.0 to 130.				
1,2,4-Trichlorobenzene	11.092	10	111	70.0 to 130.				
Naphthalene	11.496	10	115	70.0 to 130.				
Hexachloro-1,3-butadiene	10.833	10	108	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589818

Sample: WG589818-6

Spike lot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/03/24 09:32:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529142

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	9.526	10	95.3	70.0 to 130.				
Freon-12	10.435	10	104	70.0 to 130.				
Chloromethane	9.563	10	95.6	70.0 to 130.				
Freon-114	10.156	10	102	70.0 to 130.				
Vinyl Chloride	9.945	10	99.5	70.0 to 130.				
1,3-Butadiene	9.614	10	96.1	70.0 to 130.				
n-Butane	9.098	10	91	70.0 to 130.				
Bromomethane	10.131	10	101	70.0 to 130.				
Chloroethane	9.849	10	98.5	70.0 to 130.				
Acetonitrile	9.566	10	95.7	70.0 to 130.				
Vinyl Bromide	10.411	10	104	70.0 to 130.				
Acrolein	9.58	10	95.8	70.0 to 130.				
Acetone	9.281	10	92.8	70.0 to 130.				
Freon-11	10.112	10	101	70.0 to 130.				
Isopropyl Alcohol	9.247	10	92.5	70.0 to 130.				
Acrylonitrile	10.26	10	103	70.0 to 130.				
Pentane	9.587	10	95.9	70.0 to 130.				
Ethyl Bromide	10.259	10	103	70.0 to 130.				
1,1-Dichloroethene	9.964	10	99.6	70.0 to 130.				
tert-Butyl Alcohol	9.554	10	95.5	70.0 to 130.				
Methylene Chloride	10.082	10	101	70.0 to 130.				
Freon-113	10.189	10	102	70.0 to 130.				
Carbon Disulfide	9.98	10	99.8	70.0 to 130.				
Allyl Chloride	9.64	10	96.4	70.0 to 130.				
trans-1,2-Dichloroethene	9.96	10	99.6	70.0 to 130.				
1,1-Dichloroethane	9.927	10	99.3	70.0 to 130.				
Methyl tert-Butyl Ether	10.034	10	100	70.0 to 130.				
Vinyl Acetate	8.803	10	88	70.0 to 130.				
Methyl Ethyl Ketone	9.165	10	91.7	70.0 to 130.				
cis-1,2-Dichloroethylene	9.879	10	98.8	70.0 to 130.				
Hexane	9.816	10	98.2	70.0 to 130.				
Ethyl Acetate	9.042	10	90.4	70.0 to 130.				
Chloroform	9.975	10	99.8	70.0 to 130.				
Tetrahydrofuran	8.953	10	89.5	70.0 to 130.				
1,2-Dichloroethane	9.808	10	98.1	70.0 to 130.				
1,1,1-Trichloroethane	10.085	10	101	70.0 to 130.				
Benzene	10.098	10	101	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589818

Sample: WG589818-6

Spike lot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/03/24 09:32:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529142

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Tetrachloride	10.215	10	102	70.0 to 130.				
Cyclohexane	9.982	10	99.8	70.0 to 130.				
1,2-Dichloropropane	10.252	10	103	70.0 to 130.				
Bromodichloromethane	10.248	10	102	70.0 to 130.				
1,4-Dioxane	8.143	10	81.4	70.0 to 130.				
Trichloroethylene	10.242	10	102	70.0 to 130.				
2,2,4-Trimethylpentane	9.777	10	97.8	70.0 to 130.				
Methyl Methacrylate	9.313	10	93.1	70.0 to 130.				
Heptane	9.693	10	96.9	70.0 to 130.				
cis-1,3-Dichloropropene	10.267	10	103	70.0 to 130.				
trans-1,3-Dichloropropene	10.122	10	101	70.0 to 130.				
1,1,2-Trichloroethane	10.224	10	102	70.0 to 130.				
Methyl Isobutyl Ketone	9.059	10	90.6	70.0 to 130.				
Toluene	9.868	10	98.7	70.0 to 130.				
Methyl Butyl Ketone	8.117	10	81.2	70.0 to 130.				
Dibromochloromethane	10.008	10	100	70.0 to 130.				
1,2-Dibromoethane	9.754	10	97.5	70.0 to 130.				
Tetrachloroethylene	10.007	10	100	70.0 to 130.				
Chlorobenzene	9.751	10	97.5	70.0 to 130.				
Ethylbenzene	9.89	10	98.9	70.0 to 130.				
m & p-xylene	19.506	20	97.5	70.0 to 130.				
Bromoform	10.097	10	101	70.0 to 130.				
Styrene	9.898	10	99	70.0 to 130.				
1,1,2,2-Tetrachloroethane	9.718	10	97.2	70.0 to 130.				
o-Xylene	9.69	10	96.9	70.0 to 130.				
Nonane	9.666	10	96.7	70.0 to 130.				
Cumene	9.948	10	99.5	70.0 to 130.				
2-Chlorotoluene	10.177	10	102	70.0 to 130.				
n-Propylbenzene	10.059	10	101	70.0 to 130.				
4-Ethyltoluene	10.014	10	100	70.0 to 130.				
1,3,5-Trimethylbenzene	9.885	10	98.9	70.0 to 130.				
1,2,4-Trimethylbenzene	10.104	10	101	70.0 to 130.				
Benzyl Chloride	10.222	10	102	70.0 to 130.				
1,3-Dichlorobenzene	10.07	10	101	70.0 to 130.				
1,4-Dichlorobenzene	10.205	10	102	70.0 to 130.				
1,2-Dichlorobenzene	10.151	10	102	70.0 to 130.				
1,2,4-Trichlorobenzene	11.957	10	120	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589818

Sample: WG589818-6

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/03/24 09:32:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529142

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Naphthalene	11.527	10	115	70.0 to 130.				
Hexachloro-1,3-butadiene	11.251	10	113	70.0 to 130.				

Sample: WG589818-2

Spikelot: IH742566

QC Type: LCS

Raw File:

Analysis date: 05/03/24 10:21:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529143

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	9.443	10	94.4	70.0 to 130.				
Freon-12	10.536	10	105	70.0 to 130.				
Chloromethane	9.262	10	92.6	70.0 to 130.				
Freon-114	9.534	10	95.3	70.0 to 130.				
Vinyl Chloride	10.092	10	101	70.0 to 130.				
1,3-Butadiene	9.885	10	98.9	70.0 to 130.				
n-Butane	9.242	10	92.4	70.0 to 130.				
Bromomethane	10.352	10	104	70.0 to 130.				
Chloroethane	10.166	10	102	70.0 to 130.				
Acetonitrile	9.617	10	96.2	70.0 to 130.				
Vinyl Bromide	10.742	10	107	70.0 to 130.				
Acrolein	8.285	10	82.9	70.0 to 130.				
Acetone	9.432	10	94.3	70.0 to 130.				
Freon-11	10.111	10	101	70.0 to 130.				
Isopropyl Alcohol	8.485	10	84.9	70.0 to 130.				
Acrylonitrile	10.441	10	104	70.0 to 130.				
Pentane	9.738	10	97.4	70.0 to 130.				
Ethyl Bromide	10.349	10	103	70.0 to 130.				
1,1-Dichloroethene	10.293	10	103	70.0 to 130.				
tert-Butyl Alcohol	9.578	10	95.8	70.0 to 130.				
Methylene Chloride	10.137	10	101	70.0 to 130.				
Freon-113	10.233	10	102	70.0 to 130.				
Carbon Disulfide	10.417	10	104	70.0 to 130.				
Allyl Chloride	10.08	10	101	70.0 to 130.				
trans-1,2-Dichloroethene	10.142	10	101	70.0 to 130.				
1,1-Dichloroethane	10.177	10	102	70.0 to 130.				
Methyl tert-Butyl Ether	10.362	10	104	70.0 to 130.				
Vinyl Acetate	7.959	10	79.6	70.0 to 130.				
Methyl Ethyl Ketone	9.448	10	94.5	70.0 to 130.				



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GCMS QC RECOVERY REPORT

Work Group: WG589818

Sample: WG589818-2

Spikelot: IH742566

QC Type: LCS

Raw File:

Analysis date: 05/03/24 10:21:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529143

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
cis-1,2-Dichloroethylene	9.946	10	99.5	70.0 to 130.				
Hexane	10.136	10	101	70.0 to 130.				
Ethyl Acetate	9.351	10	93.5	70.0 to 130.				
Chloroform	10.039	10	100	70.0 to 130.				
Tetrahydrofuran	9.989	10	99.9	70.0 to 130.				
1,2-Dichloroethane	9.952	10	99.5	70.0 to 130.				
1,1,1-Trichloroethane	9.833	10	98.3	70.0 to 130.				
Benzene	10.135	10	101	70.0 to 130.				
Carbon Tetrachloride	10.329	10	103	70.0 to 130.				
Cyclohexane	10.224	10	102	70.0 to 130.				
1,2-Dichloropropane	10.396	10	104	70.0 to 130.				
Bromodichloromethane	10.117	10	101	70.0 to 130.				
1,4-Dioxane	8.358	10	83.6	70.0 to 130.				
Trichloroethylene	10.28	10	103	70.0 to 130.				
2,2,4-Trimethylpentane	10.057	10	101	70.0 to 130.				
Methyl Methacrylate	9.33	10	93.3	70.0 to 130.				
Heptane	9.897	10	99	70.0 to 130.				
cis-1,3-Dichloropropene	9.594	10	95.9	70.0 to 130.				
trans-1,3-Dichloropropene	10.916	10	109	70.0 to 130.				
1,1,2-Trichloroethane	10.068	10	101	70.0 to 130.				
Methyl Isobutyl Ketone	9.313	10	93.1	70.0 to 130.				
Toluene	10.046	10	100	70.0 to 130.				
Methyl Butyl Ketone	8.216	10	82.2	70.0 to 130.				
Dibromochloromethane	10.265	10	103	70.0 to 130.				
1,2-Dibromoethane	9.713	10	97.1	70.0 to 130.				
Tetrachloroethylene	10.076	10	101	70.0 to 130.				
Chlorobenzene	9.846	10	98.5	70.0 to 130.				
Ethylbenzene	9.897	10	99	70.0 to 130.				
m & p-xylene	19.521	20	97.6	70.0 to 130.				
Bromoform	10.384	10	104	70.0 to 130.				
Styrene	9.932	10	99.3	70.0 to 130.				
1,1,2,2-Tetrachloroethane	9.588	10	95.9	70.0 to 130.				
o-Xylene	9.852	10	98.5	70.0 to 130.				
Nonane	9.781	10	97.8	70.0 to 130.				
Cumene	9.25	10	92.5	70.0 to 130.				
2-Chlorotoluene	10.229	10	102	70.0 to 130.				
n-Propylbenzene	9.945	10	99.5	70.0 to 130.				

Sample: WG589818-2

Spike lot: IH742566

QC Type: LCS

Raw File:

Analysis date: 05/03/24 10:21:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529143

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
4-Ethyltoluene	10.158	10	102	70.0 to 130.				
1,3,5-Trimethylbenzene	9.795	10	98	70.0 to 130.				
1,2,4-Trimethylbenzene	9.824	10	98.2	70.0 to 130.				
Benzyl Chloride	10.208	10	102	70.0 to 130.				
1,3-Dichlorobenzene	9.887	10	98.9	70.0 to 130.				
1,4-Dichlorobenzene	9.983	10	99.8	70.0 to 130.				
1,2-Dichlorobenzene	9.941	10	99.4	70.0 to 130.				
1,2,4-Trichlorobenzene	10.976	10	110	70.0 to 130.				
Naphthalene	10.428	10	104	70.0 to 130.				
Hexachloro-1,3-butadiene	10.114	10	101	70.0 to 130.				

Sample: WG589818-3

Spike lot: IH742566

QC Type: LCSD

Raw File:

Analysis date: 05/03/24 11:10:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529145

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	9.282	10	92.8	70.0 to 130.			1.72	-25 to 25.0
Freon-12	10.536	10	105	70.0 to 130.			0	-25 to 25.0
Chloromethane	9.499	10	95	70.0 to 130.			2.53	-25 to 25.0
Freon-114	9.612	10	96.1	70.0 to 130.			.815	-25 to 25.0
Vinyl Chloride	10.064	10	101	70.0 to 130.			.278	-25 to 25.0
1,3-Butadiene	9.927	10	99.3	70.0 to 130.			.424	-25 to 25.0
n-Butane	9.132	10	91.3	70.0 to 130.			1.2	-25 to 25.0
Bromomethane	10.363	10	104	70.0 to 130.			.106	-25 to 25.0
Chloroethane	10.184	10	102	70.0 to 130.			.177	-25 to 25.0
Acetonitrile	9.647	10	96.5	70.0 to 130.			.311	-25 to 25.0
Vinyl Bromide	10.724	10	107	70.0 to 130.			.168	-25 to 25.0
Acrolein	8.3	10	83	70.0 to 130.			.181	-25 to 25.0
Acetone	9.383	10	93.8	70.0 to 130.			.521	-25 to 25.0
Freon-11	10.064	10	101	70.0 to 130.			.466	-25 to 25.0
Isopropyl Alcohol	8.378	10	83.8	70.0 to 130.			1.27	-25 to 25.0
Acrylonitrile	9.788	10	97.9	70.0 to 130.			6.46	-25 to 25.0
Pentane	9.727	10	97.3	70.0 to 130.			.113	-25 to 25.0
Ethyl Bromide	10.352	10	104	70.0 to 130.			.029	-25 to 25.0
1,1-Dichloroethene	10.252	10	103	70.0 to 130.			.399	-25 to 25.0
tert-Butyl Alcohol	9.604	10	96	70.0 to 130.			.271	-25 to 25.0
Methylene Chloride	10.114	10	101	70.0 to 130.			.227	-25 to 25.0



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589818

Sample: WG589818-3

Spikelet: IH742566

QC Type: LCSD

Raw File:

Analysis date: 05/03/24 11:10:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529145

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Freon-113	10.181	10	102	70.0 to 130.			.509	-25 to 25.0
Carbon Disulfide	10.343	10	103	70.0 to 130.			.713	-25 to 25.0
Allyl Chloride	9.988	10	99.9	70.0 to 130.			.917	-25 to 25.0
trans-1,2-Dichloroethene	10.115	10	101	70.0 to 130.			.267	-25 to 25.0
1,1-Dichloroethane	10.159	10	102	70.0 to 130.			.177	-25 to 25.0
Methyl tert-Butyl Ether	10.357	10	104	70.0 to 130.			.0483	-25 to 25.0
Vinyl Acetate	7.905	10	79.1	70.0 to 130.			.681	-25 to 25.0
Methyl Ethyl Ketone	9.411	10	94.1	70.0 to 130.			.392	-25 to 25.0
cis-1,2-Dichloroethylene	9.93	10	99.3	70.0 to 130.			.161	-25 to 25.0
Hexane	10.112	10	101	70.0 to 130.			.237	-25 to 25.0
Ethyl Acetate	9.195	10	92	70.0 to 130.			1.68	-25 to 25.0
Chloroform	10.008	10	100	70.0 to 130.			.309	-25 to 25.0
Tetrahydrofuran	9.917	10	99.2	70.0 to 130.			.723	-25 to 25.0
1,2-Dichloroethane	9.911	10	99.1	70.0 to 130.			.413	-25 to 25.0
1,1,1-Trichloroethane	9.832	10	98.3	70.0 to 130.			.0102	-25 to 25.0
Benzene	10.013	10	100	70.0 to 130.			1.21	-25 to 25.0
Carbon Tetrachloride	10.305	10	103	70.0 to 130.			.233	-25 to 25.0
Cyclohexane	10.107	10	101	70.0 to 130.			1.15	-25 to 25.0
1,2-Dichloropropane	10.274	10	103	70.0 to 130.			1.18	-25 to 25.0
Bromodichloromethane	10.042	10	100	70.0 to 130.			.744	-25 to 25.0
1,4-Dioxane	8.189	10	81.9	70.0 to 130.			2.04	-25 to 25.0
Trichloroethylene	10.179	10	102	70.0 to 130.			.987	-25 to 25.0
2,2,4-Trimethylpentane	9.945	10	99.5	70.0 to 130.			1.12	-25 to 25.0
Methyl Methacrylate	9.166	10	91.7	70.0 to 130.			1.77	-25 to 25.0
Heptane	9.745	10	97.5	70.0 to 130.			1.55	-25 to 25.0
cis-1,3-Dichloropropene	9.572	10	95.7	70.0 to 130.			.23	-25 to 25.0
trans-1,3-Dichloropropene	10.891	10	109	70.0 to 130.			.229	-25 to 25.0
1,1,2-Trichloroethane	10.055	10	101	70.0 to 130.			.129	-25 to 25.0
Methyl Isobutyl Ketone	9.299	10	93	70.0 to 130.			.15	-25 to 25.0
Toluene	10.114	10	101	70.0 to 130.			.675	-25 to 25.0
Methyl Butyl Ketone	8.173	10	81.7	70.0 to 130.			.525	-25 to 25.0
Dibromochloromethane	10.302	10	103	70.0 to 130.			.36	-25 to 25.0
1,2-Dibromoethane	9.719	10	97.2	70.0 to 130.			.0618	-25 to 25.0
Tetrachloroethylene	10.143	10	101	70.0 to 130.			.663	-25 to 25.0
Chlorobenzene	9.898	10	99	70.0 to 130.			.527	-25 to 25.0
Ethylbenzene	9.92	10	99.2	70.0 to 130.			.232	-25 to 25.0
m & p-xylene	19.576	20	97.9	70.0 to 130.			.281	-25 to 25.0



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589818

Sample: WG589818-3

Spikelot: IH742566

QC Type: LCSD

Raw File:

Analysis date: 05/03/24 11:10:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529145

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Bromoform	10.444	10	104	70.0 to 130.			.576	-25 to 25.0
Styrene	9.95	10	99.5	70.0 to 130.			.181	-25 to 25.0
1,1,2,2-Tetrachloroethane	9.626	10	96.3	70.0 to 130.			.396	-25 to 25.0
o-Xylene	9.862	10	98.6	70.0 to 130.			.101	-25 to 25.0
Nonane	9.807	10	98.1	70.0 to 130.			.265	-25 to 25.0
Cumene	9.333	10	93.3	70.0 to 130.			.893	-25 to 25.0
2-Chlorotoluene	10.364	10	104	70.0 to 130.			1.31	-25 to 25.0
n-Propylbenzene	10.028	10	100	70.0 to 130.			.831	-25 to 25.0
4-Ethyltoluene	10.198	10	102	70.0 to 130.			.393	-25 to 25.0
1,3,5-Trimethylbenzene	9.863	10	98.6	70.0 to 130.			.692	-25 to 25.0
1,2,4-Trimethylbenzene	9.859	10	98.6	70.0 to 130.			.356	-25 to 25.0
Benzyl Chloride	10.194	10	102	70.0 to 130.			.137	-25 to 25.0
1,3-Dichlorobenzene	9.989	10	99.9	70.0 to 130.			1.03	-25 to 25.0
1,4-Dichlorobenzene	10.036	10	100	70.0 to 130.			.529	-25 to 25.0
1,2-Dichlorobenzene	9.999	10	100	70.0 to 130.			.582	-25 to 25.0
1,2,4-Trichlorobenzene	11.01	10	110	70.0 to 130.			.309	-25 to 25.0
Naphthalene	10.335	10	103	70.0 to 130.			.896	-25 to 25.0
Hexachloro-1,3-butadiene	10.142	10	101	70.0 to 130.			.276	-25 to 25.0

Sample: WG589818-4

Spikelot: IH742212

QC Type: DLS

Raw File:

Analysis date: 05/03/24 12:48:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529196

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Freon-12	.157	.16	98.1	60.0 to 140.				
Chloromethane	.146	.16	91.3	60.0 to 140.				
Freon-114	.157	.16	98.1	60.0 to 140.				
Vinyl Chloride	.153	.16	95.6	60.0 to 140.				
1,3-Butadiene	.153	.16	95.6	60.0 to 140.				
n-Butane	.144	.16	90	60.0 to 140.				
Bromomethane	.16	.16	100	60.0 to 140.				
Chloroethane	.147	.16	91.9	60.0 to 140.				
Vinyl Bromide	.16	.16	100	60.0 to 140.				
Acrolein	.147	.16	91.9	60.0 to 140.				
Freon-11	.156	.16	97.5	60.0 to 140.				
Acrylonitrile	.153	.16	95.6	60.0 to 140.				
Pentane	.146	.16	91.3	60.0 to 140.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589818

Sample: WG589818-4

Spikelot: IH742212

QC Type: DLS

Raw File:

Analysis date: 05/03/24 12:48:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529196

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Ethyl Bromide	.149	.16	93.1	60.0 to 140.				
1,1-Dichloroethene	.15	.16	93.8	60.0 to 140.				
Methylene Chloride	.173	.16	108	60.0 to 140.				
Freon-113	.161	.16	101	60.0 to 140.				
Allyl Chloride	.148	.16	92.5	60.0 to 140.				
trans-1,2-Dichloroethene	.153	.16	95.6	60.0 to 140.				
1,1-Dichloroethane	.152	.16	95	60.0 to 140.				
Methyl tert-Butyl Ether	.154	.16	96.3	60.0 to 140.				
Vinyl Acetate	.156	.16	97.5	60.0 to 140.				
Methyl Ethyl Ketone	.147	.16	91.9	60.0 to 140.				
cis-1,2-Dichloroethylene	.152	.16	95	60.0 to 140.				
Hexane	.15	.16	93.8	60.0 to 140.				
Ethyl Acetate	.144	.16	90	60.0 to 140.				
Chloroform	.157	.16	98.1	60.0 to 140.				
Tetrahydrofuran	.154	.16	96.3	60.0 to 140.				
1,2-Dichloroethane	.15	.16	93.8	60.0 to 140.				
1,1,1-Trichloroethane	.15	.16	93.8	60.0 to 140.				
Benzene	.15	.16	93.8	60.0 to 140.				
Carbon Tetrachloride	.156	.16	97.5	60.0 to 140.				
Cyclohexane	.153	.16	95.6	60.0 to 140.				
1,2-Dichloropropane	.151	.16	94.4	60.0 to 140.				
Bromodichloromethane	.146	.16	91.3	60.0 to 140.				
1,4-Dioxane	.189	.16	118	60.0 to 140.				
Trichloroethylene	.153	.16	95.6	60.0 to 140.				
2,2,4-Trimethylpentane	.155	.16	96.9	60.0 to 140.				
Methyl Methacrylate	.149	.16	93.1	60.0 to 140.				
Heptane	.147	.16	91.9	60.0 to 140.				
cis-1,3-Dichloropropene	.148	.16	92.5	60.0 to 140.				
trans-1,3-Dichloropropene	.143	.16	89.4	60.0 to 140.				
1,1,2-Trichloroethane	.156	.16	97.5	60.0 to 140.				
Methyl Isobutyl Ketone	.15	.16	93.8	60.0 to 140.				
Toluene	.159	.16	99.4	60.0 to 140.				
Methyl Butyl Ketone	.153	.16	95.6	60.0 to 140.				
Dibromochloromethane	.146	.16	91.3	60.0 to 140.				
1,2-Dibromoethane	.149	.16	93.1	60.0 to 140.				
Tetrachloroethylene	.157	.16	98.1	60.0 to 140.				
Chlorobenzene	.151	.16	94.4	60.0 to 140.				

Sample: WG589818-4

Spike lot: IH742212

QC Type: DLS

Raw File:

Analysis date: 05/03/24 12:48:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529196

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Ethylbenzene	.151	.16	94.4	60.0 to 140.				
m & p-xylene	.299	.32	93.4	60.0 to 140.				
Bromoform	.139	.16	86.9	60.0 to 140.				
Styrene	.144	.16	90	60.0 to 140.				
1,1,2,2-Tetrachloroethane	.153	.16	95.6	60.0 to 140.				
o-Xylene	.154	.16	96.3	60.0 to 140.				
Nonane	.144	.16	90	60.0 to 140.				
Cumene	.148	.16	92.5	60.0 to 140.				
2-Chlorotoluene	.151	.16	94.4	60.0 to 140.				
n-Propylbenzene	.149	.16	93.1	60.0 to 140.				
4-Ethyltoluene	.141	.16	88.1	60.0 to 140.				
1,3,5-Trimethylbenzene	.152	.16	95	60.0 to 140.				
1,2,4-Trimethylbenzene	.144	.16	90	60.0 to 140.				
Benzyl Chloride	.112	.16	70	60.0 to 140.				
1,3-Dichlorobenzene	.136	.16	85	60.0 to 140.				
1,4-Dichlorobenzene	.132	.16	82.5	60.0 to 140.				
1,2-Dichlorobenzene	.15	.16	93.8	60.0 to 140.				
1,2,4-Trichlorobenzene	.113	.16	70.6	60.0 to 140.				
Naphthalene	.123	.16	76.9	60.0 to 140.				
Hexachloro-1,3-butadiene	.157	.16	98.1	60.0 to 140.				

Sample: WG589818-5

Spike lot: IH742212

QC Type: DLS

Raw File:

Analysis date: 05/03/24 13:37:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529197

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	.521	.5	104	60.0 to 140.				
Acetonitrile	.46	.5	92	60.0 to 140.				
Acetone	.497	.5	99.4	60.0 to 140.				
Isopropyl Alcohol	.5	.5	100	60.0 to 140.				
tert-Butyl Alcohol	.491	.5	98.2	60.0 to 140.				
Carbon Disulfide	.512	.5	102	60.0 to 140.				

Sample: WG589818-1

Spike lot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/03/24 14:33:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529198



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589818

Sample: WG589818-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/03/24 14:33:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529198

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	.077	<0.5						
Freon-12	0	<0.16						
Chloromethane	0	<0.16						
Freon-114	0	<0.16						
Vinyl Chloride	0	<0.16						
1,3-Butadiene	0	<0.16						
n-Butane	0	<0.16						
Bromomethane	0	<0.16						
Chloroethane	0	<0.16						
Acetonitrile	0	<0.5						
Vinyl Bromide	0	<0.16						
Acrolein	0	<0.16						
Acetone	.049	<0.5						
Freon-11	0	<0.16						
Isopropyl Alcohol	.039	<0.50						
Acrylonitrile	0	<0.16						
Pentane	0	<0.16						
Ethyl Bromide	0	<0.16						
1,1-Dichloroethene	0	<0.16						
tert-Butyl Alcohol	0	<0.5						
Methylene Chloride	0	<0.16						
Freon-113	0	<0.16						
Carbon Disulfide	0	<0.5						
Allyl Chloride	0	<0.16						
trans-1,2-Dichloroethene	0	<0.16						
1,1-Dichloroethane	0	<0.16						
Methyl tert-Butyl Ether	0	<0.16						
Vinyl Acetate	0	<0.16						
Methyl Ethyl Ketone	0	<0.16						
cis-1,2-Dichloroethylene	0	<0.16						
Hexane	0	<0.16						
Ethyl Acetate	0	<0.16						
Chloroform	0	<0.16						
Tetrahydrofuran	0	<0.16						
1,2-Dichloroethane	0	<0.16						
1,1,1-Trichloroethane	0	<0.16						
Benzene	0	<0.16						



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589818

Sample: WG589818-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/03/24 14:33:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529198

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Tetrachloride	0	<0.16						
Cyclohexane	0	<0.16						
1,2-Dichloropropane	0	<0.16						
Bromodichloromethane	0	<0.16						
1,4-Dioxane	0	<0.16						
Trichloroethylene	0	<0.16						
2,2,4-Trimethylpentane	0	<0.16						
Methyl Methacrylate	0	<0.16						
Heptane	0	<0.16						
cis-1,3-Dichloropropene	0	<0.16						
trans-1,3-Dichloropropene	0	<0.16						
1,1,2-Trichloroethane	0	<0.16						
Methyl Isobutyl Ketone	0	<0.16						
Toluene	0	<0.16						
Methyl Butyl Ketone	0	<0.16						
Dibromochloromethane	0	<0.16						
1,2-Dibromoethane	0	<0.16						
Tetrachloroethylene	0	<0.16						
Chlorobenzene	0	<0.16						
Ethylbenzene	0	<0.16						
m & p-xylene	0	<0.32						
Bromoform	0	<0.16						
Styrene	0	<0.16						
1,1,2,2-Tetrachloroethane	0	<0.16						
o-Xylene	0	<0.16						
Nonane	0	<0.16						
Cumene	0	<0.16						
2-Chlorotoluene	0	<0.16						
n-Propylbenzene	0	<0.16						
4-Ethyltoluene	0	<0.16						
1,3,5-Trimethylbenzene	0	<0.16						
1,2,4-Trimethylbenzene	0	<0.16						
Benzyl Chloride	0	<0.16						
1,3-Dichlorobenzene	0	<0.16						
1,4-Dichlorobenzene	0	<0.16						
1,2-Dichlorobenzene	0	<0.16						
1,2,4-Trichlorobenzene	0	<0.16						



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589818

Sample: WG589818-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/03/24 14:33:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15529198

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Naphthalene	0	<0.16						
Hexachloro-1,3-butadiene	0	<0.16						

Sample: WG589818-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/03/24 14:33:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15535538

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
No Volatiles Found	0	<0						

Sample: WG589818-7

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/04/24 04:56:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15534446

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	10.301	10	103	70.0 to 130.				
Freon-12	10.83	10	108	70.0 to 130.				
Chloromethane	9.974	10	99.7	70.0 to 130.				
Freon-114	10.494	10	105	70.0 to 130.				
Vinyl Chloride	10.416	10	104	70.0 to 130.				
1,3-Butadiene	10.011	10	100	70.0 to 130.				
n-Butane	9.443	10	94.4	70.0 to 130.				
Bromomethane	10.46	10	105	70.0 to 130.				
Chloroethane	10.26	10	103	70.0 to 130.				
Acetonitrile	10.263	10	103	70.0 to 130.				
Vinyl Bromide	10.967	10	110	70.0 to 130.				
Acrolein	10.073	10	101	70.0 to 130.				
Acetone	9.958	10	99.6	70.0 to 130.				
Freon-11	10.631	10	106	70.0 to 130.				
Isopropyl Alcohol	9.84	10	98.4	70.0 to 130.				
Acrylonitrile	10.397	10	104	70.0 to 130.				
Pentane	10.252	10	103	70.0 to 130.				
Ethyl Bromide	10.793	10	108	70.0 to 130.				
1,1-Dichloroethene	10.608	10	106	70.0 to 130.				
tert-Butyl Alcohol	10.069	10	101	70.0 to 130.				
Methylene Chloride	10.598	10	106	70.0 to 130.				
Freon-113	10.618	10	106	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589818

Sample: WG589818-7

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/04/24 04:56:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15534446

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Disulfide	10.47	10	105	70.0 to 130.				
Allyl Chloride	10.299	10	103	70.0 to 130.				
trans-1,2-Dichloroethene	10.532	10	105	70.0 to 130.				
1,1-Dichloroethane	10.576	10	106	70.0 to 130.				
Methyl tert-Butyl Ether	10.539	10	105	70.0 to 130.				
Vinyl Acetate	9.32	10	93.2	70.0 to 130.				
Methyl Ethyl Ketone	9.766	10	97.7	70.0 to 130.				
cis-1,2-Dichloroethylene	10.474	10	105	70.0 to 130.				
Hexane	10.449	10	104	70.0 to 130.				
Ethyl Acetate	9.808	10	98.1	70.0 to 130.				
Chloroform	10.512	10	105	70.0 to 130.				
Tetrahydrofuran	9.583	10	95.8	70.0 to 130.				
1,2-Dichloroethane	10.324	10	103	70.0 to 130.				
1,1,1-Trichloroethane	10.532	10	105	70.0 to 130.				
Benzene	10.481	10	105	70.0 to 130.				
Carbon Tetrachloride	10.608	10	106	70.0 to 130.				
Cyclohexane	10.457	10	105	70.0 to 130.				
1,2-Dichloropropane	10.704	10	107	70.0 to 130.				
Bromodichloromethane	10.656	10	107	70.0 to 130.				
1,4-Dioxane	8.416	10	84.2	70.0 to 130.				
Trichloroethylene	10.56	10	106	70.0 to 130.				
2,2,4-Trimethylpentane	10.252	10	103	70.0 to 130.				
Methyl Methacrylate	9.812	10	98.1	70.0 to 130.				
Heptane	10.213	10	102	70.0 to 130.				
cis-1,3-Dichloropropene	10.582	10	106	70.0 to 130.				
trans-1,3-Dichloropropene	10.4	10	104	70.0 to 130.				
1,1,2-Trichloroethane	10.556	10	106	70.0 to 130.				
Methyl Isobutyl Ketone	9.516	10	95.2	70.0 to 130.				
Toluene	10.152	10	102	70.0 to 130.				
Methyl Butyl Ketone	8.393	10	83.9	70.0 to 130.				
Dibromochloromethane	10.258	10	103	70.0 to 130.				
1,2-Dibromoethane	10.073	10	101	70.0 to 130.				
Tetrachloroethylene	10.35	10	104	70.0 to 130.				
Chlorobenzene	10.083	10	101	70.0 to 130.				
Ethylbenzene	10.199	10	102	70.0 to 130.				
m & p-xylene	20.125	20	101	70.0 to 130.				
Bromoform	10.244	10	102	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG589818

Sample: WG589818-7

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/04/24 04:56:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15534446

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Styrene	10.191	10	102	70.0 to 130.				
1,1,2,2-Tetrachloroethane	10.045	10	100	70.0 to 130.				
o-Xylene	10.014	10	100	70.0 to 130.				
Nonane	10.044	10	100	70.0 to 130.				
Cumene	10.201	10	102	70.0 to 130.				
2-Chlorotoluene	10.424	10	104	70.0 to 130.				
n-Propylbenzene	10.351	10	104	70.0 to 130.				
4-Ethyltoluene	10.259	10	103	70.0 to 130.				
1,3,5-Trimethylbenzene	10.057	10	101	70.0 to 130.				
1,2,4-Trimethylbenzene	10.294	10	103	70.0 to 130.				
Benzyl Chloride	10.253	10	103	70.0 to 130.				
1,3-Dichlorobenzene	10.17	10	102	70.0 to 130.				
1,4-Dichlorobenzene	10.241	10	102	70.0 to 130.				
1,2-Dichlorobenzene	10.241	10	102	70.0 to 130.				
1,2,4-Trichlorobenzene	11.449	10	114	70.0 to 130.				
Naphthalene	10.953	10	110	70.0 to 130.				
Hexachloro-1,3-butadiene	11.222	10	112	70.0 to 130.				

U624844

Cart #5



274083627577
Date: 05/01/24
Shipper: FEDEX
Initials: MMM
Prep: UNKNOWN

274083627588
Date: 05/01/24
Shipper: FEDEX
Initials: MMM
Prep: UNKNOWN

274083627566
Date: 05/01/24
Shipper: FEDEX
Initials: MMM
Prep: UNKNOWN

QUEST FORM

Send Report to <u>Justin Langley, Chris Kuhlman</u>		Project # <u>PROJ - 040650</u>	
Company <u>CTEH, LLC</u>		Turnaround Requested: ☒ Normal ☐ Same Day ☐ Next Day	
Address <u>5120 North Shore Drive, North Little Rock, Arkansas 72118</u>		☐ Two Day ☐ Other (Specify) _____	
Phone <u>(501)801-8500</u>		Data Packet Requested: ☒ Standard Level II ☐ Other _____	
e-mail <u>labresults@cteh.com; jlangley@cteh.com; ckuhlman@cteh.com</u>		Sample and Extract Retention/Disposal:	
Accounting <u>Send invoices to CTEHAP@montrose-env.com with Invoice # and Vendor name in subject line</u>		Dispose after 2X hold time ☒	
		Retain w/ storage fees after 2X hold time ☐	

Lab Contact Information		* - All - 6L - Containers - mm							Method			Matrix	
Primary Sample Identification	Secondary Sample Identification	Sample Size	Units	Sample Start Date	Sample Start Time	Sample Stop Date	Sample Stop Time	Initials	EPA-7015	TICs			
SPAR0429 MC001	33836/WR1168	6	L	04/29/24	09:43	04/30/24	09:05	JL	X	X			A
SPAR0429 MC002	48180/WR575	6	L	04/29/24	10:35	04/30/24	10:04	JL	X	X			A
SPAR0429 MC003	48165/WR1117	6	L	04/29/24	10:46	04/30/24	10:16	JL	X	X			A
SPAR0429 MC004	48178/WR1161	6	L	04/29/24	10:56	04/30/24	10:26	JL	X	X			A
SPAR0429 MC005	33825/WR774	6	L	04/29/24	11:14	04/30/24	10:45	JL	X	X			A
SPAR0429 MC006	48166/WR852	6	L	04/29/24	12:05	04/30/24	11:52	JL	X	X			A
SPAR0429 MC007	47371/WR1106	6	L	04/29/24	12:17	04/30/24	12:06	JL	X	X			A
SPAR0429 MC008	10525/WR1102	6	L	04/29/24	12:28	04/30/24	12:15	JL	X	X			A
SPAR0429 MC009	10712/WR1123	6	L	04/29/24	13:07	04/30/24	12:40	JL	X	X			A
SPAR0429 MC010	10689/WR1174	6	L	04/29/24	13:25	04/30/24	13:00	JL	X	X			A

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
Justin Langley / <i>[Signature]</i>	04/30/24 / 16:30	FedEx	04/30/24 / 16:30
<i>[Signature]</i>	5/1/24 9:00A	Megan M. McGrath	5/1/24 11:55A

Rec'd intact & accounted for? ☒ Yes or No

Rec'd w/custody seals intact? ☒ Yes, No, NA

Rec'd in light sensitive packaging? Yes, No, ☒ NA

Rec'd with ice pack? Yes or No

Rec'd temperature compliant? Yes, No, ☒ NA

SDG # SPAR0429 MC



CHAIN OF CUSTODY AND ANALYSIS REQUEST FORM

THE SCIENCE OF READY™		CTEH Project #
Send Report to	Justin Langley, Chris Kuhlman	PROJ-040650
Company	CTEH, LLC	Turnaround Requested: ☒ Normal ☐ Same Day ☐ Next Day
Address	5120 North Shore Drive, North Little Rock, Arkansas 72118	☐ Two Day ☐ Other (Specify) _____
Phone	(501)801-8500	Data Packet Requested: ☒ Standard Level II ☐ Other _____
e-mail	labresults@cteh.com; jlangley@cteh.com, ckuhlman@cteh.com	Sample and Extract Retention/Disposal:
Accounting	Send invoices to CTEHAP@montrose-env.com with Invoice # and Vendor name in subject line	Dispose after 2X hold time ☒
		Retain w/ storage fees after 2X hold time ☐

Lab Contact Information	Secondary Sample Identification	Sample Size	Units	Sample Start Date	Sample Start Time	Sample Stop Date	Sample Stop Time	Initials	Method				Matrix
									EPA-To15	TECs			
SPAR0429MC011	45907/ WR916	6	L	04/29/24	09:26	04/30/24	08:52	JK	X	X			A
SPAR0429MC012	40055/ WR988	6	L	04/29/24	14:57	04/30/24	14:30	JK	X	X			A
SPAR0429MC013	40068/ WR553	6	L	04/29/24	14:04	04/30/24	13:37	JK	X	X			A
SPAR0429MC014	170/ WR1108	6	L	04/29/24	14:36	04/30/24	14:02	JK	X	X			A

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	
Justin Langley / <i>[Signature]</i> Fedex	04/30/24 / 16:30 5/1/24 9:00A	Fed Ex Megan M. McGrath	04/30/24 / 16:30 Megan M. McGrath	Rec'd intact & accounted for? ☒ Yes or No Rec'd w/custody seals intact? ☒ Yes, No, NA Rec'd in light sensitive packaging? Yes, No, ☒ NA Rec'd with ice pack? Yes or No Rec'd temperature compliant? Yes, No, ☒ NA

11:55 A

Lab Results
Center for Toxicology & Env. Health LLC
5120 North Shore Drive
North Little Rock, AR 72118

May 22, 2024

Account# 13913

Login# L624941

Dear Sir or Madam:

Enclosed are the revised analytical results for the samples received by our laboratory on May 02, 2024. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson



Lisa Swab
Laboratory Director

Enclosure(s)

COMMENT ANNEX

This report has been revised to change to our EPA reporting format, as per your request. Please note that this revision cancels and supersedes L624941 (report reference:1) dated 5/7/24 issued by SGS Galson.

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at <http://www.sgsgalson.com> in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead, Environmental Microbiology

State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - Liters	m3 - Cubic Meters	NS - Not Specified	ppbv - ppb Volume
LOQ - Limit of Quantitation	kg - Kilograms	ND - Not Detected	ppmv - ppm Volume
ft2 - Square Feet	cm2 - Square Centimeters	in2 - Square Inches	ng - Nanograms



GALSON

LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC001
Date Sampled : 05/01/24

Lab ID : L624941-1
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.37	0.64	J	1
Freon-12	0.05	0.26	0.16	0.79	0.46	2.3		1
Chloromethane	0.06	0.13	0.16	0.33	0.55	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.44	1.1		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.094	0.22	J	1
Acetone	0.19	0.45	0.50	1.2	3.1	7.2		1
Freon-11	0.04	0.25	0.16	0.90	0.22	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.27	0.66	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Lab ID : L624941-1
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.21	0.61		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.37	J	1
Freon-113	0.05	0.38	0.16	1.2	0.069	0.53	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.10	0.36	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.34	1.0		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	ND	ND	U	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Report ID : 1422565

Client ID : SPAR0430MC001
Date Sampled : 05/01/24

Lab ID : L624941-1
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.087	0.28	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.071	0.45	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Report ID : 1422565

Client ID : SPAR0430MC001
Date Sampled : 05/01/24

Lab ID : L624941-1
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.14	0.52	J	1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Report ID : 1422565

Client ID : SPAR0430MC001
Date Sampled : 05/01/24

Lab ID : L624941-1
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC002
Date Sampled : 05/01/24

Lab ID : L624941-2
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.37	0.63	J	1
Freon-12	0.05	0.26	0.16	0.79	0.43	2.1		1
Chloromethane	0.06	0.13	0.16	0.33	0.55	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.42	1.0		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.079	0.18	J	1
Acetone	0.19	0.45	0.50	1.2	3.0	7.2		1
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.42	1.0	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC002
Date Sampled : 05/01/24

Lab ID : L624941-2
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.26	0.76		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.38	J	1
Freon-113	0.05	0.38	0.16	1.2	0.067	0.51	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.10	0.35	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.33	0.98		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.065	0.23	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.13	0.46	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC002
Date Sampled : 05/01/24

Lab ID : L624941-2
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.087	0.28	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.068	0.43	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Report ID : 1422565

Client ID : SPAR0430MC002
Date Sampled : 05/01/24

Lab ID : L624941-2
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.29	1.1		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	0.12	0.52	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Client ID : SPAR0430MC002
Date Sampled : 05/01/24

Lab ID : L624941-2
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
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Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC003
Date Sampled : 05/01/24

Lab ID : L624941-3
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.51	0.87		1
Freon-12	0.05	0.26	0.16	0.79	0.43	2.1		1
Chloromethane	0.06	0.13	0.16	0.33	0.53	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.51	1.2		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.076	0.17	J	1
Acetone	0.19	0.45	0.50	1.2	3.0	7.0		1
Freon-11	0.04	0.25	0.16	0.90	0.24	1.3		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.46	1.1	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Report ID : 1422565

Client ID : SPAR0430MC003
Date Sampled : 05/01/24

Lab ID : L624941-3
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.40	1.2		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.37	J	1
Freon-113	0.05	0.38	0.16	1.2	0.065	0.50	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.084	0.30	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.33	0.97		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.084	0.30	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.083	0.30	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC003
Date Sampled : 05/01/24

Lab ID : L624941-3
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.20	0.63		1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.070	0.44	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

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Client ID : SPAR0430MC003
Date Sampled : 05/01/24

Lab ID : L624941-3
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.22	0.81		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	0.051	0.22	J	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Client ID : SPAR0430MC003
Date Sampled : 05/01/24

Lab ID : L624941-3
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

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FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC004
Date Sampled : 05/01/24

Lab ID : L624941-4
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.46	0.79	J	1
Freon-12	0.05	0.26	0.16	0.79	0.44	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.55	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.51	1.2		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.15	0.35	J	1
Acetone	0.19	0.45	0.50	1.2	3.7	8.7		1
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.58	1.4		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

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Report ID : 1422565

Client ID : SPAR0430MC004
Date Sampled : 05/01/24

Lab ID : L624941-4
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.36	1.1		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.22	0.76		1
Freon-113	0.05	0.38	0.16	1.2	0.072	0.55	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.13	0.46	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.34	0.99		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.057	0.20	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Report ID : 1422565

Client ID : SPAR0430MC004
Date Sampled : 05/01/24

Lab ID : L624941-4
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	0.071	0.21	J	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.12	0.39	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.069	0.43	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Report ID : 1422565

Client ID : SPAR0430MC004
Date Sampled : 05/01/24

Lab ID : L624941-4
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.21	0.80		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Client ID : SPAR0430MC004
Date Sampled : 05/01/24

Lab ID : L624941-4
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC005
Date Sampled : 05/01/24

Lab ID : L624941-5
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.40	0.68	J	1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.55	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	1.1	2.7		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.21	0.48		1
Acetone	0.19	0.45	0.50	1.2	5.4	13		1
Freon-11	0.04	0.25	0.16	0.90	0.24	1.3		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	1.7	4.1		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Report ID : 1422565

Client ID : SPAR0430MC005
Date Sampled : 05/01/24

Lab ID : L624941-5
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	2.9	8.7		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	1.9	6.7		1
Freon-113	0.05	0.38	0.16	1.2	0.069	0.53	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.24	0.83		1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.40	1.2		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.28	0.97		1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.51	1.9		1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client ID : SPAR0430MC005
Date Sampled : 05/01/24

Lab ID : L624941-5
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.15	0.49	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.071	0.45	J	1
Cyclohexane	0.05	0.20	0.16	0.55	0.17	0.57		1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	0.24	1.1		1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	0.14	0.59	J	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Report ID : 1422565

Client ID : SPAR0430MC005
Date Sampled : 05/01/24

Lab ID : L624941-5
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	1.2	4.4		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	0.076	0.33	J	1
m & p-xylene	0.10	0.45	0.32	1.4	0.26	1.1	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	0.10	0.44	J	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.



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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC005
Date Sampled : 05/01/24

Lab ID : L624941-5
Date Analyzed : 05/06/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	0.070	0.34	J	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24

Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC006
Date Sampled : 05/01/24

Lab ID : L624941-6
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.39	0.67	J	1
Freon-12	0.05	0.26	0.16	0.79	0.44	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.55	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.47	1.1		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.071	0.16	J	1
Acetone	0.19	0.45	0.50	1.2	2.6	6.1		1
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.48	1.2	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC006
Date Sampled : 05/01/24

Lab ID : L624941-6
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.17	0.49		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.39	J	1
Freon-113	0.05	0.38	0.16	1.2	0.067	0.51	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.077	0.27	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.25	0.74		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	ND	ND	U	1
Ethyl Acetate	0.06	0.25	0.16	0.58	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC006
Date Sampled : 05/01/24

Lab ID : L624941-6
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	0.052	0.25	J	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.080	0.26	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.075	0.47	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC006
Date Sampled : 05/01/24

Lab ID : L624941-6
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.13	0.50	J	1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC006
Date Sampled : 05/01/24

Lab ID : L624941-6
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC007
Date Sampled : 05/01/24

Lab ID : L624941-7
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.38	0.66	J	1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.59	1.2		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.48	1.1		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.090	0.21	J	1
Acetone	0.19	0.45	0.50	1.2	2.8	6.7		1
Freon-11	0.04	0.25	0.16	0.90	0.22	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.43	1.1	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client : Center for Toxicology & Env. H
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Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC007
Date Sampled : 05/01/24

Lab ID : L624941-7
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.24	0.70		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.17	0.58		1
Freon-113	0.05	0.38	0.16	1.2	0.076	0.58	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.12	0.40	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.32	0.93		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.071	0.25	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.089	0.32	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24

Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC007
Date Sampled : 05/01/24

Lab ID : L624941-7
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.094	0.30	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.076	0.48	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
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FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC007
Date Sampled : 05/01/24

Lab ID : L624941-7
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.23	0.85		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Login No. : L624941
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Report ID : 1422565

Client ID : SPAR0430MC007
Date Sampled : 05/01/24

Lab ID : L624941-7
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC008
Date Sampled : 05/01/24

Lab ID : L624941-8
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.37	0.64	J	1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.56	1.2		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.46	1.1		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.097	0.22	J	1
Acetone	0.19	0.45	0.50	1.2	3.5	8.3		1
Freon-11	0.04	0.25	0.16	0.90	0.22	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.22	0.53	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC008
Date Sampled : 05/01/24

Lab ID : L624941-8
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.88	2.6		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.12	0.40	J	1
Freon-113	0.05	0.38	0.16	1.2	0.071	0.54	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.10	0.36	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.30	0.89		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.056	0.20	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.10	0.37	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC008
Date Sampled : 05/01/24

Lab ID : L624941-8
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.095	0.30	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.074	0.47	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC008
Date Sampled : 05/01/24

Lab ID : L624941-8
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.13	0.49	J	1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Report ID : 1422565

Client ID : SPAR0430MC008
Date Sampled : 05/01/24

Lab ID : L624941-8
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC009
Date Sampled : 05/01/24

Lab ID : L624941-9
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.38	0.66	J	1
Freon-12	0.05	0.26	0.16	0.79	0.42	2.1		1
Chloromethane	0.06	0.13	0.16	0.33	0.58	1.2		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.46	1.1		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.11	0.24	J	1
Acetone	0.19	0.45	0.50	1.2	3.6	8.5		1
Freon-11	0.04	0.25	0.16	0.90	0.22	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.30	0.74	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC009
Date Sampled : 05/01/24

Lab ID : L624941-9
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	1.1	3.2		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.13	0.43	J	1
Freon-113	0.05	0.38	0.16	1.2	0.072	0.55	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.13	0.44	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.34	1.0		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	ND	ND	U	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.12	0.44	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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GALSON

LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24

Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC009
Date Sampled : 05/01/24

Lab ID : L624941-9
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.098	0.31	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.072	0.45	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC009
Date Sampled : 05/01/24

Lab ID : L624941-9
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.19	0.73		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Client : Center for Toxicology & Env. H
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Client ID : SPAR0430MC009
Date Sampled : 05/01/24

Lab ID : L624941-9
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC010
Date Sampled : 05/01/24

Lab ID : L624941-10
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.37	0.64	J	1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.56	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.41	0.97		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.13	0.29	J	1
Acetone	0.19	0.45	0.50	1.2	3.3	7.8		1
Freon-11	0.04	0.25	0.16	0.90	0.22	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.31	0.76	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC010
Date Sampled : 05/01/24

Lab ID : L624941-10
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.90	2.7		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.38	J	1
Freon-113	0.05	0.38	0.16	1.2	0.068	0.52	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.10	0.37	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.32	0.95		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	ND	ND	U	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.14	0.52	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC010
Date Sampled : 05/01/24

Lab ID : L624941-10
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.081	0.26	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.072	0.45	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	0.061	0.33	J	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Client ID : SPAR0430MC010
Date Sampled : 05/01/24

Lab ID : L624941-10
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.12	0.44	J	1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Report ID : 1422565

Client ID : SPAR0430MC010
Date Sampled : 05/01/24

Lab ID : L624941-10
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
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Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC011
Date Sampled : 05/01/24

Lab ID : L624941-11
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.37	0.64	J	1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.56	1.1		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.49	1.2		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.10	0.23	J	1
Acetone	0.19	0.45	0.50	1.2	2.8	6.7		1
Freon-11	0.04	0.25	0.16	0.90	0.22	1.3		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.31	0.76	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Report ID : 1422565

Client ID : SPAR0430MC011
Date Sampled : 05/01/24

Lab ID : L624941-11
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.37	1.1		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.11	0.38	J	1
Freon-113	0.05	0.38	0.16	1.2	0.071	0.54	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.12	0.43	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.31	0.91		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.10	0.37	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.085	0.31	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Client ID : SPAR0430MC011
Date Sampled : 05/01/24

Lab ID : L624941-11
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.084	0.27	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.068	0.43	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	0.077	0.32	J	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Lab ID : L624941-11
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	1.1	4.2		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	0.070	0.30	J	1
m & p-xylene	0.10	0.45	0.32	1.4	0.17	0.72	J	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Report ID : 1422565

Client ID : SPAR0430MC011
Date Sampled : 05/01/24

Lab ID : L624941-11
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	0.17	0.86		1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC012
Date Sampled : 05/01/24

Lab ID : L624941-12
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.34	0.58	J	1
Freon-12	0.05	0.26	0.16	0.79	0.45	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.57	1.2		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.45	1.1		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.079	0.18	J	1
Acetone	0.19	0.45	0.50	1.2	4.2	10		1
Freon-11	0.04	0.25	0.16	0.90	0.21	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.24	0.58	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Client ID : SPAR0430MC012
Date Sampled : 05/01/24

Lab ID : L624941-12
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.72	2.1		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.10	0.36	J	1
Freon-113	0.05	0.38	0.16	1.2	0.072	0.55	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.092	0.32	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.39	1.1		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	ND	ND	U	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.089	0.32	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.12	0.37	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.070	0.44	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

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Lab ID : L624941-12
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.21	0.78		1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
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FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC012
Date Sampled : 05/01/24

Lab ID : L624941-12
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC013
Date Sampled : 05/01/24

Lab ID : L624941-13
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.33	0.57	J	1
Freon-12	0.05	0.26	0.16	0.79	0.43	2.1		1
Chloromethane	0.06	0.13	0.16	0.33	0.56	1.2		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.40	0.96		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	ND	ND	U	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.11	0.26	J	1
Acetone	0.19	0.45	0.50	1.2	3.0	7.2		1
Freon-11	0.04	0.25	0.16	0.90	0.23	1.3		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.73	1.8		1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Client ID : SPAR0430MC013
Date Sampled : 05/01/24

Lab ID : L624941-13
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	0.81	2.4		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.12	0.42	J	1
Freon-113	0.05	0.38	0.16	1.2	0.075	0.57	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.11	0.39	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.37	1.1		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	ND	ND	U	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.18	0.65		1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Client ID : SPAR0430MC013
Date Sampled : 05/01/24

Lab ID : L624941-13
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.075	0.24	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.078	0.49	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Client ID : SPAR0430MC013
Date Sampled : 05/01/24

Lab ID : L624941-13
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.16	0.60	J	1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
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Report ID : 1422565

Client ID : SPAR0430MC013
Date Sampled : 05/01/24

Lab ID : L624941-13
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
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Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC014
Date Sampled : 05/01/24

Lab ID : L624941-14
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Propylene	0.20	0.35	0.50	0.86	0.37	0.64	J	1
Freon-12	0.05	0.26	0.16	0.79	0.44	2.2		1
Chloromethane	0.06	0.13	0.16	0.33	0.58	1.2		1
Freon-114	0.05	0.39	0.16	1.1	ND	ND	U	1
Vinyl Chloride	0.06	0.16	0.16	0.41	ND	ND	U	1
1,3-Butadiene	0.07	0.16	0.16	0.35	ND	ND	U	1
n-Butane	0.06	0.16	0.16	0.38	0.49	1.2		1
Bromomethane	0.05	0.23	0.16	0.62	ND	ND	U	1
Chloroethane	0.08	0.22	0.16	0.42	ND	ND	U	1
Acetonitrile	0.20	0.33	0.50	0.84	0.37	0.61	J	1
Vinyl Bromide	0.04	0.19	0.16	0.70	ND	ND	U	1
Acrolein	0.06	0.16	0.16	0.37	0.17	0.39		1
Acetone	0.19	0.45	0.50	1.2	3.9	9.3		1
Freon-11	0.04	0.25	0.16	0.90	0.22	1.2		1
Isopropyl Alcohol	0.18	0.43	0.50	1.2	0.34	0.85	J	1
Acrylonitrile	0.06	0.15	0.16	0.35	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Client ID : SPAR0430MC014
Date Sampled : 05/01/24

Lab ID : L624941-14
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Pentane	0.05	0.15	0.16	0.47	1.0	2.9		1
Ethyl Bromide	0.05	0.22	0.16	0.71	ND	ND	U	1
1,1-Dichloroethene	0.04	0.19	0.16	0.63	ND	ND	U	1
tert-Butyl Alcohol	0.16	0.50	0.50	1.5	ND	ND	U	1
Methylene Chloride	0.07	0.26	0.16	0.56	0.15	0.52	J	1
Freon-113	0.05	0.38	0.16	1.2	0.070	0.54	J	1
Carbon Disulfide	0.14	0.42	0.50	1.6	ND	ND	U	1
Allyl Chloride	0.06	0.19	0.16	0.50	ND	ND	U	1
trans-1,2-Dichloroethene	0.05	0.20	0.16	0.63	ND	ND	U	1
1,1-Dichloroethane	0.04	0.18	0.16	0.65	ND	ND	U	1
Methyl tert-Butyl Ether	0.04	0.17	0.16	0.58	ND	ND	U	1
Vinyl Acetate	0.07	0.26	0.16	0.56	0.14	0.50	J	1
Methyl Ethyl Ketone	0.06	0.18	0.16	0.47	0.29	0.86		1
cis-1,2-Dichloroethylene	0.04	0.18	0.16	0.63	ND	ND	U	1
Hexane	0.05	0.20	0.16	0.56	0.064	0.23	J	1
Ethyl Acetate	0.06	0.25	0.16	0.58	0.075	0.27	J	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
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Client ID : SPAR0430MC014
Date Sampled : 05/01/24

Lab ID : L624941-14
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
Chloroform	0.04	0.22	0.16	0.78	ND	ND	U	1
Tetrahydrofuran	0.06	0.19	0.16	0.47	ND	ND	U	1
1,2-Dichloroethane	0.05	0.20	0.16	0.65	ND	ND	U	1
1,1,1-Trichloroethane	0.04	0.23	0.16	0.87	ND	ND	U	1
Benzene	0.04	0.14	0.16	0.51	0.082	0.26	J	1
Carbon Tetrachloride	0.04	0.26	0.16	1.0	0.072	0.45	J	1
Cyclohexane	0.05	0.20	0.16	0.55	ND	ND	U	1
1,2-Dichloropropane	0.04	0.20	0.16	0.74	ND	ND	U	1
Bromodichloromethane	0.04	0.30	0.16	1.1	ND	ND	U	1
1,4-Dioxane	0.06	0.23	0.16	0.58	ND	ND	U	1
Trichloroethylene	0.04	0.24	0.16	0.86	ND	ND	U	1
2,2,4-Trimethylpentane	0.05	0.23	0.16	0.75	ND	ND	U	1
Methyl Methacrylate	0.05	0.24	0.16	0.66	ND	ND	U	1
Heptane	0.05	0.21	0.16	0.66	ND	ND	U	1
cis-1,3-Dichloropropene	0.04	0.20	0.16	0.73	ND	ND	U	1
trans-1,3-Dichloropropene	0.04	0.22	0.16	0.73	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

Field sampling was not performed by Galson. Galson presents results based on sampling data provided by clients.



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LABORATORY ANALYSIS REPORT

LELAP Lab ID #04083

6601 Kirkville Road
East Syracuse, NY 13057
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FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC014
Date Sampled : 05/01/24

Lab ID : L624941-14
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
1,1,2-Trichloroethane	0.04	0.27	0.16	0.87	ND	ND	U	1
Methyl Isobutyl Ketone	0.08	0.34	0.16	0.66	ND	ND	U	1
Toluene	0.05	0.19	0.16	0.60	0.16	0.59	J	1
Methyl Butyl Ketone	0.09	0.38	0.16	0.66	ND	ND	U	1
Dibromochloromethane	0.05	0.45	0.16	1.4	ND	ND	U	1
1,2-Dibromoethane	0.05	0.39	0.16	1.2	ND	ND	U	1
Tetrachloroethylene	0.04	0.33	0.16	1.1	ND	ND	U	1
Chlorobenzene	0.05	0.25	0.16	0.74	ND	ND	U	1
Ethylbenzene	0.04	0.21	0.16	0.69	ND	ND	U	1
m & p-xylene	0.10	0.45	0.32	1.4	ND	ND	U	1
Bromoform	0.05	0.53	0.16	1.7	ND	ND	U	1
Styrene	0.05	0.22	0.16	0.68	ND	ND	U	1
1,1,2,2-Tetrachloroethane	0.05	0.38	0.16	1.1	ND	ND	U	1
o-Xylene	0.05	0.24	0.16	0.69	ND	ND	U	1
Nonane	0.06	0.34	0.16	0.84	ND	ND	U	1
Cumene	0.04	0.23	0.16	0.79	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24
Supervisor: JMR
NYS DOH # : 11626

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Client : Center for Toxicology & Env. H
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Project No. : PROJ-040650
Date Sampled : 01-MAY-24
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Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422565

Client ID : SPAR0430MC014
Date Sampled : 05/01/24

Lab ID : L624941-14
Date Analyzed : 05/07/24

Parameter	MDL ppbv	MDL ug/m3	LOQ ppbv	LOQ ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution Factor
2-Chlorotoluene	0.04	0.24	0.16	0.83	ND	ND	U	1
n-Propylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
4-Ethyltoluene	0.05	0.25	0.16	0.79	ND	ND	U	1
1,3,5-Trimethylbenzene	0.05	0.27	0.16	0.79	ND	ND	U	1
1,2,4-Trimethylbenzene	0.05	0.28	0.16	0.79	ND	ND	U	1
Benzyl Chloride	0.08	0.45	0.16	0.83	ND	ND	U	1
1,3-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,4-Dichlorobenzene	0.05	0.32	0.16	0.96	ND	ND	U	1
1,2-Dichlorobenzene	0.04	0.26	0.16	0.96	ND	ND	U	1
1,2,4-Trichlorobenzene	0.09	0.69	0.16	1.2	ND	ND	U	1
Naphthalene	0.14	0.75	0.16	0.84	ND	ND	U	1
Hexachloro-1,3-butadiene	0.05	0.61	0.16	1.7	ND	ND	U	1

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

QC by : AMD
Approved by : JMR
Date : 22-MAY-24

Supervisor: JMR
NYS DOH # : 11626

< -Less Than mg -Milligrams m3 -Cubic Meters ppbv-Parts per Billion Volume NS -Not Specified l -Liters
> -Greater Than ug -Micrograms ND -Not Detected ppmv-Parts per Million Volume LOQ -Limit of Quantitation NA -Not Applicable

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Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422569

Client ID : SPAR0430MC001

Lab ID : L624941-1

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422569

Client ID : SPAR0430MC002

Lab ID : L624941-2

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422569

Client ID : SPAR0430MC003

Lab ID : L624941-3

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Report ID : 1422569

Client ID : SPAR0430MC004

Lab ID : L624941-4

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422569

Client ID : SPAR0430MC005

Lab ID : L624941-5

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
Ethane, 1,1-difluoro-	000075-37-6	3.92	6.7	18	J
Ethanol	000064-17-5	5.14	1.1	2.1	J

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422569

Client ID : SPAR0430MC006

Lab ID : L624941-6

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422569

Client ID : SPAR0430MC007

Lab ID : L624941-7

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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LABORATORY ANALYSIS REPORT

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Client : Center for Toxicology & Env. H
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Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422569

Client ID : SPAR0430MC008

Lab ID : L624941-8

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422569

Client ID : SPAR0430MC009

Lab ID : L624941-9

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422569

Client ID : SPAR0430MC010

Lab ID : L624941-10

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422569

Client ID : SPAR0430MC011

Lab ID : L624941-11

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Account No.: 13913
Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422569

Client ID : SPAR0430MC012

Lab ID : L624941-12

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422569

Client ID : SPAR0430MC013

Lab ID : L624941-13

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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Login No. : L624941
Date Analyzed : 06-MAY-24 - 07-MAY-24
Report ID : 1422569

Client ID : SPAR0430MC014

Lab ID : L624941-14

<u>Tentatively Identified Compounds</u>	<u>CAS Number</u>	<u>Retention Time</u>	<u>Estimated Concentration</u>		<u>Qual</u>
			<u>ppbv</u>	<u>ug/m3</u>	
No Volatiles Found			0	0.0	

Analytical Method: mod. OSHA PV2120/mod. EPA T015; GC/MS
Collection Media : 6L Canister
Submitted by : CPH

Approved by : JMR
Date : 07-MAY-24

Supervisor: JMR



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LABORATORY FOOTNOTE REPORT

6601 Kirkville Road
East Syracuse, NY 13057
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FAX: (315) 437-0571
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Client Name : Center for Toxicology & Env. Health LLC
Site :
Project No. : PROJ-040650

Date Sampled : 01-MAY-24
Date Received: 02-MAY-24
Date Analyzed: 06-MAY-24 - 07-MAY-24

Account No.: 13913
Login No. : L624941

L624941 (Report ID: 1422565):

EPA qualifiers are as follows:

U - Compound was analyzed for, but not detected.

J - Compound was found greater than the MDL, but less than the LOQ.

B - Compound is found in the associated method blank as well as in the sample.

SOPs: in-vocs(44)

L624941-3 (Report ID: 1422565):

Propylene results may be biased high due to co-elution with Propane.

L624941 (Report ID: 1422565):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
1,1,2,2-Tetrachloroethane	+/-13.9%	96.1%
1,1,2-Trichloroethane	+/-12.7%	96.3%
1,1-Dichloroethane	+/-13.8%	97.9%
1,1-Dichloroethene	+/-14.9%	101%
1,2,4-Trichlorobenzene	+/-24.6%	102%
1,2,4-Trimethylbenzene	+/-16.2%	98.3%
1,2-Dibromoethane	+/-13.7%	97.6%
1,2-Dichlorobenzene	+/-14.7%	99.7%
1,2-Dichloroethane	+/-12.9%	96.7%
1,2-Dichloropropane	+/-14.3%	98.2%
1,3,5-Trimethylbenzene	+/-14.4%	98%
1,3-Dichlorobenzene	+/-15.3%	99.9%
1,4-Dichlorobenzene	+/-15.9%	99.3%
2,2,4-Trimethylpentane	+/-15.4%	98.6%
2-Chlorotoluene	+/-14.8%	99.4%
4-Ethyltoluene	+/-15.2%	102%
Acrolein	+/-25.2%	90.7%
Acrylonitrile	+/-19.1%	99.8%
Allyl Chloride	+/-22%	96.8%
Acetonitrile	+/-25%	98.1%
Acetone	+/-17.7%	95.6%
Bromodichloromethane	+/-13.7%	98.2%
Bromoform	+/-20.8%	109%
1,3-Butadiene	+/-17.2%	97.2%
n-Butane	+/-19.4%	92.7%
Benzene	+/-13.6%	97.7%



GALSON

LABORATORY FOOTNOTE REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client Name : Center for Toxicology & Env. Health LLC
Site :
Project No. : PROJ-040650

Date Sampled : 01-MAY-24
Date Received: 02-MAY-24
Date Analyzed: 06-MAY-24 - 07-MAY-24

Account No.: 13913
Login No. : L624941

Benzyl Chloride	+/-21%	112%
Carbon Disulfide	+/-15.3%	103%
Carbon Tetrachloride	+/-14.3%	101%
cis-1,2-Dichloroethylene	+/-14.2%	98.5%
cis-1,3-Dichloropropene	+/-17.7%	97.2%
Chlorobenzene	+/-12.7%	96.4%
Dibromochloromethane	+/-16.1%	104%
Chloroform	+/-12.4%	97.9%
Cumene	+/-13.4%	91.2%
Cyclohexane	+/-17.8%	101%
1,4-Dioxane	+/-16.5%	100%
Ethyl Acetate	+/-19.6%	97.8%
Ethylbenzene	+/-15.2%	96.8%
Chloroethane	+/-21%	97.6%
Ethyl Bromide	+/-12.6%	97.6%
Freon-11	+/-12.8%	97.3%
Freon-113	+/-12.6%	100%
Freon-114	+/-14.4%	91.3%
Freon-12	+/-14%	97.3%
Heptane	+/-19.2%	97.2%
Hexachloro-1,3-butadiene	+/-18.8%	95%
Isopropyl Alcohol	+/-18.3%	90.1%
1,1,1-Trichloroethane	+/-12.8%	95.4%
Bromomethane	+/-15%	98.1%
Chloromethane	+/-21.6%	93.4%
Methylene Chloride	+/-14%	97.9%
Methyl Ethyl Ketone	+/-18.8%	97.2%
Methyl Methacrylate	+/-17.2%	98%
Methyl Isobutyl Ketone	+/-21.4%	97.1%
Methyl Butyl Ketone	+/-24.8%	96.1%
m & p-xylene	+/-15%	98.4%
Methyl tert-Butyl Ether	+/-16.3%	101%
Naphthalene	+/-25%	106%
Hexane	+/-18%	100%
Nonane	+/-17.8%	99.1%
n-Propylbenzene	+/-14.8%	98.6%
o-Xylene	+/-15%	97.8%
Propylene	+/-21.4%	93%
Pentane	+/-20.6%	96.7%
Styrene	+/-16.4%	101%
Trichloroethylene	+/-12.4%	97.8%
tert-Butyl Alcohol	+/-16.3%	98.9%
Tetrachloroethylene	+/-13.6%	97.4%
Tetrahydrofuran	+/-21.6%	106%
Toluene	+/-16.5%	99.2%



GALSON

LABORATORY FOOTNOTE REPORT

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Client Name : Center for Toxicology & Env. Health LLC
Site :
Project No. : PROJ-040650

Date Sampled : 01-MAY-24
Date Received: 02-MAY-24
Date Analyzed: 06-MAY-24 - 07-MAY-24

Account No.: 13913
Login No. : L624941

trans-1,2-Dichloroethene	+/-14.4%	98.7%
trans-1,3-Dichloropropene	+/-17.1%	111%
Vinyl Acetate	+/-23.8%	85.4%
Vinyl Bromide	+/-15.7%	100%
Vinyl Chloride	+/-17.5%	96.7%

L624941 (Report ID: 1422569):

Note: Any detected siloxanes are always deleted from TIC results, as they may be artifacts contributed by the sampling/chromatographic system.
Non-target compounds detected in any samples are tentatively identified by using a search of the NIST/EPA Mass Spectral Library, which contains nearly two hundred thousand compounds. Compounds not detected will not be listed on the report. Compounds with very low quality matches will be reported as "unknown."
SOPs: in-vocs(44)
Tentatively Identified Compounds (TICS) are estimated values.
TICS are calculated using an average response factor of 1 for all compounds.

Sample: WG590044-6

Spike lot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/06/24 12:27:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537343

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	10.423	10	104	70.0 to 130.				
Freon-12	11.115	10	111	70.0 to 130.				
Chloromethane	10.13	10	101	70.0 to 130.				
Freon-114	10.502	10	105	70.0 to 130.				
Vinyl Chloride	10.395	10	104	70.0 to 130.				
1,3-Butadiene	10.032	10	100	70.0 to 130.				
n-Butane	9.501	10	95	70.0 to 130.				
Bromomethane	10.484	10	105	70.0 to 130.				
Chloroethane	10.153	10	102	70.0 to 130.				
Acetonitrile	10.604	10	106	70.0 to 130.				
Vinyl Bromide	10.859	10	109	70.0 to 130.				
Acrolein	10.289	10	103	70.0 to 130.				
Acetone	10.161	10	102	70.0 to 130.				
Freon-11	10.858	10	109	70.0 to 130.				
Isopropyl Alcohol	10.024	10	100	70.0 to 130.				
Acrylonitrile	10.594	10	106	70.0 to 130.				
Pentane	10.398	10	104	70.0 to 130.				
Ethyl Bromide	10.825	10	108	70.0 to 130.				
1,1-Dichloroethene	10.662	10	107	70.0 to 130.				
tert-Butyl Alcohol	10.19	10	102	70.0 to 130.				
Methylene Chloride	10.598	10	106	70.0 to 130.				
Freon-113	10.67	10	107	70.0 to 130.				
Carbon Disulfide	10.49	10	105	70.0 to 130.				
Allyl Chloride	10.434	10	104	70.0 to 130.				
trans-1,2-Dichloroethene	10.599	10	106	70.0 to 130.				
1,1-Dichloroethane	10.613	10	106	70.0 to 130.				
Methyl tert-Butyl Ether	10.57	10	106	70.0 to 130.				
Vinyl Acetate	9.468	10	94.7	70.0 to 130.				
Methyl Ethyl Ketone	9.922	10	99.2	70.0 to 130.				
cis-1,2-Dichloroethylene	10.569	10	106	70.0 to 130.				
Hexane	10.537	10	105	70.0 to 130.				
Ethyl Acetate	9.762	10	97.6	70.0 to 130.				
Chloroform	10.581	10	106	70.0 to 130.				
Tetrahydrofuran	9.775	10	97.8	70.0 to 130.				
1,2-Dichloroethane	10.499	10	105	70.0 to 130.				
1,1,1-Trichloroethane	10.7	10	107	70.0 to 130.				
Benzene	10.519	10	105	70.0 to 130.				



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GCMS QC RECOVERY REPORT

Work Group: WG590044

Sample: WG590044-6

Spike lot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/06/24 12:27:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537343

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Tetrachloride	10.723	10	107	70.0 to 130.				
Cyclohexane	10.511	10	105	70.0 to 130.				
1,2-Dichloropropane	10.769	10	108	70.0 to 130.				
Bromodichloromethane	10.75	10	108	70.0 to 130.				
1,4-Dioxane	8.447	10	84.5	70.0 to 130.				
Trichloroethylene	10.627	10	106	70.0 to 130.				
2,2,4-Trimethylpentane	10.353	10	104	70.0 to 130.				
Methyl Methacrylate	9.926	10	99.3	70.0 to 130.				
Heptane	10.376	10	104	70.0 to 130.				
cis-1,3-Dichloropropene	10.701	10	107	70.0 to 130.				
trans-1,3-Dichloropropene	10.452	10	105	70.0 to 130.				
1,1,2-Trichloroethane	10.666	10	107	70.0 to 130.				
Methyl Isobutyl Ketone	9.629	10	96.3	70.0 to 130.				
Toluene	10.148	10	101	70.0 to 130.				
Methyl Butyl Ketone	8.594	10	85.9	70.0 to 130.				
Dibromochloromethane	10.272	10	103	70.0 to 130.				
1,2-Dibromoethane	10.099	10	101	70.0 to 130.				
Tetrachloroethylene	10.379	10	104	70.0 to 130.				
Chlorobenzene	10.059	10	101	70.0 to 130.				
Ethylbenzene	10.219	10	102	70.0 to 130.				
m & p-xylene	20.127	20	101	70.0 to 130.				
Bromoform	10.322	10	103	70.0 to 130.				
Styrene	10.218	10	102	70.0 to 130.				
1,1,2,2-Tetrachloroethane	10.134	10	101	70.0 to 130.				
o-Xylene	10.014	10	100	70.0 to 130.				
Nonane	10.104	10	101	70.0 to 130.				
Cumene	10.28	10	103	70.0 to 130.				
2-Chlorotoluene	10.487	10	105	70.0 to 130.				
n-Propylbenzene	10.413	10	104	70.0 to 130.				
4-Ethyltoluene	10.358	10	104	70.0 to 130.				
1,3,5-Trimethylbenzene	10.239	10	102	70.0 to 130.				
1,2,4-Trimethylbenzene	10.441	10	104	70.0 to 130.				
Benzyl Chloride	10.62	10	106	70.0 to 130.				
1,3-Dichlorobenzene	10.382	10	104	70.0 to 130.				
1,4-Dichlorobenzene	10.455	10	105	70.0 to 130.				
1,2-Dichlorobenzene	10.447	10	104	70.0 to 130.				
1,2,4-Trichlorobenzene	12.195	10	122	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG590044

Sample: WG590044-6

Spike lot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/06/24 12:27:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537343

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Naphthalene	11.846	10	118	70.0 to 130.				
Hexachloro-1,3-butadiene	11.536	10	115	70.0 to 130.				

Sample: WG590044-2

Spike lot: IH742566

QC Type: LCS

Raw File:

Analysis date: 05/06/24 13:13:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537344

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	9.922	10	99.2	70.0 to 130.				
Freon-12	11.037	10	110	70.0 to 130.				
Chloromethane	10.005	10	100	70.0 to 130.				
Freon-114	9.952	10	99.5	70.0 to 130.				
Vinyl Chloride	10.329	10	103	70.0 to 130.				
1,3-Butadiene	10.249	10	102	70.0 to 130.				
n-Butane	9.462	10	94.6	70.0 to 130.				
Bromomethane	10.403	10	104	70.0 to 130.				
Chloroethane	10.313	10	103	70.0 to 130.				
Acetonitrile	10.319	10	103	70.0 to 130.				
Vinyl Bromide	11.019	10	110	70.0 to 130.				
Acrolein	8.628	10	86.3	70.0 to 130.				
Acetone	10.01	10	100	70.0 to 130.				
Freon-11	10.649	10	106	70.0 to 130.				
Isopropyl Alcohol	8.927	10	89.3	70.0 to 130.				
Acrylonitrile	10.475	10	105	70.0 to 130.				
Pentane	10.449	10	104	70.0 to 130.				
Ethyl Bromide	10.674	10	107	70.0 to 130.				
1,1-Dichloroethene	10.77	10	108	70.0 to 130.				
tert-Butyl Alcohol	10.011	10	100	70.0 to 130.				
Methylene Chloride	10.553	10	106	70.0 to 130.				
Freon-113	10.589	10	106	70.0 to 130.				
Carbon Disulfide	10.73	10	107	70.0 to 130.				
Allyl Chloride	10.61	10	106	70.0 to 130.				
trans-1,2-Dichloroethene	10.644	10	106	70.0 to 130.				
1,1-Dichloroethane	10.643	10	106	70.0 to 130.				
Methyl tert-Butyl Ether	10.67	10	107	70.0 to 130.				
Vinyl Acetate	8.308	10	83.1	70.0 to 130.				
Methyl Ethyl Ketone	10.029	10	100	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG590044

Sample: WG590044-2

Spikelot: IH742566

QC Type: LCS

Raw File:

Analysis date: 05/06/24 13:13:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537344

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
cis-1,2-Dichloroethylene	10.445	10	104	70.0 to 130.				
Hexane	10.623	10	106	70.0 to 130.				
Ethyl Acetate	9.787	10	97.9	70.0 to 130.				
Chloroform	10.517	10	105	70.0 to 130.				
Tetrahydrofuran	10.562	10	106	70.0 to 130.				
1,2-Dichloroethane	10.411	10	104	70.0 to 130.				
1,1,1-Trichloroethane	10.259	10	103	70.0 to 130.				
Benzene	10.396	10	104	70.0 to 130.				
Carbon Tetrachloride	10.646	10	106	70.0 to 130.				
Cyclohexane	10.591	10	106	70.0 to 130.				
1,2-Dichloropropane	10.745	10	107	70.0 to 130.				
Bromodichloromethane	10.501	10	105	70.0 to 130.				
1,4-Dioxane	8.533	10	85.3	70.0 to 130.				
Trichloroethylene	10.558	10	106	70.0 to 130.				
2,2,4-Trimethylpentane	10.39	10	104	70.0 to 130.				
Methyl Methacrylate	9.737	10	97.4	70.0 to 130.				
Heptane	10.299	10	103	70.0 to 130.				
cis-1,3-Dichloropropene	9.825	10	98.3	70.0 to 130.				
trans-1,3-Dichloropropene	11.242	10	112	70.0 to 130.				
1,1,2-Trichloroethane	10.276	10	103	70.0 to 130.				
Methyl Isobutyl Ketone	9.61	10	96.1	70.0 to 130.				
Toluene	10.169	10	102	70.0 to 130.				
Methyl Butyl Ketone	8.381	10	83.8	70.0 to 130.				
Dibromochloromethane	10.342	10	103	70.0 to 130.				
1,2-Dibromoethane	9.851	10	98.5	70.0 to 130.				
Tetrachloroethylene	10.113	10	101	70.0 to 130.				
Chlorobenzene	9.884	10	98.8	70.0 to 130.				
Ethylbenzene	10.014	10	100	70.0 to 130.				
m & p-xylene	19.769	20	98.8	70.0 to 130.				
Bromoform	10.356	10	104	70.0 to 130.				
Styrene	9.977	10	99.8	70.0 to 130.				
1,1,2,2-Tetrachloroethane	9.737	10	97.4	70.0 to 130.				
o-Xylene	9.926	10	99.3	70.0 to 130.				
Nonane	9.964	10	99.6	70.0 to 130.				
Cumene	9.337	10	93.4	70.0 to 130.				
2-Chlorotoluene	10.292	10	103	70.0 to 130.				
n-Propylbenzene	9.999	10	100	70.0 to 130.				



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GCMS QC RECOVERY REPORT

Work Group: WG590044

Sample: WG590044-2

Spikelot: IH742566

QC Type: LCS

Raw File:

Analysis date: 05/06/24 13:13:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537344

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
4-Ethyltoluene	10.273	10	103	70.0 to 130.				
1,3,5-Trimethylbenzene	9.841	10	98.4	70.0 to 130.				
1,2,4-Trimethylbenzene	9.89	10	98.9	70.0 to 130.				
Benzyl Chloride	10.102	10	101	70.0 to 130.				
1,3-Dichlorobenzene	9.905	10	99.1	70.0 to 130.				
1,4-Dichlorobenzene	10.002	10	100	70.0 to 130.				
1,2-Dichlorobenzene	9.959	10	99.6	70.0 to 130.				
1,2,4-Trichlorobenzene	10.567	10	106	70.0 to 130.				
Naphthalene	10.141	10	101	70.0 to 130.				
Hexachloro-1,3-butadiene	10.173	10	102	70.0 to 130.				

Sample: WG590044-3

Spikelot: IH742566

QC Type: LCSD

Raw File:

Analysis date: 05/06/24 14:00:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537345

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	9.687	10	96.9	70.0 to 130.			2.4	-25 to 25.0
Freon-12	10.884	10	109	70.0 to 130.			1.4	-25 to 25.0
Chloromethane	9.81	10	98.1	70.0 to 130.			1.97	-25 to 25.0
Freon-114	9.791	10	97.9	70.0 to 130.			1.63	-25 to 25.0
Vinyl Chloride	10.291	10	103	70.0 to 130.			.369	-25 to 25.0
1,3-Butadiene	10.222	10	102	70.0 to 130.			.264	-25 to 25.0
n-Butane	9.399	10	94	70.0 to 130.			.668	-25 to 25.0
Bromomethane	10.507	10	105	70.0 to 130.			.995	-25 to 25.0
Chloroethane	10.281	10	103	70.0 to 130.			.311	-25 to 25.0
Acetonitrile	10.122	10	101	70.0 to 130.			1.93	-25 to 25.0
Vinyl Bromide	11.064	10	111	70.0 to 130.			.408	-25 to 25.0
Acrolein	8.649	10	86.5	70.0 to 130.			.243	-25 to 25.0
Acetone	9.869	10	98.7	70.0 to 130.			1.42	-25 to 25.0
Freon-11	10.53	10	105	70.0 to 130.			1.12	-25 to 25.0
Isopropyl Alcohol	8.864	10	88.6	70.0 to 130.			.708	-25 to 25.0
Acrylonitrile	10.378	10	104	70.0 to 130.			.93	-25 to 25.0
Pentane	10.343	10	103	70.0 to 130.			1.02	-25 to 25.0
Ethyl Bromide	10.677	10	107	70.0 to 130.			.0281	-25 to 25.0
1,1-Dichloroethene	10.601	10	106	70.0 to 130.			1.58	-25 to 25.0
tert-Butyl Alcohol	9.914	10	99.1	70.0 to 130.			.974	-25 to 25.0
Methylene Chloride	10.506	10	105	70.0 to 130.			.446	-25 to 25.0



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG590044

Sample: WG590044-3

Spike lot: IH742566

QC Type: LCSD

Raw File:

Analysis date: 05/06/24 14:00:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537345

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Freon-113	10.535	10	105	70.0 to 130.			.511	-25 to 25.0
Carbon Disulfide	10.68	10	107	70.0 to 130.			.467	-25 to 25.0
Allyl Chloride	10.515	10	105	70.0 to 130.			.899	-25 to 25.0
trans-1,2-Dichloroethene	10.472	10	105	70.0 to 130.			1.63	-25 to 25.0
1,1-Dichloroethane	10.523	10	105	70.0 to 130.			1.13	-25 to 25.0
Methyl tert-Butyl Ether	10.56	10	106	70.0 to 130.			1.04	-25 to 25.0
Vinyl Acetate	8.152	10	81.5	70.0 to 130.			1.9	-25 to 25.0
Methyl Ethyl Ketone	9.734	10	97.3	70.0 to 130.			2.99	-25 to 25.0
cis-1,2-Dichloroethylene	10.317	10	103	70.0 to 130.			1.23	-25 to 25.0
Hexane	10.533	10	105	70.0 to 130.			.851	-25 to 25.0
Ethyl Acetate	9.588	10	95.9	70.0 to 130.			2.05	-25 to 25.0
Chloroform	10.37	10	104	70.0 to 130.			1.41	-25 to 25.0
Tetrahydrofuran	10.327	10	103	70.0 to 130.			2.25	-25 to 25.0
1,2-Dichloroethane	10.312	10	103	70.0 to 130.			.955	-25 to 25.0
1,1,1-Trichloroethane	10.234	10	102	70.0 to 130.			.244	-25 to 25.0
Benzene	10.356	10	104	70.0 to 130.			.386	-25 to 25.0
Carbon Tetrachloride	10.721	10	107	70.0 to 130.			.702	-25 to 25.0
Cyclohexane	10.578	10	106	70.0 to 130.			.123	-25 to 25.0
1,2-Dichloropropane	10.794	10	108	70.0 to 130.			.455	-25 to 25.0
Bromodichloromethane	10.482	10	105	70.0 to 130.			.181	-25 to 25.0
1,4-Dioxane	8.482	10	84.8	70.0 to 130.			.599	-25 to 25.0
Trichloroethylene	10.576	10	106	70.0 to 130.			.17	-25 to 25.0
2,2,4-Trimethylpentane	10.394	10	104	70.0 to 130.			.0385	-25 to 25.0
Methyl Methacrylate	9.609	10	96.1	70.0 to 130.			1.32	-25 to 25.0
Heptane	10.274	10	103	70.0 to 130.			.243	-25 to 25.0
cis-1,3-Dichloropropene	9.812	10	98.1	70.0 to 130.			.132	-25 to 25.0
trans-1,3-Dichloropropene	11.153	10	112	70.0 to 130.			.795	-25 to 25.0
1,1,2-Trichloroethane	10.29	10	103	70.0 to 130.			.136	-25 to 25.0
Methyl Isobutyl Ketone	9.664	10	96.6	70.0 to 130.			.56	-25 to 25.0
Toluene	10.228	10	102	70.0 to 130.			.579	-25 to 25.0
Methyl Butyl Ketone	8.434	10	84.3	70.0 to 130.			.63	-25 to 25.0
Dibromochloromethane	10.43	10	104	70.0 to 130.			.847	-25 to 25.0
1,2-Dibromoethane	9.924	10	99.2	70.0 to 130.			.738	-25 to 25.0
Tetrachloroethylene	10.225	10	102	70.0 to 130.			1.1	-25 to 25.0
Chlorobenzene	9.97	10	99.7	70.0 to 130.			.866	-25 to 25.0
Ethylbenzene	10.092	10	101	70.0 to 130.			.776	-25 to 25.0
m & p-xylene	19.919	20	99.6	70.0 to 130.			.756	-25 to 25.0



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG590044

Sample: WG590044-3

Spikelot: IH742566

QC Type: LCSD

Raw File:

Analysis date: 05/06/24 14:00:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537345

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Bromoform	10.495	10	105	70.0 to 130.			1.33	-25 to 25.0
Styrene	10.07	10	101	70.0 to 130.			.928	-25 to 25.0
1,1,2,2-Tetrachloroethane	9.822	10	98.2	70.0 to 130.			.869	-25 to 25.0
o-Xylene	10.002	10	100	70.0 to 130.			.763	-25 to 25.0
Nonane	9.985	10	99.9	70.0 to 130.			.211	-25 to 25.0
Cumene	9.402	10	94	70.0 to 130.			.694	-25 to 25.0
2-Chlorotoluene	10.451	10	105	70.0 to 130.			1.53	-25 to 25.0
n-Propylbenzene	10.094	10	101	70.0 to 130.			.946	-25 to 25.0
4-Ethyltoluene	10.387	10	104	70.0 to 130.			1.1	-25 to 25.0
1,3,5-Trimethylbenzene	10	10	100	70.0 to 130.			1.6	-25 to 25.0
1,2,4-Trimethylbenzene	9.996	10	100	70.0 to 130.			1.07	-25 to 25.0
Benzyl Chloride	10.198	10	102	70.0 to 130.			.946	-25 to 25.0
1,3-Dichlorobenzene	9.99	10	99.9	70.0 to 130.			.854	-25 to 25.0
1,4-Dichlorobenzene	10.064	10	101	70.0 to 130.			.618	-25 to 25.0
1,2-Dichlorobenzene	10.128	10	101	70.0 to 130.			1.68	-25 to 25.0
1,2,4-Trichlorobenzene	10.577	10	106	70.0 to 130.			.0946	-25 to 25.0
Naphthalene	10.096	10	101	70.0 to 130.			.445	-25 to 25.0
Hexachloro-1,3-butadiene	10.237	10	102	70.0 to 130.			.627	-25 to 25.0

Sample: WG590044-4

Spikelot: IH742212

QC Type: DLS

Raw File:

Analysis date: 05/06/24 15:33:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537346

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Freon-12	.172	.16	108	60.0 to 140.				
Chloromethane	.158	.16	98.8	60.0 to 140.				
Freon-114	.161	.16	101	60.0 to 140.				
Vinyl Chloride	.159	.16	99.4	60.0 to 140.				
1,3-Butadiene	.157	.16	98.1	60.0 to 140.				
n-Butane	.149	.16	93.1	60.0 to 140.				
Bromomethane	.164	.16	103	60.0 to 140.				
Chloroethane	.161	.16	101	60.0 to 140.				
Vinyl Bromide	.164	.16	103	60.0 to 140.				
Acrolein	.168	.16	105	60.0 to 140.				
Freon-11	.17	.16	106	60.0 to 140.				
Acrylonitrile	.152	.16	95	60.0 to 140.				
Pentane	.167	.16	104	60.0 to 140.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG590044

Sample: WG590044-4

Spikelot: IH742212

QC Type: DLS

Raw File:

Analysis date: 05/06/24 15:33:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537346

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Ethyl Bromide	.159	.16	99.4	60.0 to 140.				
1,1-Dichloroethene	.167	.16	104	60.0 to 140.				
Methylene Chloride	.172	.16	108	60.0 to 140.				
Freon-113	.174	.16	109	60.0 to 140.				
Allyl Chloride	.175	.16	109	60.0 to 140.				
trans-1,2-Dichloroethene	.168	.16	105	60.0 to 140.				
1,1-Dichloroethane	.168	.16	105	60.0 to 140.				
Methyl tert-Butyl Ether	.164	.16	103	60.0 to 140.				
Vinyl Acetate	.165	.16	103	60.0 to 140.				
Methyl Ethyl Ketone	.169	.16	106	60.0 to 140.				
cis-1,2-Dichloroethylene	.163	.16	102	60.0 to 140.				
Hexane	.172	.16	108	60.0 to 140.				
Ethyl Acetate	.155	.16	96.9	60.0 to 140.				
Chloroform	.17	.16	106	60.0 to 140.				
Tetrahydrofuran	.167	.16	104	60.0 to 140.				
1,2-Dichloroethane	.173	.16	108	60.0 to 140.				
1,1,1-Trichloroethane	.172	.16	108	60.0 to 140.				
Benzene	.164	.16	103	60.0 to 140.				
Carbon Tetrachloride	.16	.16	100	60.0 to 140.				
Cyclohexane	.17	.16	106	60.0 to 140.				
1,2-Dichloropropane	.171	.16	107	60.0 to 140.				
Bromodichloromethane	.16	.16	100	60.0 to 140.				
1,4-Dioxane	.21	.16	131	60.0 to 140.				
Trichloroethylene	.168	.16	105	60.0 to 140.				
2,2,4-Trimethylpentane	.168	.16	105	60.0 to 140.				
Methyl Methacrylate	.156	.16	97.5	60.0 to 140.				
Heptane	.156	.16	97.5	60.0 to 140.				
cis-1,3-Dichloropropene	.161	.16	101	60.0 to 140.				
trans-1,3-Dichloropropene	.153	.16	95.6	60.0 to 140.				
1,1,2-Trichloroethane	.169	.16	106	60.0 to 140.				
Methyl Isobutyl Ketone	.161	.16	101	60.0 to 140.				
Toluene	.167	.16	104	60.0 to 140.				
Methyl Butyl Ketone	.169	.16	106	60.0 to 140.				
Dibromochloromethane	.159	.16	99.4	60.0 to 140.				
1,2-Dibromoethane	.162	.16	101	60.0 to 140.				
Tetrachloroethylene	.172	.16	108	60.0 to 140.				
Chlorobenzene	.167	.16	104	60.0 to 140.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG590044

Sample: WG590044-4

Spikelot: IH742212

QC Type: DLS

Raw File:

Analysis date: 05/06/24 15:33:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537346

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Ethylbenzene	.158	.16	98.8	60.0 to 140.				
m & p-xylene	.322	.32	101	60.0 to 140.				
Bromoform	.148	.16	92.5	60.0 to 140.				
Styrene	.153	.16	95.6	60.0 to 140.				
1,1,2,2-Tetrachloroethane	.16	.16	100	60.0 to 140.				
o-Xylene	.166	.16	104	60.0 to 140.				
Nonane	.156	.16	97.5	60.0 to 140.				
Cumene	.161	.16	101	60.0 to 140.				
2-Chlorotoluene	.157	.16	98.1	60.0 to 140.				
n-Propylbenzene	.164	.16	103	60.0 to 140.				
4-Ethyltoluene	.156	.16	97.5	60.0 to 140.				
1,3,5-Trimethylbenzene	.161	.16	101	60.0 to 140.				
1,2,4-Trimethylbenzene	.161	.16	101	60.0 to 140.				
Benzyl Chloride	.117	.16	73.1	60.0 to 140.				
1,3-Dichlorobenzene	.147	.16	91.9	60.0 to 140.				
1,4-Dichlorobenzene	.138	.16	86.3	60.0 to 140.				
1,2-Dichlorobenzene	.159	.16	99.4	60.0 to 140.				
1,2,4-Trichlorobenzene	.114	.16	71.3	60.0 to 140.				
Naphthalene	.118	.16	73.8	60.0 to 140.				
Hexachloro-1,3-butadiene	.166	.16	104	60.0 to 140.				

Sample: WG590044-5

Spikelot: IH742212

QC Type: DLS

Raw File:

Analysis date: 05/06/24 16:20:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537347

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	.569	.5	114	60.0 to 140.				
Acetonitrile	.51	.5	102	60.0 to 140.				
Acetone	.536	.5	107	60.0 to 140.				
Isopropyl Alcohol	.548	.5	110	60.0 to 140.				
tert-Butyl Alcohol	.523	.5	105	60.0 to 140.				
Carbon Disulfide	.553	.5	111	60.0 to 140.				

Sample: WG590044-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/06/24 17:13:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537477



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG590044

Sample: WG590044-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/06/24 17:13:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537477

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	.074	<0.5						
Freon-12	0	<0.16						
Chloromethane	0	<0.16						
Freon-114	0	<0.16						
Vinyl Chloride	0	<0.16						
1,3-Butadiene	0	<0.16						
n-Butane	0	<0.16						
Bromomethane	0	<0.16						
Chloroethane	0	<0.16						
Acetonitrile	0	<0.5						
Vinyl Bromide	0	<0.16						
Acrolein	0	<0.16						
Acetone	.047	<0.5						
Freon-11	0	<0.16						
Isopropyl Alcohol	.041	<0.50						
Acrylonitrile	0	<0.16						
Pentane	0	<0.16						
Ethyl Bromide	0	<0.16						
1,1-Dichloroethene	0	<0.16						
tert-Butyl Alcohol	0	<0.5						
Methylene Chloride	0	<0.16						
Freon-113	0	<0.16						
Carbon Disulfide	0	<0.5						
Allyl Chloride	0	<0.16						
trans-1,2-Dichloroethene	0	<0.16						
1,1-Dichloroethane	0	<0.16						
Methyl tert-Butyl Ether	0	<0.16						
Vinyl Acetate	0	<0.16						
Methyl Ethyl Ketone	0	<0.16						
cis-1,2-Dichloroethylene	0	<0.16						
Hexane	0	<0.16						
Ethyl Acetate	0	<0.16						
Chloroform	0	<0.16						
Tetrahydrofuran	0	<0.16						
1,2-Dichloroethane	0	<0.16						
1,1,1-Trichloroethane	0	<0.16						
Benzene	0	<0.16						



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG590044

Sample: WG590044-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/06/24 17:13:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537477

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Tetrachloride	0	<0.16						
Cyclohexane	0	<0.16						
1,2-Dichloropropane	0	<0.16						
Bromodichloromethane	0	<0.16						
1,4-Dioxane	0	<0.16						
Trichloroethylene	0	<0.16						
2,2,4-Trimethylpentane	0	<0.16						
Methyl Methacrylate	0	<0.16						
Heptane	0	<0.16						
cis-1,3-Dichloropropene	0	<0.16						
trans-1,3-Dichloropropene	0	<0.16						
1,1,2-Trichloroethane	0	<0.16						
Methyl Isobutyl Ketone	0	<0.16						
Toluene	0	<0.16						
Methyl Butyl Ketone	0	<0.16						
Dibromochloromethane	0	<0.16						
1,2-Dibromoethane	0	<0.16						
Tetrachloroethylene	0	<0.16						
Chlorobenzene	0	<0.16						
Ethylbenzene	0	<0.16						
m & p-xylene	0	<0.32						
Bromoform	0	<0.16						
Styrene	0	<0.16						
1,1,2,2-Tetrachloroethane	0	<0.16						
o-Xylene	0	<0.16						
Nonane	0	<0.16						
Cumene	0	<0.16						
2-Chlorotoluene	0	<0.16						
n-Propylbenzene	0	<0.16						
4-Ethyltoluene	0	<0.16						
1,3,5-Trimethylbenzene	0	<0.16						
1,2,4-Trimethylbenzene	0	<0.16						
Benzyl Chloride	0	<0.16						
1,3-Dichlorobenzene	0	<0.16						
1,4-Dichlorobenzene	0	<0.16						
1,2-Dichlorobenzene	0	<0.16						
1,2,4-Trichlorobenzene	0	<0.16						



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG590044

Sample: WG590044-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/06/24 17:13:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15537477

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Naphthalene	0	<0.16						
Hexachloro-1,3-butadiene	0	<0.16						

Sample: WG590044-1

Spikelot: NA

QC Type: BLANK

Raw File:

Analysis date: 05/06/24 17:13:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15540256

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
No Volatiles Found	0	<0						

Sample: WG590044-7

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/07/24 08:39:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15540219

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Propylene	10.733	10	107	70.0 to 130.				
Freon-12	11.378	10	114	70.0 to 130.				
Chloromethane	10.447	10	104	70.0 to 130.				
Freon-114	10.813	10	108	70.0 to 130.				
Vinyl Chloride	10.509	10	105	70.0 to 130.				
1,3-Butadiene	10.33	10	103	70.0 to 130.				
n-Butane	9.805	10	98.1	70.0 to 130.				
Bromomethane	10.614	10	106	70.0 to 130.				
Chloroethane	10.224	10	102	70.0 to 130.				
Acetonitrile	10.973	10	110	70.0 to 130.				
Vinyl Bromide	11.017	10	110	70.0 to 130.				
Acrolein	10.508	10	105	70.0 to 130.				
Acetone	10.538	10	105	70.0 to 130.				
Freon-11	11.071	10	111	70.0 to 130.				
Isopropyl Alcohol	10.274	10	103	70.0 to 130.				
Acrylonitrile	10.754	10	108	70.0 to 130.				
Pentane	10.752	10	108	70.0 to 130.				
Ethyl Bromide	10.982	10	110	70.0 to 130.				
1,1-Dichloroethene	10.859	10	109	70.0 to 130.				
tert-Butyl Alcohol	10.289	10	103	70.0 to 130.				
Methylene Chloride	10.737	10	107	70.0 to 130.				
Freon-113	10.853	10	109	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG590044

Sample: WG590044-7

Spike lot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/07/24 08:39:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15540219

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Carbon Disulfide	10.623	10	106	70.0 to 130.				
Allyl Chloride	10.668	10	107	70.0 to 130.				
trans-1,2-Dichloroethene	10.806	10	108	70.0 to 130.				
1,1-Dichloroethane	10.775	10	108	70.0 to 130.				
Methyl tert-Butyl Ether	10.674	10	107	70.0 to 130.				
Vinyl Acetate	9.543	10	95.4	70.0 to 130.				
Methyl Ethyl Ketone	10.141	10	101	70.0 to 130.				
cis-1,2-Dichloroethylene	10.702	10	107	70.0 to 130.				
Hexane	10.669	10	107	70.0 to 130.				
Ethyl Acetate	10.212	10	102	70.0 to 130.				
Chloroform	10.762	10	108	70.0 to 130.				
Tetrahydrofuran	9.965	10	99.7	70.0 to 130.				
1,2-Dichloroethane	10.702	10	107	70.0 to 130.				
1,1,1-Trichloroethane	10.944	10	109	70.0 to 130.				
Benzene	10.684	10	107	70.0 to 130.				
Carbon Tetrachloride	10.947	10	109	70.0 to 130.				
Cyclohexane	10.667	10	107	70.0 to 130.				
1,2-Dichloropropane	10.85	10	109	70.0 to 130.				
Bromodichloromethane	10.924	10	109	70.0 to 130.				
1,4-Dioxane	8.409	10	84.1	70.0 to 130.				
Trichloroethylene	10.735	10	107	70.0 to 130.				
2,2,4-Trimethylpentane	10.445	10	104	70.0 to 130.				
Methyl Methacrylate	10.008	10	100	70.0 to 130.				
Heptane	10.565	10	106	70.0 to 130.				
cis-1,3-Dichloropropene	10.712	10	107	70.0 to 130.				
trans-1,3-Dichloropropene	10.599	10	106	70.0 to 130.				
1,1,2-Trichloroethane	10.737	10	107	70.0 to 130.				
Methyl Isobutyl Ketone	9.75	10	97.5	70.0 to 130.				
Toluene	10.166	10	102	70.0 to 130.				
Methyl Butyl Ketone	8.562	10	85.6	70.0 to 130.				
Dibromochloromethane	10.284	10	103	70.0 to 130.				
1,2-Dibromoethane	10.104	10	101	70.0 to 130.				
Tetrachloroethylene	10.358	10	104	70.0 to 130.				
Chlorobenzene	10.121	10	101	70.0 to 130.				
Ethylbenzene	10.276	10	103	70.0 to 130.				
m & p-xylene	20.174	20	101	70.0 to 130.				
Bromoform	10.273	10	103	70.0 to 130.				



GALSON

GCMS QC RECOVERY REPORT

Work Group: WG590044

Sample: WG590044-7

Spikelot: IH742708

QC Type: CCV

Raw File:

Analysis date: 05/07/24 08:39:00

Approval Status: YES

Instrument: MS Q

Samp Join ID: SJ15540219

Parameter	Found	True	Rec.	Limits	DE Rec.	Limits	RPD	Limits
Styrene	10.255	10	103	70.0 to 130.				
1,1,2,2-Tetrachloroethane	10.057	10	101	70.0 to 130.				
o-Xylene	10.07	10	101	70.0 to 130.				
Nonane	10.156	10	102	70.0 to 130.				
Cumene	10.301	10	103	70.0 to 130.				
2-Chlorotoluene	10.604	10	106	70.0 to 130.				
n-Propylbenzene	10.347	10	103	70.0 to 130.				
4-Ethyltoluene	10.397	10	104	70.0 to 130.				
1,3,5-Trimethylbenzene	10.241	10	102	70.0 to 130.				
1,2,4-Trimethylbenzene	10.429	10	104	70.0 to 130.				
Benzyl Chloride	10.445	10	104	70.0 to 130.				
1,3-Dichlorobenzene	10.274	10	103	70.0 to 130.				
1,4-Dichlorobenzene	10.31	10	103	70.0 to 130.				
1,2-Dichlorobenzene	10.411	10	104	70.0 to 130.				
1,2,4-Trichlorobenzene	12.017	10	120	70.0 to 130.				
Naphthalene	11.663	10	117	70.0 to 130.				
Hexachloro-1,3-butadiene	11.791	10	118	70.0 to 130.				

274128672947
Date: 05/02/24
Shipper: FEDEX
Initials: BCF



Prep: UNKNOWN

274128672958
Date: 05/02/24
Shipper: FEDEX
Initials: BCF



Prep: UNKNOWN

274128672969
Date: 05/02/24
Shipper: FEDEX
Initials: BCF



Prep: UNKNOWN

QUEST FORM

ect # Proj-040650

Turnaround Requested: ☒ Normal ☐ Same Day ☐ Next Day

☐ Two Day ☐ Other (Specify) _____

Data Packet Requested: ☒ Standard Level II ☐ Other _____

Sample and Extract Retention/Disposal:

Dispose after 2X hold time ☒

Retain w/ storage fees after 2X hold time ☐

Send Report to Justin Langley, Chris Kuhlman
Company CTEH, LLC
Address 5120 North Shore Drive, North Little Rock, Arkansas 72118
Phone (501)801-8500
e-mail labresults@cteh.com; jlangley@cteh.com
Accounting Send invoices to CTEHAP@montrose-env.com with Invoice # and Vendor name in subject line

Lab Contact Information									Method				Matrix
Primary Sample Identification	Secondary Sample Identification	Sample Size	Units	Sample Start Date	Sample Start Time	Sample Stop Date	Sample Stop Time	Initials	SPA-TOL	TICS			
SPAR0430M0001	WR913	6	L	04/30/24	0910	05/01/24	0922	EL	X	X			A
SPAR0430M0002	WR462	6	L	04/30/24	1008	05/01/24	0950	EL	X	X			A
SPAR0430M0003	WR771	6	L	04/30/24	1019	05/01/24	1003	EL	X	X			A
SPAR0430M0004	WR1119	6	L	04/30/24	1028	05/01/24	1041	EL	X	X			A
SPAR0430M0005	WR1114	6	L	04/30/24	1048	05/01/24	1050	EL	X	X			A
SPAR0430M0006	WR970	6	L	04/30/24	1156	05/01/24	1120	EL	X	X			A
SPAR0430M0007	WR837	6	L	04/30/24	1210	05/01/24	1136	EL	X	X			A
SPAR0430M0008	WR1137	6	L	04/30/24	1220	05/01/24	1147	EL	X	X			A
SPAR0430M0009	WR1138	6	L	04/30/24	1243	05/01/24	1218	EL	X	X			A
SPAR0430M0010	WR962	6	L	04/30/24	1304	05/01/24	1257	EL	X	X			A

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
Elijah Lewis / <u>Erwin</u>	05/01/24/1520	FedEx / <u>1520</u>	05/01/24/1520
<u>Fedex</u>	02may24/ 1133	<u>Bill Fischer</u>	<u>Bill Fischer</u>

Rec'd intact & accounted for? Yes or No
Rec'd w/ custody seals intact? Yes No, NA
Rec'd in light sensitive packaging? Yes, No, NA
Rec'd with ice pack? Yes or No
Rec'd temperature compliant? Yes, No, NA

SDG # SPAR0430ML

Page 105 of 106 Report Reference: 02may24/1133 Generated: 22-MAY-24 17:19

Page 1 of 2



CHAIN OF CUSTODY AND ANALYSIS REQUEST FORM

Send Report to Justin Langley, Chris Kuhlman
Company CTEH, LLC
Address 5120 North Shore Drive, North Little Rock, Arkansas 72118
Phone (501)801-8500
e-mail labresults@cteh.com; jlangley@cteh.com
Accounting Send invoices to CTEHAP@montrose-env.com with Invoice # and Vendor name in subject line

CTEH Project # Proj-040650

Turnaround Requested: ☒ Normal ☐ Same Day ☐ Next Day
☐ Two Day ☐ Other (Specify) _____

Data Packet Requested: ☒ Standard Level II ☐ Other _____

Sample and Extract Retention/Disposal:

Dispose after 2X hold time ☒

Retain w/ storage fees after 2X hold time ☐

Lab Contact Information	Secondary Sample Identification	Sample Size	Units	Sample Start Date	Sample Start Time	Sample Stop Date	Sample Stop Time	Initials	Method				Matrix
									EPA-TO15	TICS			
Primary Sample Identification													
SPAR0430M011	WR775	6	L	04/30/24	0855	05/01/24	0903	EL	X	X			A
SPAR0430M012	WR1095	6	L	04/30/24	1434	05/01/24	1410	EL	X	X			A
SPAR0430M013	WR1166	6	L	04/30/24	1341	05/01/24	1320	EL	X	X			A
SPAR0430M014	WR991	6	L	04/30/24	1405	05/01/24	1346	EL	X	X			A

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
<u>Elijah Lewis / E Lewis</u>	<u>05/01/24/1520</u>	<u>FedEx / 1520</u>	<u>05/01/24/1520</u>
<u>Fedex</u>	<u>02 May 24 / 1133</u>	<u>Bill Fischer</u>	<u>Bill Fischer</u>

Rec'd intact & accounted for? Yes or No
Rec'd w/custody seals intact? Yes, No, NA
Rec'd in light sensitive packaging? Yes, No, NA
Rec'd with ice pack? Yes or No
Rec'd temperature compliant? Yes, No, NA

SDG # SPAR0430MC



Mr. Justin Langley
Center for Toxicology & Env. Health LLC
2000 Anders Lane
Kemah, TX 77565

May 29, 2024

Account# 13913

Login# L624948

Dear Mr. Langley:

Enclosed are the revised analytical results for the samples received by our laboratory on May 02, 2024. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

A handwritten signature in black ink that reads "Lisa Swab". The signature is written in a cursive, flowing style.

Lisa Swab
Laboratory Director

Enclosure(s)

COMMENT ANNEX

Per your request, the field blank (SPAR0428R015) now has an updated sampling date and time. Also, your revised chain of custody has been added to the report. Please note that this revision cancels and supersedes L624948 (report reference:1) dated 05/08/24 issued by SGS Galson.

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at <http://www.sgsgalson.com> in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead, Environmental Microbiology

State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - Liters	m3 - Cubic Meters	NS - Not Specified	ppbv - ppb Volume
LOQ - Limit of Quantitation	kg - Kilograms	ND - Not Detected	ppmv - ppm Volume
ft2 - Square Feet	cm2 - Square Centimeters	in2 - Square Inches	ng - Nanograms



GALSON

LABORATORY ANALYSIS REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : Center for Toxicology & Env. H
Site : NS
Project No. : PROJ-040650
Date Sampled : 01-MAY-24
Date Received : 02-MAY-24
Account No.: 13913
Login No. : L624948
Date Analyzed : 06-MAY-24
Report ID : 1422233

Hydrogen Sulfide

<u>Sample ID</u>	<u>Lab ID</u>	<u>Time minutes</u>	<u>Total ug</u>	<u>ppm</u>
SPAR0428R001	L624948-1	4275	<1.2	<0.0029
SPAR0428R002	L624948-2	4288	<1.2	<0.0029
SPAR0428R003	L624948-3	4282	<1.2	<0.0029
SPAR0428R004	L624948-4	4306	<1.2	<0.0029
SPAR0428R005	L624948-5	4296	<1.2	<0.0029
SPAR0428R006	L624948-6	4305	<1.2	<0.0029
SPAR0428R007	L624948-7	4302	<1.2	<0.0029
SPAR0428R008	L624948-8	4304	<1.2	<0.0029
SPAR0428R009	L624948-9	4293	<1.2	<0.0029
SPAR0428R010	L624948-10	4302	<1.2	<0.0029
SPAR0428R011	L624948-11	4273	<1.2	<0.0029
SPAR0428R012	L624948-12	4268	<1.2	<0.0029
SPAR0428R013	L624948-13	4291	<1.2	<0.0029
SPAR0428R014	L624948-14	4272	<1.2	<0.0029
SPAR0428R015	L624948-15	NA	<1.2	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 1.2 ug
Analytical Method : In-house: WET-SOP-13; Colorimetric
Collection Media : Radiello 170

Submitted by: PMH
Date : 08-MAY-24
Supervisor : JGC

Approved by: JGC



GALSON

LABORATORY FOOTNOTE REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client Name : Center for Toxicology & Env. Health LLC
Site :
Project No. : PROJ-040650

Date Sampled : 01-MAY-24
Date Received: 02-MAY-24
Date Analyzed: 06-MAY-24

Account No.: 13913
Login No. : L624948

L624948 (Report ID: 1422233):
SOPs: WET-SOP-13(9)
The sampling rates used in the concentration calculations are based upon the temperatures provided with the samples. If no temperatures were provided, the sampling rate is based on 25 C.

L624948 (Report ID: 1422233):
Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Hydrogen Sulfide	+/-7.5%	108%

INITIAL/CONTINUING CALIBRATION REPORT

Client : Center for Toxicology & Env. Health LLC
Account No: 13913
Login No. : L624948

Lab Sample ID Type Spike Lot # Instrument Analysis Date		WG590043-3 CCV IH742878-1 SPEC6 May 06, 2024 13:10								
	Limits (%)	True Value (ug/ml)	Found (ug/ml)	Recovery (%)	True Value ()	Found ()	Recovery (%)	True Value ()	Found ()	Recovery (%)
Hydrogen Sulfide	80.0 to 120.	0.916	0.900	98.2						

Lab Sample ID Type Spike Lot # Instrument Analysis Date		WG590043-4 ICV IH742879-1 SPEC6 May 06, 2024 13:10								
	Limits (%)	True Value (ug/ml)	Found (ug/ml)	Recovery (%)	True Value ()	Found ()	Recovery (%)	True Value ()	Found ()	Recovery (%)
Hydrogen Sulfide	80.0 to 120.	0.344	0.363	106.						

Client : Center for Toxicology & Env. Health LLC
Account No: 13913
Login No. : L624948

page 3 of 3

Lab Sample ID Type Instrument Analysis Date Analysis Time		WG590043-16 CCB SPEC6 05/06/24 13:10	WG590043-6 CCB SPEC6 05/06/24 13:10	WG590043-8 CCB SPEC6 05/06/24 13:10	WG590043-1 ICB SPEC6 05/06/24 13:10				
	LOQ (ug)	Found (ug)	Found (ug)	Found (ug)	Found (ug)				
Hydrogen Sulfide	1.2	<1.2	<1.2	<1.2	<1.2				

Lab Sample ID Type Spike Lot # Instrument Analysis Date		WG590043-2 DLS IH742878-3 SPEC6 May 06, 2024 13:10								
	Limits (%)	True Value (ug/ml)	Found (ug/ml)	Recovery (%)	True Value ()	Found ()	Recovery (%)	True Value ()	Found ()	Recovery (%)
Hydrogen Sulfide	70.0 to 130.	0.115	0.129	113.						

METHOD BLANK REPORT

Client Center for Toxicology & Env. Health LLC
Account No. 13913
Login No. 1624948

Lab Sample ID Type Instrument Analysis Date Analysis Time	LOQ (ug)	WG590043-12 MBLANK SPEC6 05/06/24 13:10 Found (ug)	WG590043-9 MBLANK SPEC6 05/06/24 13:10 Found (ug)						
Hydrogen Sulfide	1.2	<1.2	<1.2						

Lab Sample ID Type Spike Lot # Instrument Analysis Date		WG590043-13 BS 42214 SPEC6 May 06, 2024 13:10			WG590043-14 BSD 42214 SPEC6 May 06, 2024 13:10				
	Limits (%)	True Value (ug/ml)	Found (ug/ml)	Recovery (%)	True Value (ug/ml)	Found (ug/ml)	Recovery (%)	RPD	RPD Limits
Hydrogen Sulfide	96.2 to 121.	0.573	0.632	110.	0.573	0.619	108.	1.83	12.3

274128672947
Date: 05/02/24
Shipper: FEDEX
Initials: BCF
Prep: UNKNOWN



CHAIN OF CUSTODY AND ANALYSIS REQUEST FORM

ALL samples received
are radiello tubes
BCF 05may24

Send Report to Justin Langley, Chris Kuhlman
Company CTEH, LLC
Address 5120 North Shore Drive, North Little Rock, Arkansas 72118
Phone (501)801-8500
e-mail labresults@cteh.com; jlangley@cteh.com; ckuhlman@cteh.com
Accounting Send invoices to CTEHAP@montrose-env.com with Invoice # and Vendor name in subject line

CTEH Project # PROJ- 040650

Turnaround Requested: ☒ Normal ☐ Same Day ☐ Next Day

☐ Two Day ☐ Other (Specify) _____

Data Packet Requested: ☒ Standard Level II ☐ Other _____

Sample and Extract Retention/Disposal:

Dispose after 2X hold time ☒

Retain w/ storage fees after 2X hold time ☐

Lab Contact Information									Method				Matrix
Primary Sample Identification	Secondary Sample Identification	Sample Size	Units	Sample Start Date	Sample Start Time	Sample Stop Date	Sample Stop Time	Initials	WET- SOP				
SPAR0428R001	AS001	4275	min	04/28/24	10:08	05/01/24	09:23	JK	X				A
SPAR0428R002	AS002	4288	min	04/28/24	10:23	05/01/24	09:51	JK	X				A
SPAR0428R003	AS003	4282	min	04/28/24	10:41	05/01/24	10:03	JK	X				A
SPAR0428R004	AS004	4306	min	04/28/24	10:55	05/01/24	10:41	JK	X				A
SPAR0428R005	AS005	4296	min	04/28/24	11:14	05/01/24	10:50	JK	X				A
SPAR0428R006	AS006	4305	min	04/28/24	11:35	05/01/24	11:20	JK	X				A
SPAR0428R007	AS007	4302	min	04/28/24	11:54	05/01/24	11:36	JK	X				A
SPAR0428R008	AS008	4304	min	04/28/24	12:03	05/01/24	11:47	JK	X				A
SPAR0428R009	AS009	4293	min	04/28/24	12:45	05/01/24	12:18	JK	X				A
SPAR0428R010	AS010	4302	min	04/28/24	13:15	05/01/24	12:57	JK	X				A

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
Justin Langley / <i>[Signature]</i>	05/01/24/15:20	FedEx	05/01/24/15:20
FedEx	02may24/1133	Bill Fischer <i>[Signature]</i>	

Rec'd intact & accounted for? Yes or No
Rec'd w/custody seals intact? Yes, No, NA
Rec'd in light sensitive packaging? Yes, No, NA
Rec'd with ice pack? Yes or No
Rec'd temperature compliant? Yes, No, NA

SDG # SPAR0428RAD



CHAIN OF CUSTODY AND ANALYSIS REQUEST FORM

Send Report to Justin Langley, Chris Kuhlman
Company CTEH, LLC
Address 5120 North Shore Drive, North Little Rock, Arkansas 72118
Phone (501)801-8500
e-mail labresults@cteh.com; jlangley@cteh.com, ckuhlman@cteh.com
Accounting Send invoices to CTEHAP@montrose-env.com with Invoice # and Vendor name in subject line

CTEH Project # PROJ-040650

Turnaround Requested: ☒ Normal ☐ Same Day ☐ Next Day

☐ Two Day ☐ Other (Specify) _____

Data Packet Requested: ☒ Standard Level II ☐ Other _____

Sample and Extract Retention/Disposal:

Dispose after 2X hold time ☒

Retain w/ storage fees after 2X hold time ☐

Lab Contact Information									Method			Matrix
Primary Sample Identification	Secondary Sample Identification	Sample Size	Units	Sample Start Date	Sample Start Time	Sample Stop Date	Sample Stop Time	Initials	WET-50P 13			A = air B = bulk S = soil SW = wipe T = tape W = water
SPAR0428R011	AS011	4273	min	04/28/24	09:51	05/01/24	09:04	JK	X			A
SPAR0428R012	AS012	4268	min	04/28/24	15:02	05/01/24	14:10	JK	X			A
SPAR0428R013	AS013	4291	min	04/28/24	13:49	05/01/24	13:20	JK	X			A
SPAR0428R014	AS014	4272	min	04/28/24	14:34	05/01/24	13:46	JK	X			A
SPAR0428R015	Blank	-	min	-	-	-	-	JK	X			A

Rec'd intact & accounted for? Yes or No
Rec'd w/custody seals intact? Yes, No, NA
Rec'd in light sensitive packaging? Yes, No, NA
Rec'd with ice pack? Yes or No
Rec'd temperature compliant? Yes, No, NA

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
<u>Justin Langley</u>	<u>05/01/24/15:20</u>	<u>Fed Ex</u>	<u>05/01/24/15:20</u>
<u>Fedex</u>	<u>02 MAY 24/11:33</u>	<u>Bill Fischer</u>	<u>Bill Fischer</u>

SDG # SPAR0428RAD

274128672947
Date: 05/02/24
Shipper: FEDEX
Initials: BCF
Prep: UNKNOWN



CHAIN OF CUSTODY AND ANALYSIS REQUEST FORM

ALL samples received
are radiello tubes
BCF 05may24

Send Report to Justin Langley, Chris Kuhlman
Company CTEH, LLC
Address 5120 North Shore Drive, North Little Rock, Arkansas 72118
Phone (501)801-8500
e-mail labresults@cteh.com; jlangley@cteh.com; ckuhlman@cteh.com
Accounting Send invoices to CTEHAP@montrose-env.com with Invoice # and Vendor name in subject line

CTEH Project # PROJ- 040650 and

Turnaround Requested: ☒ Normal ☐ Same Day ☐ Next Day

☐ Two Day ☐ Other (Specify) _____

Data Packet Requested: ☒ Standard Level II ☐ Other _____

Sample and Extract Retention/Disposal:

Dispose after 2X hold time ☒

Retain w/ storage fees after 2X hold time ☐

Lab Contact Information									Method					Matrix	
Primary Sample Identification	Secondary Sample Identification	Sample Size	Units	Sample Start Date	Sample Start Time	Sample Stop Date	Sample Stop Time	Initials	WET- SOP	13					A = air B = bulk S = soil SW = wipe T = tape W = water
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SPAR0428R002	AS002	4288	min	04/28/24	10:23	05/01/24	09:51	JK	X						A
SPAR0428R003	AS003	4282	min	04/28/24	10:41	05/01/24	10:03	JK	X						A
SPAR0428R004	AS004	4306	min	04/28/24	10:55	05/01/24	10:41	JK	X						A
SPAR0428R005	AS005	4296	min	04/28/24	11:14	05/01/24	10:50	JK	X						A
SPAR0428R006	AS006	4305	min	04/28/24	11:35	05/01/24	11:20	JK	X						A
SPAR0428R007	AS007	4302	min	04/28/24	11:54	05/01/24	11:36	JK	X						A
SPAR0428R008	AS008	4304	min	04/28/24	12:03	05/01/24	11:47	JK	X						A
SPAR0428R009	AS009	4293	min	04/28/24	12:45	05/01/24	12:18	JK	X						A
SPAR0428R010	AS010	4302	min	04/28/24	13:15	05/01/24	12:57	JK	X						A

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
Justin Langley / <i>[Signature]</i>	05/01/24/15:20	FedEx	05/01/24/15:20
FedEx	02may24/1133	Bill Fischer <i>[Signature]</i>	

Rec'd intact & accounted for? Yes or No
Rec'd w/custody seals intact? Yes, No, NA
Rec'd in light sensitive packaging? Yes, No, NA
Rec'd with ice pack? Yes or No
Rec'd temperature compliant? Yes, No, NA

SDG # SPAR0428RAD



CHAIN OF CUSTODY AND ANALYSIS REQUEST FORM

Send Report to Justin Langley, Chris Kuhlman
Company CTEH, LLC
Address 5120 North Shore Drive, North Little Rock, Arkansas 72118
Phone (501)801-8500
e-mail labresults@cteh.com; jlangley@cteh.com, ckuhlman@cteh.com
Accounting Send invoices to CTEHAP@montrose-env.com with Invoice # and Vendor name in subject line

CTEH Project # PROJ-040650

Turnaround Requested: ☒ Normal ☐ Same Day ☐ Next Day

☐ Two Day ☐ Other (Specify) _____

Data Packet Requested: ☒ Standard Level II ☐ Other _____

Sample and Extract Retention/Disposal:

Dispose after 2X hold time ☒

Retain w/ storage fees after 2X hold time ☐

Lab Contact Information									Method			Matrix
Primary Sample Identification	Secondary Sample Identification	Sample Size	Units	Sample Start Date	Sample Start Time	Sample Stop Date	Sample Stop Time	Initials	WET-50P 13			A = air B = bulk S = soil SW = wipe T = tape W = water
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SPAR0428R012	AS012	4268	min	04/28/24	15:02	05/01/24	14:10	JK	X			A
SPAR0428R013	AS013	4291	min	04/28/24	13:49	05/01/24	13:20	JK	X			A
SPAR0428R014	AS014	4272	min	04/28/24	14:34	05/01/24	13:46	JK	X			A
SPAR0428R015	Blank	—	min	5/1/2024	15:00	5/1/2024	15:00	JK	X			A

Rec'd intact & accounted for? Yes or No
Rec'd w/custody seals intact? Yes, No, NA
Rec'd in light sensitive packaging? Yes, No, NA
Rec'd with ice pack? Yes or No
Rec'd temperature compliant? Yes, No, NA

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
<u>Justin Langley</u>	<u>05/01/24 / 15:20</u>	<u>Fed Ex</u>	<u>05/01/24 / 15:20</u>
<u>Fedex</u>	<u>02 MAY 24 / 11:33</u>	<u>Bill Fischer</u>	<u>Bill Fischer</u>

SDG # SPAR0428RAD

Page 14 of 17 Report Generated: 09-MAY-24 18:37

Page 2 of 2

QUALITY ASSURANCE REPORT
FOR THE SPRINGDALE, ARKANSAS SITE
AIR SAMPLES
CTEH PROJECT NUMBER: 040650
SAMPLE DELIVERY GROUP: L624707

June 5, 2024

Prepared for:

CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH
5120 Northshore Drive
North Little Rock, AR 72118

Prepared by:

ENVIRONMENTAL STANDARDS, INC.
1140 Valley Forge Road
P.O. Box 810
Valley Forge, PA 19482-0810

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TABLE OF CONTENTS

Introduction

Section 1 Quality Assurance Review

Section 2 Data Qualifiers, Reason Codes, and Acronyms and Abbreviations

Section 3 Analytical Results



INTRODUCTION

This QA review is based upon an examination of the data generated from the analyses of the 14 air samples and associated QC samples (including blanks) collected on April 29, 2024, at the Springdale, Arkansas site. These samples were analyzed by SGS Galson of East Syracuse, New York (SGS Galson), for VOCs plus TICs by US EPA Method TO-15.

This review was performed in accordance with the above referenced analytical methods. This review was performed with guidance from the National Functional Guidelines for Organic Data Review (1999, US EPA). These validation guidance documents specifically address analyses performed in accordance with the CLP analytical methods and are not completely applicable to the type of analyses and analytical protocols performed for the US EPA method utilized by the laboratory for these samples. Environmental Standards, Inc. (Environmental Standards) used professional judgment to determine the usability of the analytical results and compliance relative to the US EPA method utilized by the laboratory.

Data were examined to determine the usability of the analytical results relative to the laboratory acceptance criteria and compliance relative to the requirements specified in the analytical methods. In addition, the deliverables were evaluated for completeness and accuracy. Details of this QA review are presented in Section 1 of this report. The reported analytical results are presented in Section 3; any required data validation qualifications are presented on the qualified data tables in Section 3. Reason codes have been placed next to results to enable the data user to quickly assess the qualitative and/or quantitative reliability of any result based on the criteria evaluated. The data qualifications allow the data end-user to best understand the usability of any result. Data not qualified in this report should be considered valid based on the QC criteria that have been reviewed.

The analytical results and associated laboratory QC samples were reviewed to determine the integrity of the reported analytical results and to ensure that the data met the established DQOs. This QA review includes all samples in SGS Galson Report Number L624707.

TABLE 1**SAMPLES THAT HAVE UNDERGONE LEVEL 2 QUALITY ASSURANCE REVIEW**

Sample Identification	Laboratory Sample Identification	Laboratory Report Number	Matrix	Date Sample Collected	Parameter Examined
SPAR0428MC001	L624707-1	L624707	Air	4/29/24	VOC
SPAR0428MC002	L624707-2	L624707	Air	4/29/24	VOC
SPAR0428MC003	L624707-3	L624707	Air	4/29/24	VOC
SPAR0428MC004	L624707-4	L624707	Air	4/29/24	VOC
SPAR0428MC005	L624707-5	L624707	Air	4/29/24	VOC
SPAR0428MC006	L624707-6	L624707	Air	4/29/24	VOC
SPAR0428MC007	L624707-7	L624707	Air	4/29/24	VOC
SPAR0428MC008	L624707-8	L624707	Air	4/29/24	VOC
SPAR0428MC009	L624707-9	L624707	Air	4/29/24	VOC
SPAR0428MC010	L624707-10	L624707	Air	4/29/24	VOC
SPAR0428MC011	L624707-11	L624707	Air	4/29/24	VOC
SPAR0428MC012	L624707-12	L624707	Air	4/29/24	VOC
SPAR0428MC013	L624707-13	L624707	Air	4/29/24	VOC
SPAR0428MC014	L624707-14	L624707	Air	4/29/24	VOC

Parameter Examined:

VOC - VOCs plus TICs by US EPA Method TO-15.

SECTION 1 QUALITY ASSURANCE REVIEW

ITEMS REVIEWED

COC Record and Case Narrative	Holding Times
Sample Preservation	Blank Results
LCS/LCSD Recovery and Precision	DLS Recovery
TIC Results	Results Reported Between the MDL and RL
CCV Results	

Based upon review of the data package provided, the following issues and data qualifiers are offered. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following issues should not be construed as an indication of laboratory performance.

COMMENTS

1. The Level 2 laboratory analytical report and EDD were provided on May 16, 2024. A final revised analytical report and EDD were provided on June 4, 2024.
2. The samples were collected over a period of up to 24 hours. Specific sample start and stop times and sampling durations were provided on the Chain-of-Custody (COC) Record. The laboratory logged in the samples using the default collection time of 12:00 AM.
3. The Laboratory Footnote Report noted that the sample canister for samples SPAR0428MC002, SPAR0428MC003, SPAR0428MC007, and SPAR0428MC011 were received at/near ambient pressure.
4. The laboratory analytical report was reported to the RL; however, MDL reporting is required for this project. Upon Environmental Standards' request, SGS Galson provided a revised laboratory analytical report to report to the MDL.
5. The samples were reported in three different analytical batches and the batch association was not included in the Level 2 laboratory analytical report. Upon Environmental Standards' request, SGS Galson provided a revised laboratory analytical report to include the batch associations.

QUALIFICATION

Based on the items included in this QA review, the following qualifiers are offered.

- All positive results reported between the MDL and RL should be considered estimated and have been flagged "J" on the data tables. (Reason Code RL)
- All other TICs have been flagged as estimated ("J") on the data tables because the method of analysis uses an arbitrary RRF of 1.0 for the quantitation of TIC concentrations. TIC results that have been given a specific compound name and CAS # by the laboratory have also been flagged "N" (tentative) on the data tables. Reference standards are not used to identify these TICs; therefore, the assigned compound name and CAS # can only be considered tentative. (Reason Code TIC)

Validation performed by:	Valerie Butterhof, Quality Assurance Chemist
Validation reviewed by:	Kaitlyn E. Podufalski, Senior Quality Assurance Chemist/Project Manager
Report approved by:	Rock J. Vitale, CEAC, Technical Director of Chemistry/Principal



SECTION 2

DATA QUALIFIERS, REASON CODES, AND ACRONYMS

DATA QUALIFIERS

- U This result should be considered “not-detected” because it was not detected above the detection limit or it was detected in a field blank or laboratory blank at a similar level.
- R Unreliable positive or non-detect result; analyte may or may not be present in sample.
- J Quantitation is approximate due to limitations identified during data validation.
- UJ This analyte was not detected, but the reporting limit may or may not be higher due to a bias identified during data validation.
- NJ The analysis indicates the presence of a compound that has been “tentatively identified” and the associated numerical value represents its approximate concentration.



REASON CODES AND EXPLANATIONS

Reason Code	Explanation
BE	Equipment blank contamination. The result should be considered "not-detected."
BF	Field blank contamination. The result should be considered "not-detected."
BL	Laboratory blank contamination. The result should be considered "not-detected."
BN	Negative laboratory blank contamination.
BT	Trip blank contamination. The result should be considered "not-detected."
C	Initial and/or continuing calibration issue, indeterminate bias.
C+	Initial and/or continuing calibration issue. The result may be biased high.
C-	Initial and/or continuing calibration issue. The result may be biased low.
E	Result exceeds linear calibration range.
FD	Field duplicate imprecision.
FG	Total versus dissolved imprecision.
H	Holding time exceeded.
I	Internal standard recovery outside of acceptance limits.
L	LCS and LCSD recoveries outside of acceptance limits, indeterminate bias.
L+	LCS and/or LCSD recoveries outside of acceptance limits. The result may be biased high.
L-	LCS and/or LCSD recoveries outside of acceptance limits. The result may be biased low.
LD	Laboratory duplicate imprecision.
LP	LCS/LCSD imprecision.
M	MS and MSD recoveries outside of acceptance limits, indeterminate bias.
M+	MS and/or MSD recoveries outside of acceptance limits. The result may be biased high.
M-	MS and/or MSD recoveries outside of acceptance limits. The result may be biased low.
MP	MS/MSD imprecision.
P	Post-digestion spike recoveries outside of acceptance limits, indeterminate bias.
P+	Post-digestion spike recovery outside of acceptance limits. The result may be biased high.
P-	Post-digestion spike recovery outside of acceptance limits. The result may be biased low.
Q	Chemical preservation issue.
R	RL standards outside of acceptance limits, indeterminate bias.
R+	RL standard(s) outside of acceptance limits. The result may be biased high.
R-	RL standard(s) outside of acceptance limits. The result may be biased low.
RL	Result reported between the method detection limit and the reporting limit.
T	Temperature preservation issue.
TIC	Tentatively identified compound.
S+	Surrogate outside of acceptance limits. The result may be biased high.
S-	Surrogate outside of acceptance limits. The result may be biased low.
SD	Serial dilution imprecision.
X	Percent solids < 50%.
Z	ICP or ICP/MS interference.
ZZ	Other.

ACROMYNS AND ABBREVIATIONS

Acronym/ Abbreviation	Description
BEX	Benzene, Ethylbenzene, and Xylene
BFB	Bromofluorobenzene
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
°C	Celsius (degree)
CaCO ₃	Calcium Carbonate
CAS #	Chemical Abstract Service Number(s)
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCC	Calibration Check Compound
CCV	Continuing Calibration Verification
CEAC	Certified Environmental Analytical Chemist
CF	Calibration Factor
CFR	Code of Federal Regulations
CLP	Contract Laboratory Program
COA	Certificate of Analysis
COC	Chain-of-Custody
CRDL	Contract-Required Detection Limit
CRQL	Contract-Required Quantitation Limit
CTEH	Center for Toxicology and Environmental Health
%D	Percent Difference
DAI	Direct Aqueous Injection
DCS	Detectability Check Sample
DLS	Detection Limit Standard
DF	Dilution Factor
DQO	Data Quality Objective
DRO	Diesel Range Organic
DUP	Sample Duplicate
EDB	Ethylene Dibromide
EDD	Electronic Data Deliverable
EDL	Estimated Detection Limit

Acronym/ Abbreviation	Description
EIS	Extracted Internal Standard
°F	Fahrenheit (degree)
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
HASL	Health and Safety Laboratory
HCl	Hydrochloric Acid
HDPE	High Density Polyethylene
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
ID	Identification
IDL	Instrument Detection Limit
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LIMS	Laboratory Information Management System
LLE	Liquid-Liquid Extraction
LOD	Limit of Detection
LOQ	Limit of Quantitation
M.S.	Master of Science
MB	Method Blank
MDL	Method Detection Limit
Me	Methanol
mg/L	Milligrams per Liter
MRL	Method Reporting Limit
MS	Mass Spectrometry/Matrix Spike
MS/MS	Tandem Mass Spectrometry
MS/MSD	Matrix Spike/Matrix Spike Duplicate
MTBE	Methyl <i>Tertiary</i> Butyl Ether
ND	Not Detected (at or above the detection limit) or “Not-Detected”

Acronym/ Abbreviation	Description
Ph.D.	Doctor or holds a Doctorate Degree
PM	Project Manager
PMP	Project Management Professional
ppb	parts per billion
ppm	parts per million
ppt	parts per trillion
PQL	Practical Quantitation Limit
PRDL	Project-Required Detection Limit
PRQL	Project-Required Quantitation Limit
PRRL	Project-Required Reporting Limit
PVC	Polyvinyl Chloride
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RF	Response Factor
RL	Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSD	Relative Standard Deviation
RT	Retention Time
S/N	Signal-to-Noise
SAP	Sampling and Analysis Plan
SCUR	Sample Conditions Upon Receipt
SDG	Sample Delivery Group
SIM	Selective Ion Monitoring
SOP	Standard Operating Procedure
SU	Standard Units
SW-846	Test Methods for Evaluating Solid Waste Physical/Chemical Method
TBA	<i>Tert</i> -butyl Acetate
TCE	Trichloroethylene
TCEQ	Texas Commission on Environmental Quality

Acronym/ Abbreviation	Description
TCP	Trichloropropane
TIC	Tentatively Identified Compound
µg/L	Micrograms per Liter
UCL	Upper Control Limit
US	United States
USACE	United States Army Corps of Engineers
US EPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
VTSR	Validated Time of Sample Receipt
WO	Work Order(s)
WP	Work Plan
ZHE	Zero Headspace Extraction/Extractor



SECTION 3

ANALYTICAL RESULTS

				Lab Sample ID	L624707-1						L624707-10					
				Sample Name	SPAR0428MC001						SPAR0428MC010					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624707-10					
				Sample Name							SPAR0428MC010					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.086	J	RL	0.16	0.050	1
				UG/M3	0.23	U		0.75	0.23	1	0.40	J	RL	0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	2.2			0.50	0.19	1	2.7			0.50	0.19	1
				UG/M3	5.2			1.2	0.45	1	6.4			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.068	U		0.16	0.068	1	0.091	J	RL	0.16	0.068	1
				UG/M3	0.16	U		0.37	0.16	1	0.21	J	RL	0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.044	U		0.16	0.044	1	0.29			0.16	0.044	1
				UG/M3	0.14	U		0.51	0.14	1	0.92			0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID							L624707-10					
				Sample Name							SPAR0428MC010					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.041	U		0.16	0.041	1	0.071	J	RL	0.16	0.041	1
				UG/M3	0.26	U		1.0	0.26	1	0.45	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.71			0.16	0.063	1	0.55			0.16	0.063	1
				UG/M3	1.5			0.33	0.13	1	1.1			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.068	U		0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.25	U		0.58	0.25	1	0.25	U		0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID	L624707-1						L624707-10					
				Sample Name	SPAR0428MC001						SPAR0428MC010					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.082	J	RL	0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.36	J	RL	0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.19			0.16	0.045	1	0.23			0.16	0.045	1
				UG/M3	1.1			0.90	0.25	1	1.3			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.050	U		0.16	0.050	1	0.070	J	RL	0.16	0.050	1
				UG/M3	0.38	U		1.2	0.38	1	0.54	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.45			0.16	0.052	1	0.45			0.16	0.052	1
				UG/M3	2.2			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.075	J	RL	0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.31	J	RL	0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.056	U		0.16	0.056	1	0.13	J	RL	0.16	0.056	1
				UG/M3	0.20	U		0.56	0.20	1	0.45	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.18	J	RL	0.50	0.18	1	0.58			0.50	0.18	1
				UG/M3	0.44	J	RL	1.2	0.43	1	1.4			1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.12	J	RL	0.32	0.10	1	0.16	J	RL	0.32	0.10	1
				UG/M3	0.51	J	RL	1.4	0.45	1	0.71	J	RL	1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.14	J	RL	0.16	0.061	1	0.20			0.16	0.061	1
				UG/M3	0.40	J	RL	0.47	0.18	1	0.59			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID							L624707-10					
				Sample Name							SPAR0428MC010					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.099	J	RL	0.16	0.076	1	0.11	J	RL	0.16	0.076	1
				UG/M3	0.34	J	RL	0.56	0.26	1	0.39	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.47			0.16	0.067	1	0.56			0.16	0.067	1
				UG/M3	1.1			0.38	0.16	1	1.3			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0		TIC	0		1	0		TIC	0		1
				UG/M3	0		TIC	0		1	0		TIC	0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.067	J	RL	0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.29	J	RL	0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.57			0.16	0.050	1	0.40			0.16	0.050	1
				UG/M3	1.7			0.47	0.15	1	1.2			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.20	U		0.50	0.20	1	0.50			0.50	0.20	1
				UG/M3	0.35	U		0.86	0.35	1	0.87			0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1

				Lab Sample ID	L624707-1						L624707-10					
				Sample Name	SPAR0428MC001						SPAR0428MC010					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.20			0.16	0.050	1	0.39			0.16	0.050	1
				UG/M3	0.74			0.60	0.19	1	1.5			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.075	U		0.16	0.075	1	0.075	U		0.16	0.075	1
				UG/M3	0.26	U		0.56	0.26	1	0.26	U		0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID							L624707-12					
				Sample Name							SPAR0428MC012					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624707-12					
				Sample Name							SPAR0428MC012					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	2.9			0.50	0.19	1	2.7			0.50	0.19	1
				UG/M3	6.8			1.2	0.45	1	6.4			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	J	RL	0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.34	J	RL	0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.10	J	RL	0.16	0.068	1	0.12	J	RL	0.16	0.068	1
				UG/M3	0.23	J	RL	0.37	0.16	1	0.26	J	RL	0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.086	J	RL	0.16	0.044	1	0.083	J	RL	0.16	0.044	1
				UG/M3	0.27	J	RL	0.51	0.14	1	0.27	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID							L624707-12					
				Sample Name							SPAR0428MC012					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.070	J	RL	0.16	0.041	1	0.069	J	RL	0.16	0.041	1
				UG/M3	0.44	J	RL	1.0	0.26	1	0.43	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.57			0.16	0.063	1	0.54			0.16	0.063	1
				UG/M3	1.2			0.33	0.13	1	1.1			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.068	U		0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.25	U		0.58	0.25	1	0.25	U		0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID							L624707-12					
				Sample Name							SPAR0428MC012					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.21			0.16	0.045	1	0.21			0.16	0.045	1
				UG/M3	1.2			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.070	J	RL	0.16	0.050	1	0.063	J	RL	0.16	0.050	1
				UG/M3	0.54	J	RL	1.2	0.38	1	0.48	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.45			0.16	0.052	1	0.44			0.16	0.052	1
				UG/M3	2.2			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.068	J	RL	0.16	0.056	1	0.082	J	RL	0.16	0.056	1
				UG/M3	0.24	J	RL	0.56	0.20	1	0.29	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.24	J	RL	0.50	0.18	1	0.19	J	RL	0.50	0.18	1
				UG/M3	0.59	J	RL	1.2	0.43	1	0.47	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.10	U		0.32	0.10	1	0.10	U		0.32	0.10	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.28			0.16	0.061	1	0.21			0.16	0.061	1
				UG/M3	0.81			0.47	0.18	1	0.63			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID							L624707-12					
				Sample Name							SPAR0428MC012					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.076	U		0.16	0.076	1	0.11	J	RL	0.16	0.076	1
				UG/M3	0.26	U		0.56	0.26	1	0.39	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.34			0.16	0.067	1	0.43			0.16	0.067	1
				UG/M3	0.81			0.38	0.16	1	1.0			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0		TIC	0		1	0		TIC	0		1
				UG/M3	0		TIC	0		1	0		TIC	0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.31			0.16	0.050	1	0.49			0.16	0.050	1
				UG/M3	0.92			0.47	0.15	1	1.4			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.30	J	RL	0.50	0.20	1	0.31	J	RL	0.50	0.20	1
				UG/M3	0.52	J	RL	0.86	0.35	1	0.54	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1

				Lab Sample ID							L624707-12						
				Sample Name							SPAR0428MC011						
				Sample Date							4/29/2024 12:00:00 AM						
				Sample Type							TRG						
				% Moisture													
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.23			0.16	0.050	1	0.24			0.16	0.050	1	
				UG/M3	0.85			0.60	0.19	1	0.92			0.60	0.19	1	
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1	
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1	
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1	
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1	
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1	
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1	
	VINYL ACETATE	108-05-4	T	PPBV	0.075	U		0.16	0.075	1	0.075	U		0.16	0.075	1	
				UG/M3	0.26	U		0.56	0.26	1	0.26	U		0.56	0.26	1	
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1	
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1	
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1	
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1	

				Lab Sample ID							L624707-14					
				Sample Name							SPAR0428MC014					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624707-14					
				Sample Name							SPAR0428MC014					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.053	J	RL	0.16	0.050	1
				UG/M3	0.23	U		0.75	0.23	1	0.25	J	RL	0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	3.4			0.50	0.19	1	2.2			0.50	0.19	1
				UG/M3	8.0			1.2	0.45	1	5.2			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.13	J	RL	0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.29	J	RL	0.37	0.16	1	0.16	U		0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.096	J	RL	0.16	0.044	1	0.081	J	RL	0.16	0.044	1
				UG/M3	0.31	J	RL	0.51	0.14	1	0.26	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID							L624707-14					
				Sample Name							SPAR0428MC014					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.072	J	RL	0.16	0.041	1	0.073	J	RL	0.16	0.041	1
				UG/M3	0.45	J	RL	1.0	0.26	1	0.46	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.57			0.16	0.063	1	0.56			0.16	0.063	1
				UG/M3	1.2			0.33	0.13	1	1.2			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.088	J	RL	0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.32	J	RL	0.58	0.25	1	0.25	U		0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID L624707-13							L624707-14					
				Sample Name SPAR0428MC013							SPAR0428MC014					
				Sample Date 4/29/2024 12:00:00 AM							4/29/2024 12:00:00 AM					
				Sample Type TRG							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.22			0.16	0.045	1	0.21			0.16	0.045	1
				UG/M3	1.2			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.064	J	RL	0.16	0.050	1	0.065	J	RL	0.16	0.050	1
				UG/M3	0.49	J	RL	1.2	0.38	1	0.50	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.44			0.16	0.052	1	0.44			0.16	0.052	1
				UG/M3	2.2			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.056	U		0.16	0.056	1	0.10	J	RL	0.16	0.056	1
				UG/M3	0.20	U		0.56	0.20	1	0.36	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.78			0.50	0.18	1	0.30	J	RL	0.50	0.18	1
				UG/M3	1.9			1.2	0.43	1	0.74	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.12	J	RL	0.32	0.10	1	0.11	J	RL	0.32	0.10	1
				UG/M3	0.50	J	RL	1.4	0.45	1	0.47	J	RL	1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.37			0.16	0.061	1	0.16			0.16	0.061	1
				UG/M3	1.1			0.47	0.18	1	0.47			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID							L624707-14					
				Sample Name							SPAR0428MC014					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.11	J	RL	0.16	0.076	1	0.11	J	RL	0.16	0.076	1
				UG/M3	0.38	J	RL	0.56	0.26	1	0.38	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.29			0.16	0.067	1	0.41			0.16	0.067	1
				UG/M3	0.69			0.38	0.16	1	0.98			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0		TIC	0		1	0		TIC	0		1
				UG/M3	0		TIC	0		1	0		TIC	0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.47			0.16	0.050	1	0.39			0.16	0.050	1
				UG/M3	1.4			0.47	0.15	1	1.1			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.30	J	RL	0.50	0.20	1	0.24	J	RL	0.50	0.20	1
				UG/M3	0.52	J	RL	0.86	0.35	1	0.41	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.078	J	RL	0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.23	J	RL	0.47	0.19	1	0.19	U		0.47	0.19	1

				Lab Sample ID	L624707-13						L624707-14					
				Sample Name	SPAR0428MC013						SPAR0428MC014					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.52			0.16	0.050	1	0.75			0.16	0.050	1
				UG/M3	2.0			0.60	0.19	1	2.8			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.20			0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.80			0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.075	U		0.16	0.075	1	0.075	U		0.16	0.075	1
				UG/M3	0.26	U		0.56	0.26	1	0.26	U		0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID	L624707-2						L624707-3					
				Sample Name	SPAR0428MC002						SPAR0428MC003					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.16			0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.79			0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624707-2						L624707-3					
				Sample Name							SPAR0428MC002						SPAR0428MC003					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1						
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1						
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1						
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1						
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1						
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1						
	ACETONE	67-64-1	T	PPBV	4.7			0.50	0.19	1	2.7			0.50	0.19	1						
				UG/M3	11.			1.2	0.45	1	6.4			1.2	0.45	1						
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1						
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1						
	ACROLEIN	107-02-8	T	PPBV	0.45			0.16	0.068	1	0.068	U		0.16	0.068	1						
				UG/M3	1.0			0.37	0.16	1	0.16	U		0.37	0.16	1						
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1						
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1						
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1						
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1						
	BENZENE	71-43-2	T	PPBV	0.15	J	RL	0.16	0.044	1	0.15	J	RL	0.16	0.044	1						
				UG/M3	0.48	J	RL	0.51	0.14	1	0.49	J	RL	0.51	0.14	1						
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1						
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1						
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1						
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1						

				Lab Sample ID							L624707-2						L624707-3					
				Sample Name							SPAR0428MC002						SPAR0428MC003					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF						
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1						
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1						
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1						
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1						
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.041	U		0.16	0.041	1	0.041	U		0.16	0.041	1						
				UG/M3	0.26	U		1.0	0.26	1	0.26	U		1.0	0.26	1						
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1						
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1						
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1						
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1						
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1						
	CHLOROMETHANE	74-87-3	T	PPBV	0.73			0.16	0.063	1	0.62			0.16	0.063	1						
				UG/M3	1.5			0.33	0.13	1	1.3			0.33	0.13	1						
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1						
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1						
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1						
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1						
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1						
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1						
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1						
	ETHYL ACETATE	141-78-6	T	PPBV	0.068	U		0.16	0.068	1	0.068	U		0.16	0.068	1						
				UG/M3	0.25	U		0.58	0.25	1	0.25	U		0.58	0.25	1						
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1						

				Lab Sample ID							L624707-2						L624707-3					
				Sample Name							SPAR0428MC002						SPAR0428MC003					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.20			0.16	0.045	1	0.22			0.16	0.045	1	0.22			0.16	0.045	1
				UG/M3	1.1			0.90	0.25	1	1.2			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.38	U		1.2	0.38	1	0.38	U		1.2	0.38	1	0.38	U		1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.46			0.16	0.052	1	0.43			0.16	0.052	1	0.43			0.16	0.052	1
				UG/M3	2.3			0.79	0.26	1	2.1			0.79	0.26	1	2.1			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.056	U		0.16	0.056	1	0.11	J	RL	0.16	0.056	1	0.11	J	RL	0.16	0.056	1
				UG/M3	0.20	U		0.56	0.20	1	0.39	J	RL	0.56	0.20	1	0.39	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.23	J	RL	0.50	0.18	1	0.18	J	RL	0.50	0.18	1	0.18	J	RL	0.50	0.18	1
				UG/M3	0.56	J	RL	1.2	0.43	1	0.45	J	RL	1.2	0.43	1	0.45	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.20	J	RL	0.32	0.10	1	0.11	J	RL	0.32	0.10	1	0.11	J	RL	0.32	0.10	1
				UG/M3	0.85	J	RL	1.4	0.45	1	0.47	J	RL	1.4	0.45	1	0.47	J	RL	1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.28			0.16	0.092	1	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	1.2			0.66	0.38	1	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.87			0.16	0.061	1	0.21			0.16	0.061	1	0.21			0.16	0.061	1
				UG/M3	2.6			0.47	0.18	1	0.61			0.47	0.18	1	0.61			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID							L624707-3					
				Sample Name							SPAR0428MC003					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.11	J	RL	0.16	0.076	1	0.091	J	RL	0.16	0.076	1
				UG/M3	0.37	J	RL	0.56	0.26	1	0.32	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.44			0.16	0.067	1	0.71			0.16	0.067	1
				UG/M3	1.1			0.38	0.16	1	1.7			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0		TIC	0		1	0		TIC	0		1
				UG/M3	0		TIC	0		1	0		TIC	0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.45			0.16	0.050	1	0.55			0.16	0.050	1
				UG/M3	1.3			0.47	0.15	1	1.6			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.31	J	RL	0.50	0.20	1	0.29	J	RL	0.50	0.20	1
				UG/M3	0.52	J	RL	0.86	0.35	1	0.50	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1

				Lab Sample ID	L624707-2						L624707-3					
				Sample Name	SPAR0428MC002						SPAR0428MC003					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.51			0.16	0.050	1	0.34			0.16	0.050	1
				UG/M3	1.9			0.60	0.19	1	1.3			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.097	J	RL	0.16	0.075	1	0.075	U		0.16	0.075	1
				UG/M3	0.34	J	RL	0.56	0.26	1	0.26	U		0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID	L624707-4						L624707-5					
				Sample Name	SPAR0428MC004						SPAR0428MC005					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624707-5					
				Sample Name							SPAR0428MC005					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	14.			0.50	0.19	1	8.7			0.50	0.19	1
				UG/M3	33.			1.2	0.45	1	21.			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.068	U		0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.16	U		0.37	0.16	1	0.16	U		0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.11	J	RL	0.16	0.044	1	0.083	J	RL	0.16	0.044	1
				UG/M3	0.35	J	RL	0.51	0.14	1	0.27	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID							L624707-5					
				Sample Name							SPAR0428MC005					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.041	U		0.16	0.041	1	0.070	J	RL	0.16	0.041	1
				UG/M3	0.26	U		1.0	0.26	1	0.44	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.64			0.16	0.063	1	0.53			0.16	0.063	1
				UG/M3	1.3			0.33	0.13	1	1.1			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHANE, 1,1-DIFLUORO-	75-37-6	T	PPBV	1.5	NJ	TIC	0		1						
				UG/M3	4.1	NJ	TIC	0		1						
	ETHYL ACETATE	141-78-6	T	PPBV	0.24			0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.87			0.58	0.25	1	0.25	U		0.58	0.25	1

				Lab Sample ID							L624707-4						L624707-5					
				Sample Name							SPAR0428MC004						SPAR0428MC005					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1
	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.21			0.16	0.045	1	0.21			0.16	0.045	1	0.21			0.16	0.045	1
				UG/M3	1.2			0.90	0.25	1	1.2			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.050	U		0.16	0.050	1	0.071	J	RL	0.16	0.050	1	0.071	J	RL	0.16	0.050	1
				UG/M3	0.38	U		1.2	0.38	1	0.54	J	RL	1.2	0.38	1	0.54	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.44			0.16	0.052	1	0.42			0.16	0.052	1	0.42			0.16	0.052	1
				UG/M3	2.2			0.79	0.26	1	2.1			0.79	0.26	1	2.1			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.056	U		0.16	0.056	1	0.072	J	RL	0.16	0.056	1	0.072	J	RL	0.16	0.056	1
				UG/M3	0.20	U		0.56	0.20	1	0.25	J	RL	0.56	0.20	1	0.25	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.43	J	RL	0.50	0.18	1	0.23	J	RL	0.50	0.18	1	0.23	J	RL	0.50	0.18	1
				UG/M3	1.0	J	RL	1.2	0.43	1	0.57	J	RL	1.2	0.43	1	0.57	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.11	J	RL	0.32	0.10	1	0.10	U		0.32	0.10	1	0.10	U		0.32	0.10	1
				UG/M3	0.46	J	RL	1.4	0.45	1	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.19			0.16	0.061	1	0.17			0.16	0.061	1	0.17			0.16	0.061	1
				UG/M3	0.55			0.47	0.18	1	0.51			0.47	0.18	1	0.51			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1

				Lab Sample ID	L624707-4						L624707-5					
				Sample Name	SPAR0428MC004						SPAR0428MC005					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1
	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.076	U		0.16	0.076	1	0.10	J	RL	0.16	0.076	1
				UG/M3	0.26	U		0.56	0.26	1	0.36	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.63			0.16	0.067	1	0.43			0.16	0.067	1
				UG/M3	1.5			0.38	0.16	1	1.0			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV							0		TIC	0		1
				UG/M3							0		TIC	0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.81			0.16	0.050	1	0.35			0.16	0.050	1
				UG/M3	2.4			0.47	0.15	1	1.0			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.20	U		0.50	0.20	1	0.28	J	RL	0.50	0.20	1
				UG/M3	0.35	U		0.86	0.35	1	0.48	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1

				Lab Sample ID							L624707-5					
				Sample Name							SPAR0428MC005					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1
	TOLUENE	108-88-3	T	PPBV	0.26			0.16	0.050	1	0.20			0.16	0.050	1
				UG/M3	0.97			0.60	0.19	1	0.75			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.075	U		0.16	0.075	1	0.075	U		0.16	0.075	1
				UG/M3	0.26	U		0.56	0.26	1	0.26	U		0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID							L624707-7					
				Sample Name							SPAR0428MC007					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.057	J	RL	0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	J	RL	0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID	L624707-6						L624707-7					
				Sample Name	SPAR0428MC006						SPAR0428MC007					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	1.7			0.50	0.19	1	2.4			0.50	0.19	1
				UG/M3	4.1			1.2	0.45	1	5.7			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.068	U		0.16	0.068	1	0.095	J	RL	0.16	0.068	1
				UG/M3	0.16	U		0.37	0.16	1	0.22	J	RL	0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.11	J	RL	0.16	0.044	1	0.095	J	RL	0.16	0.044	1
				UG/M3	0.34	J	RL	0.51	0.14	1	0.30	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID							L624707-7					
				Sample Name							SPAR0428MC007					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.066	J	RL	0.16	0.041	1	0.071	J	RL	0.16	0.041	1
				UG/M3	0.42	J	RL	1.0	0.26	1	0.45	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.54			0.16	0.063	1	0.54			0.16	0.063	1
				UG/M3	1.1			0.33	0.13	1	1.1			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.082	J	RL	0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.30	J	RL	0.58	0.25	1	0.25	U		0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID							L624707-7					
				Sample Name							SPAR0428MC007					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.20			0.16	0.045	1	0.21			0.16	0.045	1
				UG/M3	1.1			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.069	J	RL	0.16	0.050	1	0.063	J	RL	0.16	0.050	1
				UG/M3	0.53	J	RL	1.2	0.38	1	0.48	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.42			0.16	0.052	1	0.45			0.16	0.052	1
				UG/M3	2.1			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.073	J	RL	0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.26	J	RL	0.56	0.20	1	0.20	U		0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.18	U		0.50	0.18	1	0.25	J	RL	0.50	0.18	1
				UG/M3	0.43	U		1.2	0.43	1	0.62	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.14	J	RL	0.32	0.10	1	0.10	U		0.32	0.10	1
				UG/M3	0.60	J	RL	1.4	0.45	1	0.45	U		1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.17			0.16	0.061	1	0.18			0.16	0.061	1
				UG/M3	0.51			0.47	0.18	1	0.52			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID							L624707-6						L624707-7					
				Sample Name							SPAR0428MC006						SPAR0428MC007					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1						
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1						
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.10	J	RL	0.16	0.076	1	0.10	J	RL	0.16	0.076	1						
				UG/M3	0.35	J	RL	0.56	0.26	1	0.36	J	RL	0.56	0.26	1						
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1						
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1						
	N-BUTANE	106-97-8	T	PPBV	0.41			0.16	0.067	1	0.30			0.16	0.067	1						
				UG/M3	0.97			0.38	0.16	1	0.71			0.38	0.16	1						
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0		TIC	0		1	0		TIC	0		1						
				UG/M3	0		TIC	0		1	0		TIC	0		1						
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1						
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1						
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1						
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1						
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1						
	PENTANE	109-66-0	T	PPBV	0.34			0.16	0.050	1	0.20			0.16	0.050	1						
				UG/M3	1.0			0.47	0.15	1	0.58			0.47	0.15	1						
	PROPYLENE	115-07-1	T	PPBV	0.34	J	RL	0.50	0.20	1	0.33	J	RL	0.50	0.20	1						
				UG/M3	0.58	J	RL	0.86	0.35	1	0.56	J	RL	0.86	0.35	1						
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1						
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1						
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1						
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1						
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1						
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.088	J	RL	0.16	0.065	1						
				UG/M3	0.19	U		0.47	0.19	1	0.26	J	RL	0.47	0.19	1						

				Lab Sample ID							L624707-6						L624707-7					
				Sample Name							SPAR0428MC006						SPAR0428MC007					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.27			0.16	0.050	1	0.23			0.16	0.050	1	0.23			0.16	0.050	1
				UG/M3	1.0			0.60	0.19	1	0.86			0.60	0.19	1	0.86			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.075	U		0.16	0.075	1	0.082	J	RL	0.16	0.075	1	0.082	J	RL	0.16	0.075	1
				UG/M3	0.26	U		0.56	0.26	1	0.29	J	RL	0.56	0.26	1	0.29	J	RL	0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID	L624707-8						L624707-9					
				Sample Name	SPAR0428MC008						SPAR0428MC009					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.54			0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	2.7			0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624707-8						L624707-9					
				Sample Name							SPAR0428MC008						SPAR0428MC009					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1						
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1						
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1						
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1						
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.065	J	RL	0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.34	J	RL	0.83	0.24	1	0.24	U		0.83	0.24	1						
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1						
	ACETONE	67-64-1	T	PPBV	390			13.	4.8	25	3.2			0.50	0.19	1						
				UG/M3	930			30.	11.	25	7.7			1.2	0.45	1						
	ACETONITRILE	75-05-8	T	PPBV	0.30	J	RL	0.50	0.20	1	0.20	U		0.50	0.20	1						
				UG/M3	0.51	J	RL	0.84	0.33	1	0.33	U		0.84	0.33	1						
	ACROLEIN	107-02-8	T	PPBV	0.25			0.16	0.068	1	0.10	J	RL	0.16	0.068	1						
				UG/M3	0.58			0.37	0.16	1	0.24	J	RL	0.37	0.16	1						
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1						
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1						
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1						
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1						
	BENZENE	71-43-2	T	PPBV	0.10	J	RL	0.16	0.044	1	0.17			0.16	0.044	1						
				UG/M3	0.33	J	RL	0.51	0.14	1	0.56			0.51	0.14	1						
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1						
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1						
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1						
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1						

				Lab Sample ID							L624707-9					
				Sample Name							SPAR0428MC009					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.073	J	RL	0.16	0.041	1	0.071	J	RL	0.16	0.041	1
				UG/M3	0.46	J	RL	1.0	0.26	1	0.45	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.55			0.16	0.063	1	0.56			0.16	0.063	1
				UG/M3	1.1			0.33	0.13	1	1.2			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.32			0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	1.2			0.58	0.25	1	0.25	U		0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID							L624707-8						L624707-9					
				Sample Name							SPAR0428MC008						SPAR0428MC009					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.057	J	RL	0.16	0.048	1	0.048	U		0.16	0.048	1						
				UG/M3	0.25	J	RL	0.69	0.21	1	0.21	U		0.69	0.21	1						
	FREON 11	75-69-4	T	PPBV	0.21			0.16	0.045	1	0.23			0.16	0.045	1						
				UG/M3	1.2			0.90	0.25	1	1.3			0.90	0.25	1						
	FREON 113	76-13-1	T	PPBV	0.070	J	RL	0.16	0.050	1	0.071	J	RL	0.16	0.050	1						
				UG/M3	0.54	J	RL	1.2	0.38	1	0.54	J	RL	1.2	0.38	1						
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1						
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1						
	FREON 12	75-71-8	T	PPBV	0.44			0.16	0.052	1	0.45			0.16	0.052	1						
				UG/M3	2.2			0.79	0.26	1	2.2			0.79	0.26	1						
	HEPTANE	142-82-5	T	PPBV	0.064	J	RL	0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.26	J	RL	0.66	0.21	1	0.21	U		0.66	0.21	1						
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1						
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1						
	HEXANE	110-54-3	T	PPBV	0.071	J	RL	0.16	0.056	1	0.066	J	RL	0.16	0.056	1						
				UG/M3	0.25	J	RL	0.56	0.20	1	0.23	J	RL	0.56	0.20	1						
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	4.3			0.50	0.18	1	0.20	J	RL	0.50	0.18	1						
				UG/M3	11.			1.2	0.43	1	0.49	J	RL	1.2	0.43	1						
	M,P-XYLENES	179601-23-1	T	PPBV	0.19	J	RL	0.32	0.10	1	0.10	U		0.32	0.10	1						
				UG/M3	0.82	J	RL	1.4	0.45	1	0.45	U		1.4	0.45	1						
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1						
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1						
	METHYL ETHYL KETONE	78-93-3	T	PPBV	1.4			0.16	0.061	1	0.23			0.16	0.061	1						
				UG/M3	4.0			0.47	0.18	1	0.67			0.47	0.18	1						
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.097	J	RL	0.16	0.084	1	0.084	U		0.16	0.084	1						
				UG/M3	0.40	J	RL	0.66	0.34	1	0.34	U		0.66	0.34	1						
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1						
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1						

				Lab Sample ID							L624707-8						L624707-9					
				Sample Name							SPAR0428MC008						SPAR0428MC009					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1						
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1						
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.12	J	RL	0.16	0.076	1	0.12	J	RL	0.16	0.076	1						
				UG/M3	0.41	J	RL	0.56	0.26	1	0.41	J	RL	0.56	0.26	1						
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1						
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1						
	N-BUTANE	106-97-8	T	PPBV	0.37			0.16	0.067	1	0.44			0.16	0.067	1						
				UG/M3	0.88			0.38	0.16	1	1.0			0.38	0.16	1						
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0		TIC	0		1	0		TIC	0		1						
				UG/M3	0		TIC	0		1	0		TIC	0		1						
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1						
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1						
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1						
	O-XYLENE	95-47-6	T	PPBV	0.086	J	RL	0.16	0.056	1	0.056	U		0.16	0.056	1						
				UG/M3	0.37	J	RL	0.69	0.24	1	0.24	U		0.69	0.24	1						
	PENTANE	109-66-0	T	PPBV	0.47			0.16	0.050	1	0.60			0.16	0.050	1						
				UG/M3	1.4			0.47	0.15	1	1.8			0.47	0.15	1						
	PROPYLENE	115-07-1	T	PPBV	0.30	J	RL	0.50	0.20	1	0.45	J	RL	0.50	0.20	1						
				UG/M3	0.52	J	RL	0.86	0.35	1	0.77	J	RL	0.86	0.35	1						
	STYRENE	100-42-5	T	PPBV	0.069	J	RL	0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.29	J	RL	0.68	0.22	1	0.22	U		0.68	0.22	1						
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	2.5			0.50	0.16	1	0.16	U		0.50	0.16	1						
				UG/M3	7.7			1.5	0.50	1	0.50	U		1.5	0.50	1						
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1						
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1						
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.21			0.16	0.065	1	0.072	J	RL	0.16	0.065	1						
				UG/M3	0.62			0.47	0.19	1	0.21	J	RL	0.47	0.19	1						

				Lab Sample ID							L624707-8						L624707-9					
				Sample Name							SPAR0428MC008						SPAR0428MC009					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF						
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.47			0.16	0.050	1	0.29			0.16	0.050	1						
				UG/M3	1.8			0.60	0.19	1	1.1			0.60	0.19	1						
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1						
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1						
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1						
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1						
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1						
	VINYL ACETATE	108-05-4	T	PPBV	0.22			0.16	0.075	1	0.075	U		0.16	0.075	1						
				UG/M3	0.76			0.56	0.26	1	0.26	U		0.56	0.26	1						
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1						
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1						
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1						
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1						

QUALITY ASSURANCE REPORT
FOR THE SPRINGDALE, ARKANSAS SITE
AIR SAMPLES
CTEH PROJECT NUMBER: 040650
SAMPLE DELIVERY GROUP: L624844

June 12, 2024

Prepared for:

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Introduction

Section 1 Quality Assurance Review

Section 2 Data Qualifiers, Reason Codes, and Acronyms and Abbreviations

Section 3 Analytical Results



INTRODUCTION

This QA review is based upon an examination of the data generated from the analyses of the 14 air samples collected on April 30, 2024, at the Springdale, Arkansas site. These samples were analyzed by SGS Galson of East Syracuse, New York (SGS Galson), for VOCs plus TICs by US EPA Method TO-15.

This review was performed in accordance with the above referenced analytical methods. This review was performed with guidance from the National Functional Guidelines for Organic Data Review (1999, US EPA). These validation guidance documents specifically address analyses performed in accordance with the CLP analytical methods and are not completely applicable to the type of analyses and analytical protocols performed for the US EPA method utilized by the laboratory for these samples. Environmental Standards, Inc. (Environmental Standards) used professional judgment to determine the usability of the analytical results and compliance relative to the US EPA method utilized by the laboratory.

Data were examined to determine the usability of the analytical results relative to the laboratory acceptance criteria and compliance relative to the requirements specified in the analytical methods. In addition, the deliverables were evaluated for completeness and accuracy. Details of this QA review are presented in Section 1 of this report. The reported analytical results are presented in Section 3; any required data validation qualifications are presented on the qualified data tables in Section 3. Reason codes have been placed next to results to enable the data user to quickly assess the qualitative and/or quantitative reliability of any result based on the criteria evaluated. The data qualifications allow the data end-user to best understand the usability of any result. Data not qualified in this report should be considered valid based on the QC criteria that have been reviewed.

The analytical results and associated laboratory QC samples were reviewed to determine the integrity of the reported analytical results and to ensure that the data met the established DQOs. This QA review includes all samples in SGS Galson Report Number L624844.

TABLE 1**SAMPLES THAT HAVE UNDERGONE LEVEL 2 QUALITY ASSURANCE REVIEW**

Sample Identification	Laboratory Sample Identification	Laboratory Report Number	Matrix	Date Sample Collected	Parameter Examined
SPAR0429MC001	L624844-1	L624844	Air	4/30/24	VOC
SPAR0429MC002	L624844-2	L624844	Air	4/30/24	VOC
SPAR0429MC003	L624844-3	L624844	Air	4/30/24	VOC
SPAR0429MC004	L624844-4	L624844	Air	4/30/24	VOC
SPAR0429MC005	L624844-5	L624844	Air	4/30/24	VOC
SPAR0429MC006	L624844-6	L624844	Air	4/30/24	VOC
SPAR0429MC007	L624844-7	L624844	Air	4/30/24	VOC
SPAR0429MC008	L624844-8	L624844	Air	4/30/24	VOC
SPAR0429MC009	L624844-9	L624844	Air	4/30/24	VOC
SPAR0429MC010	L624844-10	L624844	Air	4/30/24	VOC
SPAR0429MC011	L624844-11	L624844	Air	4/30/24	VOC
SPAR0429MC012	L624844-12	L624844	Air	4/30/24	VOC
SPAR0429MC013	L624844-13	L624844	Air	4/30/24	VOC
SPAR0429MC014	L624844-14	L624844	Air	4/30/24	VOC

Parameter Examined:

VOC - VOCs plus TICs by SW-846 Method 8260C.

SECTION 1 QUALITY ASSURANCE REVIEW

ITEMS REVIEWED

COC Record and Case Narrative	Holding Times
Sample Preservation	Blank Results
LCS/LCSD Recovery and Precision	DLS Recovery
TIC Results	CCV Results

Based upon review of the data package provided, the following issues and data qualifiers are offered. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following issues should not be construed as an indication of laboratory performance.

COMMENTS

1. The Level 2 laboratory analytical report and EDD were provided on May 16, 2024. A final revised analytical report and EDD were provided on June 7, 2024.
2. The samples were collected over a period of up to 24 hours. Specific sample start and stop times and sampling durations were provided on the Chain-of-Custody (COC) Record. The laboratory logged in the samples using the default collection time of 12:00 AM.
3. The Laboratory Footnote Report noted that the sample canister for sample SPAR0429MC006 was received at/near ambient pressure.
4. The laboratory analytical report was reported to the RL; however, MDL reporting is required for this project. Upon Environmental Standards' request, SGS Galson provided a revised laboratory analytical report to report to the MDL.

QUALIFICATION

Based on the items included in this QA review, the following qualifiers are offered.

- All positive results reported between the MDL and RL should be considered estimated and have been flagged "J" on the data tables. (Reason Code RL)
- All other TICs have been flagged as estimated ("J") on the data tables because the method of analysis uses an arbitrary RRF of 1.0 for the quantitation of TIC concentrations. TIC results that have been given a specific compound name and CAS #

by the laboratory have also been flagged “N” (tentative) on the data tables. Reference standards are not used to identify these TICs; therefore, the assigned compound name and CAS # can only be considered tentative. (Reason Code TIC)

Validation performed by:	Valerie Butterhof, Quality Assurance Chemist
Validation reviewed by:	Kaitlyn E. Podufalski, Senior Quality Assurance Chemist/Project Manager
Report approved by:	Rock J. Vitale, CEAC, Technical Director of Chemistry/Principal



SECTION 2

DATA QUALIFIERS, REASON CODES, AND ACRONYMS

DATA QUALIFIERS

- U This result should be considered “not-detected” because it was not detected above the detection limit or it was detected in a field blank or laboratory blank at a similar level.
- R Unreliable positive or non-detect result; analyte may or may not be present in sample.
- J Quantitation is approximate due to limitations identified during data validation.
- UJ This analyte was not detected, but the reporting limit may or may not be higher due to a bias identified during data validation.
- NJ The analysis indicates the presence of a compound that has been “tentatively identified” and the associated numerical value represents its approximate concentration.



REASON CODES AND EXPLANATIONS

Reason Code	Explanation
BE	Equipment blank contamination. The result should be considered "not-detected."
BF	Field blank contamination. The result should be considered "not-detected."
BL	Laboratory blank contamination. The result should be considered "not-detected."
BN	Negative laboratory blank contamination.
BT	Trip blank contamination. The result should be considered "not-detected."
C	Initial and/or continuing calibration issue, indeterminate bias.
C+	Initial and/or continuing calibration issue. The result may be biased high.
C-	Initial and/or continuing calibration issue. The result may be biased low.
E	Result exceeds linear calibration range.
FD	Field duplicate imprecision.
FG	Total versus dissolved imprecision.
H	Holding time exceeded.
I	Internal standard recovery outside of acceptance limits.
L	LCS and LCSD recoveries outside of acceptance limits, indeterminate bias.
L+	LCS and/or LCSD recoveries outside of acceptance limits. The result may be biased high.
L-	LCS and/or LCSD recoveries outside of acceptance limits. The result may be biased low.
LD	Laboratory duplicate imprecision.
LP	LCS/LCSD imprecision.
M	MS and MSD recoveries outside of acceptance limits, indeterminate bias.
M+	MS and/or MSD recoveries outside of acceptance limits. The result may be biased high.
M-	MS and/or MSD recoveries outside of acceptance limits. The result may be biased low.
MP	MS/MSD imprecision.
P	Post-digestion spike recoveries outside of acceptance limits, indeterminate bias.
P+	Post-digestion spike recovery outside of acceptance limits. The result may be biased high.
P-	Post-digestion spike recovery outside of acceptance limits. The result may be biased low.
Q	Chemical preservation issue.
R	RL standards outside of acceptance limits, indeterminate bias.
R+	RL standard(s) outside of acceptance limits. The result may be biased high.
R-	RL standard(s) outside of acceptance limits. The result may be biased low.
RL	Result reported between the method detection limit and the reporting limit.
T	Temperature preservation issue.
TIC	Tentatively identified compound.
S+	Surrogate outside of acceptance limits. The result may be biased high.
S-	Surrogate outside of acceptance limits. The result may be biased low.
SD	Serial dilution imprecision.
X	Percent solids < 50%.
Z	ICP or ICP/MS interference.
ZZ	Other.

ACROMYNS AND ABBREVIATIONS

Acronym/ Abbreviation	Description
BEX	Benzene, Ethylbenzene, and Xylene
BFB	Bromofluorobenzene
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
°C	Celsius (degree)
CaCO ₃	Calcium Carbonate
CAS #	Chemical Abstract Service Number(s)
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCC	Calibration Check Compound
CCV	Continuing Calibration Verification
CEAC	Certified Environmental Analytical Chemist
CF	Calibration Factor
CFR	Code of Federal Regulations
CLP	Contract Laboratory Program
COA	Certificate of Analysis
COC	Chain-of-Custody
CRDL	Contract-Required Detection Limit
CRQL	Contract-Required Quantitation Limit
CTEH	Center for Toxicology and Environmental Health
%D	Percent Difference
DAI	Direct Aqueous Injection
DCS	Detectability Check Sample
DLS	Detection Limit Standard
DF	Dilution Factor
DQO	Data Quality Objective
DRO	Diesel Range Organic
DUP	Sample Duplicate
EDB	Ethylene Dibromide
EDD	Electronic Data Deliverable
EDL	Estimated Detection Limit

Acronym/ Abbreviation	Description
EIS	Extracted Internal Standard
°F	Fahrenheit (degree)
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
HASL	Health and Safety Laboratory
HCl	Hydrochloric Acid
HDPE	High Density Polyethylene
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
ID	Identification
IDL	Instrument Detection Limit
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LIMS	Laboratory Information Management System
LLE	Liquid-Liquid Extraction
LOD	Limit of Detection
LOQ	Limit of Quantitation
M.S.	Master of Science
MB	Method Blank
MDL	Method Detection Limit
Me	Methanol
mg/L	Milligrams per Liter
MRL	Method Reporting Limit
MS	Mass Spectrometry/Matrix Spike
MS/MS	Tandem Mass Spectrometry
MS/MSD	Matrix Spike/Matrix Spike Duplicate
MTBE	Methyl <i>Tertiary</i> Butyl Ether
ND	Not Detected (at or above the detection limit) or “Not-Detected”

Acronym/ Abbreviation	Description
Ph.D.	Doctor or holds a Doctorate Degree
PM	Project Manager
PMP	Project Management Professional
ppb	parts per billion
ppm	parts per million
ppt	parts per trillion
PQL	Practical Quantitation Limit
PRDL	Project-Required Detection Limit
PRQL	Project-Required Quantitation Limit
PRRL	Project-Required Reporting Limit
PVC	Polyvinyl Chloride
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RF	Response Factor
RL	Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSD	Relative Standard Deviation
RT	Retention Time
S/N	Signal-to-Noise
SAP	Sampling and Analysis Plan
SCUR	Sample Conditions Upon Receipt
SDG	Sample Delivery Group
SIM	Selective Ion Monitoring
SOP	Standard Operating Procedure
SU	Standard Units
SW-846	Test Methods for Evaluating Solid Waste Physical/Chemical Method
TBA	<i>Tert</i> -butyl Acetate
TCE	Trichloroethylene
TCEQ	Texas Commission on Environmental Quality

Acronym/ Abbreviation	Description
TCP	Trichloropropane
TIC	Tentatively Identified Compound
µg/L	Micrograms per Liter
UCL	Upper Control Limit
US	United States
USACE	United States Army Corps of Engineers
US EPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
VTSR	Validated Time of Sample Receipt
WO	Work Order(s)
WP	Work Plan
ZHE	Zero Headspace Extraction/Extractor



SECTION 3

ANALYTICAL RESULTS

				Lab Sample ID	L624844-1						L624844-10					
				Sample Name	SPAR0429MC001						SPAR0429MC010					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.25			0.16	0.056	1	0.27			0.16	0.056	1
				UG/M3	1.2			0.79	0.28	1	1.3			0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624844-10					
				Sample Name							SPAR0429MC010					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.055	J	RL	0.16	0.050	1	0.062	J	RL	0.16	0.050	1
				UG/M3	0.26	J	RL	0.75	0.23	1	0.29	J	RL	0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	3-BUTEN-1-OL, 3-METHYL-	763-32-6	T	PPBV	1.1	NJ	TIC	0		1	1.8	NJ	TIC	0		1
				UG/M3	3.9	NJ	TIC	0		1	6.3	NJ	TIC	0		1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	300.			13.	4.8	25	400.			13.	4.8	25
				UG/M3	710			30.	11.	25	950			30.	11.	25
	ACETONITRILE	75-05-8	T	PPBV	0.23	J	RL	0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.38	J	RL	0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.14	J	RL	0.16	0.068	1	0.19			0.16	0.068	1
				UG/M3	0.33	J	RL	0.37	0.16	1	0.44			0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.12	J	RL	0.16	0.044	1	0.15	J	RL	0.16	0.044	1
				UG/M3	0.37	J	RL	0.51	0.14	1	0.46	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1

				Lab Sample ID							L624844-10					
				Sample Name							SPAR0429MC010					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1
	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.070	J	RL	0.16	0.041	1	0.080	J	RL	0.16	0.041	1
				UG/M3	0.44	J	RL	1.0	0.26	1	0.50	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.43			0.16	0.063	1	0.49			0.16	0.063	1
				UG/M3	0.90			0.33	0.13	1	1.0			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.25			0.16	0.068	1	0.25			0.16	0.068	1
				UG/M3	0.90			0.58	0.25	1	0.91			0.58	0.25	1

				Lab Sample ID	L624844-1						L624844-10					
				Sample Name	SPAR0429MC001						SPAR0429MC010					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1
	ETHYLBENZENE	100-41-4	T	PPBV	0.056	J	RL	0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.24	J	RL	0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.20			0.16	0.045	1	0.21			0.16	0.045	1
				UG/M3	1.1			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.067	J	RL	0.16	0.050	1	0.070	J	RL	0.16	0.050	1
				UG/M3	0.51	J	RL	1.2	0.38	1	0.54	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.41			0.16	0.052	1	0.45			0.16	0.052	1
				UG/M3	2.0			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.059	J	RL	0.16	0.051	1	0.086	J	RL	0.16	0.051	1
				UG/M3	0.24	J	RL	0.66	0.21	1	0.35	J	RL	0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.13	J	RL	0.16	0.056	1	0.11	J	RL	0.16	0.056	1
				UG/M3	0.47	J	RL	0.56	0.20	1	0.40	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	3.8			0.50	0.18	1	6.1			0.50	0.18	1
				UG/M3	9.2			1.2	0.43	1	15.			1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.17	J	RL	0.32	0.10	1	0.13	J	RL	0.32	0.10	1
				UG/M3	0.73	J	RL	1.4	0.45	1	0.55	J	RL	1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	1.0			0.16	0.061	1	1.4			0.16	0.061	1
				UG/M3	3.0			0.47	0.18	1	4.1			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1

				Lab Sample ID							L624844-10					
				Sample Name							SPAR0429MC010					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1
	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.13	J	RL	0.16	0.076	1	0.12	J	RL	0.16	0.076	1
				UG/M3	0.43	J	RL	0.56	0.26	1	0.41	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.68			0.16	0.067	1	0.65			0.16	0.067	1
				UG/M3	1.6			0.38	0.16	1	1.5			0.38	0.16	1
	NONANAL	124-19-6	T	PPBV							1.8	NJ	TIC	0		1
				UG/M3							11.	NJ	TIC	0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.068	J	RL	0.16	0.056	1	0.056	J	RL	0.16	0.056	1
				UG/M3	0.30	J	RL	0.69	0.24	1	0.24	J	RL	0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.65			0.16	0.050	1	0.72			0.16	0.050	1
				UG/M3	1.9			0.47	0.15	1	2.1			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.39	J	RL	0.50	0.20	1	0.45	J	RL	0.50	0.20	1
				UG/M3	0.67	J	RL	0.86	0.35	1	0.77	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.068	J	RL	0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.29	J	RL	0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	2.5			0.50	0.16	1	3.2			0.50	0.16	1
				UG/M3	7.7			1.5	0.50	1	9.6			1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1

				Lab Sample ID	L624844-1						L624844-10					
				Sample Name	SPAR0429MC001						SPAR0429MC010					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TETRAHYDROFURAN	109-99-9	T	PPBV	0.19			0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.55			0.47	0.19	1	0.19	U		0.47	0.19	1
	TOLUENE	108-88-3	T	PPBV	0.53			0.16	0.050	1	0.36			0.16	0.050	1
				UG/M3	2.0			0.60	0.19	1	1.4			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.16			0.16	0.075	1	0.19			0.16	0.075	1
				UG/M3	0.58			0.56	0.26	1	0.68			0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID	L624844-11						L624844-12					
				Sample Name	SPAR0429MC011						SPAR0429MC012					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624844-12					
				Sample Name							SPAR0429MC012					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.096	J	RL	0.16	0.050	1	0.065	J	RL	0.16	0.050	1
				UG/M3	0.45	J	RL	0.75	0.23	1	0.30	J	RL	0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	3.0			0.50	0.19	1	6.0			0.50	0.19	1
				UG/M3	7.0			1.2	0.45	1	14.			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.22	J	RL	0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.36	J	RL	0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.095	J	RL	0.16	0.068	1	0.15	J	RL	0.16	0.068	1
				UG/M3	0.22	J	RL	0.37	0.16	1	0.35	J	RL	0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.14	J	RL	0.16	0.044	1	0.13	J	RL	0.16	0.044	1
				UG/M3	0.44	J	RL	0.51	0.14	1	0.42	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID L624844-11							L624844-12					
				Sample Name SPAR0429MC011							SPAR0429MC012					
				Sample Date 4/30/2024 12:00:00 AM							4/30/2024 12:00:00 AM					
				Sample Type TRG							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.076	J	RL	0.16	0.041	1	0.077	J	RL	0.16	0.041	1
				UG/M3	0.48	J	RL	1.0	0.26	1	0.48	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.51			0.16	0.063	1	0.55			0.16	0.063	1
				UG/M3	1.1			0.33	0.13	1	1.1			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.086	J	RL	0.16	0.068	1	0.083	J	RL	0.16	0.068	1
				UG/M3	0.31	J	RL	0.58	0.25	1	0.30	J	RL	0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID							L624844-11						L624844-12					
				Sample Name							SPAR0429MC011						SPAR0429MC012					
				Sample Date							4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.057	J	RL	0.16	0.048	1	0.048	U		0.16	0.048	1						
				UG/M3	0.25	J	RL	0.69	0.21	1	0.21	U		0.69	0.21	1						
	FREON 11	75-69-4	T	PPBV	0.22			0.16	0.045	1	0.23			0.16	0.045	1						
				UG/M3	1.2			0.90	0.25	1	1.3			0.90	0.25	1						
	FREON 113	76-13-1	T	PPBV	0.073	J	RL	0.16	0.050	1	0.071	J	RL	0.16	0.050	1						
				UG/M3	0.56	J	RL	1.2	0.38	1	0.54	J	RL	1.2	0.38	1						
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1						
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1						
	FREON 12	75-71-8	T	PPBV	0.45			0.16	0.052	1	0.43			0.16	0.052	1						
				UG/M3	2.2			0.79	0.26	1	2.1			0.79	0.26	1						
	HEPTANE	142-82-5	T	PPBV	0.061	J	RL	0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.25	J	RL	0.66	0.21	1	0.21	U		0.66	0.21	1						
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1						
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1						
	HEXANE	110-54-3	T	PPBV	0.15	J	RL	0.16	0.056	1	0.27			0.16	0.056	1						
				UG/M3	0.53	J	RL	0.56	0.20	1	0.94			0.56	0.20	1						
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.26	J	RL	0.50	0.18	1	0.91			0.50	0.18	1						
				UG/M3	0.63	J	RL	1.2	0.43	1	2.2			1.2	0.43	1						
	M,P-XYLENES	179601-23-1	T	PPBV	0.19	J	RL	0.32	0.10	1	0.10	U		0.32	0.10	1						
				UG/M3	0.84	J	RL	1.4	0.45	1	0.45	U		1.4	0.45	1						
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1						
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1						
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.26			0.16	0.061	1	0.69			0.16	0.061	1						
				UG/M3	0.77			0.47	0.18	1	2.0			0.47	0.18	1						
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1						
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1						
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1						
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1						

				Lab Sample ID							L624844-12					
				Sample Name							SPAR0429MC012					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.11	J	RL	0.16	0.076	1	0.16	J	RL	0.16	0.076	1
				UG/M3	0.37	J	RL	0.56	0.26	1	0.55	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.94			0.16	0.067	1	1.3			0.16	0.067	1
				UG/M3	2.2			0.38	0.16	1	3.1			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1
				UG/M3	0	U		0		1	0	U		0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.073	J	RL	0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.32	J	RL	0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.42			0.16	0.050	1	1.0			0.16	0.050	1
				UG/M3	1.2			0.47	0.15	1	3.0			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.48	J	RL	0.50	0.20	1	0.46	J	RL	0.50	0.20	1
				UG/M3	0.83	J	RL	0.86	0.35	1	0.80	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1

				Lab Sample ID	L624844-11						L624844-12					
				Sample Name	SPAR0429MC011						SPAR0429MC012					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.41			0.16	0.050	1	0.24			0.16	0.050	1
				UG/M3	1.6			0.60	0.19	1	0.89			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.075	U		0.16	0.075	1	0.16			0.16	0.075	1
				UG/M3	0.26	U		0.56	0.26	1	0.58			0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID							L624844-14					
				Sample Name							SPAR0429MC014					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624844-14					
				Sample Name							SPAR0429MC014					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.11	J	RL	0.16	0.050	1	0.063	J	RL	0.16	0.050	1
				UG/M3	0.50	J	RL	0.75	0.23	1	0.29	J	RL	0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	2.4			0.50	0.19	1	3.4			0.50	0.19	1
				UG/M3	5.8			1.2	0.45	1	8.2			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.18			0.16	0.068	1	0.15	J	RL	0.16	0.068	1
				UG/M3	0.42			0.37	0.16	1	0.35	J	RL	0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.087	J	RL	0.16	0.044	1	0.12	J	RL	0.16	0.044	1
				UG/M3	0.28	J	RL	0.51	0.14	1	0.38	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID							L624844-14					
				Sample Name							SPAR0429MC014					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.072	J	RL	0.16	0.041	1	0.070	J	RL	0.16	0.041	1
				UG/M3	0.45	J	RL	1.0	0.26	1	0.44	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.46			0.16	0.063	1	0.48			0.16	0.063	1
				UG/M3	0.95			0.33	0.13	1	0.99			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.068	U		0.16	0.068	1	0.074	J	RL	0.16	0.068	1
				UG/M3	0.25	U		0.58	0.25	1	0.27	J	RL	0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID L624844-13							L624844-14					
				Sample Name SPAR0429MC013							SPAR0429MC014					
				Sample Date 4/30/2024 12:00:00 AM							4/30/2024 12:00:00 AM					
				Sample Type TRG							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.21			0.16	0.045	1	0.21			0.16	0.045	1
				UG/M3	1.2			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.068	J	RL	0.16	0.050	1	0.066	J	RL	0.16	0.050	1
				UG/M3	0.52	J	RL	1.2	0.38	1	0.51	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.43			0.16	0.052	1	0.42			0.16	0.052	1
				UG/M3	2.1			0.79	0.26	1	2.1			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.053	J	RL	0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.22	J	RL	0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.084	J	RL	0.16	0.056	1	0.096	J	RL	0.16	0.056	1
				UG/M3	0.30	J	RL	0.56	0.20	1	0.34	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.53			0.50	0.18	1	1.3			0.50	0.18	1
				UG/M3	1.3			1.2	0.43	1	3.2			1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.12	J	RL	0.32	0.10	1	0.10	U		0.32	0.10	1
				UG/M3	0.51	J	RL	1.4	0.45	1	0.45	U		1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.24			0.16	0.061	1	0.37			0.16	0.061	1
				UG/M3	0.72			0.47	0.18	1	1.1			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID							L624844-14					
				Sample Name							SPAR0429MC014					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.11	J	RL	0.16	0.076	1	0.11	J	RL	0.16	0.076	1
				UG/M3	0.37	J	RL	0.56	0.26	1	0.39	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.49			0.16	0.067	1	0.69			0.16	0.067	1
				UG/M3	1.2			0.38	0.16	1	1.6			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1
				UG/M3	0	U		0		1	0	U		0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.32			0.16	0.050	1	0.43			0.16	0.050	1
				UG/M3	0.94			0.47	0.15	1	1.3			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.39	J	RL	0.50	0.20	1	0.44	J	RL	0.50	0.20	1
				UG/M3	0.67	J	RL	0.86	0.35	1	0.76	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1

				Lab Sample ID	L624844-13						L624844-14					
				Sample Name	SPAR0429MC013						SPAR0429MC014					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.31			0.16	0.050	1	0.26			0.16	0.050	1
				UG/M3	1.2			0.60	0.19	1	0.97			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.11	J	RL	0.16	0.075	1	0.12	J	RL	0.16	0.075	1
				UG/M3	0.37	J	RL	0.56	0.26	1	0.42	J	RL	0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID							L624844-3					
				Sample Name							SPAR0429MC003					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.059	J	RL	0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.29	J	RL	0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624844-2						L624844-3					
				Sample Name							SPAR0429MC002						SPAR0429MC003					
				Sample Date							4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1						
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1						
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1						
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.055	J	RL	0.16	0.050	1	0.076	J	RL	0.16	0.050	1						
				UG/M3	0.26	J	RL	0.75	0.23	1	0.36	J	RL	0.75	0.23	1						
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1						
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1						
	ACETONE	67-64-1	T	PPBV	2.5			0.50	0.19	1	4.1			0.50	0.19	1						
				UG/M3	6.0			1.2	0.45	1	9.7			1.2	0.45	1						
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1						
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1						
	ACROLEIN	107-02-8	T	PPBV	0.074	J	RL	0.16	0.068	1	0.097	J	RL	0.16	0.068	1						
				UG/M3	0.17	J	RL	0.37	0.16	1	0.22	J	RL	0.37	0.16	1						
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1						
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1						
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1						
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1						
	BENZENE	71-43-2	T	PPBV	0.34			0.16	0.044	1	0.25			0.16	0.044	1						
				UG/M3	1.1			0.51	0.14	1	0.78			0.51	0.14	1						
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1						
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1						
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1						
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1						

				Lab Sample ID							L624844-2						L624844-3					
				Sample Name							SPAR0429MC002						SPAR0429MC003					
				Sample Date							4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1						
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1						
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1						
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1						
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.067	J	RL	0.16	0.041	1	0.073	J	RL	0.16	0.041	1						
				UG/M3	0.42	J	RL	1.0	0.26	1	0.46	J	RL	1.0	0.26	1						
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1						
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1						
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1						
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1						
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1						
	CHLOROMETHANE	74-87-3	T	PPBV	0.48			0.16	0.063	1	0.54			0.16	0.063	1						
				UG/M3	1.0			0.33	0.13	1	1.1			0.33	0.13	1						
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1						
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1						
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1						
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1						
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1						
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1						
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1						
	ETHANE, 1,1-DIFLUORO-	75-37-6	T	PPBV	3.0	NJ	TIC	0		1												
				UG/M3	8.0	NJ	TIC	0		1												
	ETHYL ACETATE	141-78-6	T	PPBV	0.078	J	RL	0.16	0.068	1	0.17			0.16	0.068	1						
				UG/M3	0.28	J	RL	0.58	0.25	1	0.61			0.58	0.25	1						

				Lab Sample ID	L624844-2						L624844-3					
				Sample Name	SPAR0429MC002						SPAR0429MC003					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1
	ETHYLBENZENE	100-41-4	T	PPBV	0.075	J	RL	0.16	0.048	1	0.077	J	RL	0.16	0.048	1
				UG/M3	0.33	J	RL	0.69	0.21	1	0.33	J	RL	0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.22			0.16	0.045	1	0.31			0.16	0.045	1
				UG/M3	1.2			0.90	0.25	1	1.7			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.067	J	RL	0.16	0.050	1	0.072	J	RL	0.16	0.050	1
				UG/M3	0.51	J	RL	1.2	0.38	1	0.55	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.43			0.16	0.052	1	0.45			0.16	0.052	1
				UG/M3	2.1			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.058	J	RL	0.16	0.051	1	0.083	J	RL	0.16	0.051	1
				UG/M3	0.24	J	RL	0.66	0.21	1	0.34	J	RL	0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.13	J	RL	0.16	0.056	1	0.18			0.16	0.056	1
				UG/M3	0.46	J	RL	0.56	0.20	1	0.63			0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.64			0.50	0.18	1	0.44	J	RL	0.50	0.18	1
				UG/M3	1.6			1.2	0.43	1	1.1	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.11	J	RL	0.32	0.10	1	0.17	J	RL	0.32	0.10	1
				UG/M3	0.47	J	RL	1.4	0.45	1	0.75	J	RL	1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.26			0.16	0.061	1	0.51			0.16	0.061	1
				UG/M3	0.75			0.47	0.18	1	1.5			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1

				Lab Sample ID							L624844-3					
				Sample Name							SPAR0429MC003					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1
	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.11	J	RL	0.16	0.076	1	0.12	J	RL	0.16	0.076	1
				UG/M3	0.38	J	RL	0.56	0.26	1	0.40	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.74			0.16	0.067	1	1.1			0.16	0.067	1
				UG/M3	1.8			0.38	0.16	1	2.5			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV							0	U		0		1
				UG/M3							0	U		0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.070	J	RL	0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.30	J	RL	0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.51			0.16	0.050	1	1.1			0.16	0.050	1
				UG/M3	1.5			0.47	0.15	1	3.4			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.63			0.50	0.20	1	0.73			0.50	0.20	1
				UG/M3	1.1			0.86	0.35	1	1.2			0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1

				Lab Sample ID	L624844-2						L624844-3					
				Sample Name	SPAR0429MC002						SPAR0429MC003					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.15	J	RL	0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.43	J	RL	0.47	0.19	1
	TOLUENE	108-88-3	T	PPBV	0.32			0.16	0.050	1	0.52			0.16	0.050	1
				UG/M3	1.2			0.60	0.19	1	1.9			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.075	U		0.16	0.075	1	0.10	J	RL	0.16	0.075	1
				UG/M3	0.26	U		0.56	0.26	1	0.36	J	RL	0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID	L624844-4						L624844-5					
				Sample Name	SPAR0429MC004						SPAR0429MC005					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID	L624844-4						L624844-5					
				Sample Name	SPAR0429MC004						SPAR0429MC005					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.055	J	RL	0.16	0.050	1	0.077	J	RL	0.16	0.050	1
				UG/M3	0.26	J	RL	0.75	0.23	1	0.36	J	RL	0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	3.0			0.50	0.19	1	2.5			0.50	0.19	1
				UG/M3	7.1			1.2	0.45	1	5.8			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.088	J	RL	0.16	0.068	1	0.071	J	RL	0.16	0.068	1
				UG/M3	0.20	J	RL	0.37	0.16	1	0.16	J	RL	0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.11	J	RL	0.16	0.044	1	0.13	J	RL	0.16	0.044	1
				UG/M3	0.36	J	RL	0.51	0.14	1	0.42	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID							L624844-5					
				Sample Name							SPAR0429MC005					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.070	J	RL	0.16	0.041	1	0.072	J	RL	0.16	0.041	1
				UG/M3	0.44	J	RL	1.0	0.26	1	0.45	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.45			0.16	0.063	1	0.48			0.16	0.063	1
				UG/M3	0.94			0.33	0.13	1	0.99			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.13	J	RL	0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.47	J	RL	0.58	0.25	1	0.25	U		0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID							L624844-5					
				Sample Name							SPAR0429MC005					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.20			0.16	0.045	1	0.21			0.16	0.045	1
				UG/M3	1.1			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.065	J	RL	0.16	0.050	1	0.069	J	RL	0.16	0.050	1
				UG/M3	0.50	J	RL	1.2	0.38	1	0.53	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.42			0.16	0.052	1	0.45			0.16	0.052	1
				UG/M3	2.1			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.052	J	RL	0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	J	RL	0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.098	J	RL	0.16	0.056	1	0.14	J	RL	0.16	0.056	1
				UG/M3	0.35	J	RL	0.56	0.20	1	0.48	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.18	J	RL	0.50	0.18	1	0.21	J	RL	0.50	0.18	1
				UG/M3	0.44	J	RL	1.2	0.43	1	0.52	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.10	U		0.32	0.10	1	0.10	U		0.32	0.10	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.25			0.16	0.061	1	0.22			0.16	0.061	1
				UG/M3	0.74			0.47	0.18	1	0.63			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID	L624844-4						L624844-5					
				Sample Name	SPAR0429MC004						SPAR0429MC005					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.10	J	RL	0.16	0.076	1	0.11	J	RL	0.16	0.076	1
				UG/M3	0.36	J	RL	0.56	0.26	1	0.38	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.72			0.16	0.067	1	0.97			0.16	0.067	1
				UG/M3	1.7			0.38	0.16	1	2.3			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1
				UG/M3	0	U		0		1	0	U		0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.56			0.16	0.050	1	0.49			0.16	0.050	1
				UG/M3	1.7			0.47	0.15	1	1.5			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.40	J	RL	0.50	0.20	1	0.46	J	RL	0.50	0.20	1
				UG/M3	0.69	J	RL	0.86	0.35	1	0.79	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1

				Lab Sample ID	L624844-4						L624844-5					
				Sample Name	SPAR0429MC004						SPAR0429MC005					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.26			0.16	0.050	1	0.24			0.16	0.050	1
				UG/M3	0.99			0.60	0.19	1	0.90			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.11	J	RL	0.16	0.075	1	0.075	U		0.16	0.075	1
				UG/M3	0.37	J	RL	0.56	0.26	1	0.26	U		0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID	L624844-6						L624844-7					
				Sample Name	SPAR0429MC006						SPAR0429MC007					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624844-7					
				Sample Name							SPAR0429MC007					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.082	J	RL	0.16	0.050	1	0.066	J	RL	0.16	0.050	1
				UG/M3	0.38	J	RL	0.75	0.23	1	0.31	J	RL	0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	2.4			0.50	0.19	1	3.2			0.50	0.19	1
				UG/M3	5.8			1.2	0.45	1	7.5			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.069	J	RL	0.16	0.068	1	0.081	J	RL	0.16	0.068	1
				UG/M3	0.16	J	RL	0.37	0.16	1	0.19	J	RL	0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.25			0.16	0.044	1	0.19			0.16	0.044	1
				UG/M3	0.78			0.51	0.14	1	0.61			0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID							L624844-7					
				Sample Name							SPAR0429MC007					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.070	J	RL	0.16	0.041	1	0.073	J	RL	0.16	0.041	1
				UG/M3	0.44	J	RL	1.0	0.26	1	0.46	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.054	J	RL	0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.26	J	RL	0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.47			0.16	0.063	1	0.54			0.16	0.063	1
				UG/M3	0.98			0.33	0.13	1	1.1			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHANE, 1,1-DIFLUORO-	75-37-6	T	PPBV							3.6	NJ	TIC	0		1
				UG/M3							9.6	NJ	TIC	0		1
	ETHYL ACETATE	141-78-6	T	PPBV	0.069	J	RL	0.16	0.068	1	0.088	J	RL	0.16	0.068	1
				UG/M3	0.25	J	RL	0.58	0.25	1	0.32	J	RL	0.58	0.25	1

				Lab Sample ID	L624844-6						L624844-7					
				Sample Name	SPAR0429MC006						SPAR0429MC007					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1
	ETHYLBENZENE	100-41-4	T	PPBV	0.052	J	RL	0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.23	J	RL	0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.22			0.16	0.045	1	0.23			0.16	0.045	1
				UG/M3	1.2			0.90	0.25	1	1.3			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.068	J	RL	0.16	0.050	1	0.074	J	RL	0.16	0.050	1
				UG/M3	0.52	J	RL	1.2	0.38	1	0.57	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.44			0.16	0.052	1	0.45			0.16	0.052	1
				UG/M3	2.2			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.058	J	RL	0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.24	J	RL	0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.13	J	RL	0.16	0.056	1	0.12	J	RL	0.16	0.056	1
				UG/M3	0.47	J	RL	0.56	0.20	1	0.42	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.94			0.50	0.18	1	2.2			0.50	0.18	1
				UG/M3	2.3			1.2	0.43	1	5.5			1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.13	J	RL	0.32	0.10	1	0.13	J	RL	0.32	0.10	1
				UG/M3	0.55	J	RL	1.4	0.45	1	0.54	J	RL	1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.19			0.16	0.061	1	0.29			0.16	0.061	1
				UG/M3	0.56			0.47	0.18	1	0.86			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1

				Lab Sample ID							L624844-7					
				Sample Name							SPAR0429MC007					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1
	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.11	J	RL	0.16	0.076	1	0.12	J	RL	0.16	0.076	1
				UG/M3	0.36	J	RL	0.56	0.26	1	0.40	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.80			0.16	0.067	1	0.73			0.16	0.067	1
				UG/M3	1.9			0.38	0.16	1	1.7			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1						
				UG/M3	0	U		0		1						
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.54			0.16	0.050	1	0.63			0.16	0.050	1
				UG/M3	1.6			0.47	0.15	1	1.8			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.76			0.50	0.20	1	0.54			0.50	0.20	1
				UG/M3	1.3			0.86	0.35	1	0.93			0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1

				Lab Sample ID							L624844-7					
				Sample Name							SPAR0429MC006					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1
	TOLUENE	108-88-3	T	PPBV	0.32			0.16	0.050	1	0.36			0.16	0.050	1
				UG/M3	1.2			0.60	0.19	1	1.4			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.075	U		0.16	0.075	1	0.075	U		0.16	0.075	1
				UG/M3	0.26	U		0.56	0.26	1	0.26	U		0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID	L624844-8						L624844-9					
				Sample Name	SPAR0429MC008						SPAR0429MC009					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624844-8						L624844-9					
				Sample Name							SPAR0429MC008						SPAR0429MC009					
				Sample Date							4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF						
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1						
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1						
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1						
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.084	J	RL	0.16	0.050	1	0.050	J	RL	0.16	0.050	1						
				UG/M3	0.39	J	RL	0.75	0.23	1	0.23	J	RL	0.75	0.23	1						
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1						
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1						
	ACETONE	67-64-1	T	PPBV	3.1			0.50	0.19	1	3.3			0.50	0.19	1						
				UG/M3	7.4			1.2	0.45	1	7.9			1.2	0.45	1						
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1						
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1						
	ACROLEIN	107-02-8	T	PPBV	0.12	J	RL	0.16	0.068	1	0.14	J	RL	0.16	0.068	1						
				UG/M3	0.26	J	RL	0.37	0.16	1	0.32	J	RL	0.37	0.16	1						
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1						
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1						
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1						
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1						
	BENZENE	71-43-2	T	PPBV	0.18			0.16	0.044	1	0.19			0.16	0.044	1						
				UG/M3	0.59			0.51	0.14	1	0.61			0.51	0.14	1						
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1						
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1						
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1						
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1						

				Lab Sample ID							L624844-9					
				Sample Name							SPAR0429MC009					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.18	J	RL	0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.55	J	RL	1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.080	J	RL	0.16	0.041	1	0.073	J	RL	0.16	0.041	1
				UG/M3	0.50	J	RL	1.0	0.26	1	0.46	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.50			0.16	0.063	1	0.49			0.16	0.063	1
				UG/M3	1.0			0.33	0.13	1	1.0			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHANE, 1,1-DIFLUORO-	75-37-6	T	PPBV							4.5	NJ	TIC	0		1
				UG/M3							12.	NJ	TIC	0		1
	ETHYL ACETATE	141-78-6	T	PPBV	0.11	J	RL	0.16	0.068	1	0.14	J	RL	0.16	0.068	1
				UG/M3	0.38	J	RL	0.58	0.25	1	0.51	J	RL	0.58	0.25	1

				Lab Sample ID	L624844-8						L624844-9					
				Sample Name	SPAR0429MC008						SPAR0429MC009					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1
	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.051	J	RL	0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.22	J	RL	0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.22			0.16	0.045	1	0.22			0.16	0.045	1
				UG/M3	1.3			0.90	0.25	1	1.3			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.078	J	RL	0.16	0.050	1	0.076	J	RL	0.16	0.050	1
				UG/M3	0.60	J	RL	1.2	0.38	1	0.58	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.46			0.16	0.052	1	0.44			0.16	0.052	1
				UG/M3	2.3			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.060	J	RL	0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.25	J	RL	0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.14	J	RL	0.16	0.056	1	0.11	J	RL	0.16	0.056	1
				UG/M3	0.51	J	RL	0.56	0.20	1	0.39	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	3.9			0.50	0.18	1	2.0			0.50	0.18	1
				UG/M3	9.5			1.2	0.43	1	4.9			1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.13	J	RL	0.32	0.10	1	0.13	J	RL	0.32	0.10	1
				UG/M3	0.55	J	RL	1.4	0.45	1	0.57	J	RL	1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.25			0.16	0.061	1	0.30			0.16	0.061	1
				UG/M3	0.73			0.47	0.18	1	0.87			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1

				Lab Sample ID							L624844-9					
				Sample Name							SPAR0429MC009					
				Sample Date							4/30/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1
	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.12	J	RL	0.16	0.076	1	0.12	J	RL	0.16	0.076	1
				UG/M3	0.41	J	RL	0.56	0.26	1	0.40	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.97			0.16	0.067	1	0.69			0.16	0.067	1
				UG/M3	2.3			0.38	0.16	1	1.6			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1						
				UG/M3	0	U		0		1						
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.50			0.16	0.050	1	0.66			0.16	0.050	1
				UG/M3	1.5			0.47	0.15	1	1.9			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.56			0.50	0.20	1	0.58			0.50	0.20	1
				UG/M3	0.96			0.86	0.35	1	1.0			0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1

				Lab Sample ID	L624844-8						L624844-9					
				Sample Name	SPAR0429MC008						SPAR0429MC009					
				Sample Date	4/30/2024 12:00:00 AM						4/30/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.095	J	RL	0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.28	J	RL	0.47	0.19	1
	TOLUENE	108-88-3	T	PPBV	0.40			0.16	0.050	1	0.56			0.16	0.050	1
				UG/M3	1.5			0.60	0.19	1	2.1			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.075	U		0.16	0.075	1	0.095	J	RL	0.16	0.075	1
				UG/M3	0.26	U		0.56	0.26	1	0.33	J	RL	0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

QUALITY ASSURANCE REPORT
FOR THE SPRINGDALE, ARKANSAS SITE
AIR SAMPLES
CTEH PROJECT NUMBER: 040650
SAMPLE DELIVERY GROUP: L624941

June 12, 2024

Prepared for:

CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH
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Section 1 Quality Assurance Review

Section 2 Data Qualifiers, Reason Codes, and Acronyms and Abbreviations

Section 3 Analytical Results



INTRODUCTION

This QA review is based upon an examination of the data generated from the analyses of the 14 air samples collected on May 1, 2024, at the Springdale, Arkansas site. These samples were analyzed by SGS Galson of East Syracuse, New York (SGS Galson), for VOCs plus TICs by US EPA Method TO-15.

This review was performed in accordance with the above referenced analytical methods. This review was performed with guidance from the National Functional Guidelines for Organic Data Review (1999, US EPA). These validation guidance documents specifically address analyses performed in accordance with the CLP analytical methods and are not completely applicable to the type of analyses and analytical protocols performed for the US EPA method utilized by the laboratory for these samples. Environmental Standards, Inc. (Environmental Standards) used professional judgment to determine the usability of the analytical results and compliance relative to the US EPA method utilized by the laboratory.

Data were examined to determine the usability of the analytical results relative to the laboratory acceptance criteria and compliance relative to the requirements specified in the analytical methods. In addition, the deliverables were evaluated for completeness and accuracy. Details of this QA review are presented in Section 1 of this report. The reported analytical results are presented in Section 3; any required data validation qualifications are presented on the qualified data tables in Section 3. Reason codes have been placed next to results to enable the data user to quickly assess the qualitative and/or quantitative reliability of any result based on the criteria evaluated. The data qualifications allow the data end-user to best understand the usability of any result. Data not qualified in this report should be considered valid based on the QC criteria that have been reviewed.

The analytical results and associated laboratory QC samples were reviewed to determine the integrity of the reported analytical results and to ensure that the data met the established DQOs. This QA review includes all samples in SGS Galson Report Number L624941.

TABLE 1**SAMPLES THAT HAVE UNDERGONE LEVEL 2 QUALITY ASSURANCE REVIEW**

Sample Identification	Laboratory Sample Identification	Laboratory Report Number	Matrix	Date Sample Collected	Parameter Examined
SPAR0430MC001	L624941-1	L624941	Air	5/1/24	VOC
SPAR0430MC002	L624941-2	L624941	Air	5/1/24	VOC
SPAR0430MC003	L624941-3	L624941	Air	5/1/24	VOC
SPAR0430MC004	L624941-4	L624941	Air	5/1/24	VOC
SPAR0430MC005	L624941-5	L624941	Air	5/1/24	VOC
SPAR0430MC006	L624941-6	L624941	Air	5/1/24	VOC
SPAR0430MC007	L624941-7	L624941	Air	5/1/24	VOC
SPAR0430MC008	L624941-8	L624941	Air	5/1/24	VOC
SPAR0430MC009	L624941-9	L624941	Air	5/1/24	VOC
SPAR0430MC010	L624941-10	L624941	Air	5/1/24	VOC
SPAR0430MC011	L624941-11	L624941	Air	5/1/24	VOC
SPAR0430MC012	L624941-12	L624941	Air	5/1/24	VOC
SPAR0430MC013	L624941-13	L624941	Air	5/1/24	VOC
SPAR0430MC014	L624941-14	L624941	Air	5/1/24	VOC

Parameter Examined:

VOC - VOCs plus TICs by SW-846 Method 8260C.

SECTION 1 QUALITY ASSURANCE REVIEW

ITEMS REVIEWED

COC Record and Case Narrative	Holding Times
Sample Preservation	Blank Results
LCS/LCSD Recovery and Precision	DLS Recovery
TIC Results	CCV Results

Based upon review of the data package provided, the following issues and data qualifiers are offered. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following issues should not be construed as an indication of laboratory performance.

COMMENTS

1. The Level 2 laboratory analytical report and EDD were provided on May 16, 2024. A final revised analytical report and EDD were provided on June 7, 2024.
2. The samples were collected over a period of up to 24 hours. Specific sample start and stop times and sampling durations were provided on the Chain-of-Custody (COC) Record. The laboratory logged in the samples using the default collection time of 12:00 AM.
3. The Laboratory Footnote Report noted that the result for propylene in sample SPAR0430MC003 may be biased high due to co-elution with propane. Qualification due to this issue is addressed in the table below.
4. The laboratory analytical report was reported to the RL; however, MDL reporting is required for this project. Upon Environmental Standards' request, SGS Galson provided a revised laboratory analytical report to report to the MDL.

QUALIFICATION

Based on the items included in this QA review, the following qualifiers are offered.

Analyte	Sample	Validation Qualifier	Reasons for Qualification
propylene	SPAR0430MC003	J	ZZ

- All positive results reported between the MDL and RL should be considered estimated and have been flagged “J” on the data tables. (Reason Code RL)
- All other TICs have been flagged as estimated (“J”) on the data tables because the method of analysis uses an arbitrary RRF of 1.0 for the quantitation of TIC concentrations. TIC results that have been given a specific compound name and CAS # by the laboratory have also been flagged “N” (tentative) on the data tables. Reference standards are not used to identify these TICs; therefore, the assigned compound name and CAS # can only be considered tentative. (Reason Code TIC)

Validation performed by:	Valerie Butterhof, Quality Assurance Chemist
Validation reviewed by:	Kaitlyn E. Podufalski, Senior Quality Assurance Chemist/Project Manager
Report approved by:	Rock J. Vitale, CEAC, Technical Director of Chemistry/Principal



SECTION 2

DATA QUALIFIERS, REASON CODES, AND ACRONYMS

DATA QUALIFIERS

- U This result should be considered “not-detected” because it was not detected above the detection limit or it was detected in a field blank or laboratory blank at a similar level.
- R Unreliable positive or non-detect result; analyte may or may not be present in sample.
- J Quantitation is approximate due to limitations identified during data validation.
- UJ This analyte was not detected, but the reporting limit may or may not be higher due to a bias identified during data validation.
- NJ The analysis indicates the presence of a compound that has been “tentatively identified” and the associated numerical value represents its approximate concentration.



REASON CODES AND EXPLANATIONS

Reason Code	Explanation
BE	Equipment blank contamination. The result should be considered "not-detected."
BF	Field blank contamination. The result should be considered "not-detected."
BL	Laboratory blank contamination. The result should be considered "not-detected."
BN	Negative laboratory blank contamination.
BT	Trip blank contamination. The result should be considered "not-detected."
C	Initial and/or continuing calibration issue, indeterminate bias.
C+	Initial and/or continuing calibration issue. The result may be biased high.
C-	Initial and/or continuing calibration issue. The result may be biased low.
E	Result exceeds linear calibration range.
FD	Field duplicate imprecision.
FG	Total versus dissolved imprecision.
H	Holding time exceeded.
I	Internal standard recovery outside of acceptance limits.
L	LCS and LCSD recoveries outside of acceptance limits, indeterminate bias.
L+	LCS and/or LCSD recoveries outside of acceptance limits. The result may be biased high.
L-	LCS and/or LCSD recoveries outside of acceptance limits. The result may be biased low.
LD	Laboratory duplicate imprecision.
LP	LCS/LCSD imprecision.
M	MS and MSD recoveries outside of acceptance limits, indeterminate bias.
M+	MS and/or MSD recoveries outside of acceptance limits. The result may be biased high.
M-	MS and/or MSD recoveries outside of acceptance limits. The result may be biased low.
MP	MS/MSD imprecision.
P	Post-digestion spike recoveries outside of acceptance limits, indeterminate bias.
P+	Post-digestion spike recovery outside of acceptance limits. The result may be biased high.
P-	Post-digestion spike recovery outside of acceptance limits. The result may be biased low.
Q	Chemical preservation issue.
R	RL standards outside of acceptance limits, indeterminate bias.
R+	RL standard(s) outside of acceptance limits. The result may be biased high.
R-	RL standard(s) outside of acceptance limits. The result may be biased low.
RL	Result reported between the method detection limit and the reporting limit.
T	Temperature preservation issue.
TIC	Tentatively identified compound.
S+	Surrogate outside of acceptance limits. The result may be biased high.
S-	Surrogate outside of acceptance limits. The result may be biased low.
SD	Serial dilution imprecision.
X	Percent solids < 50%.
Z	ICP or ICP/MS interference.
ZZ	Other.

ACROMYNS AND ABBREVIATIONS

Acronym/ Abbreviation	Description
BEX	Benzene, Ethylbenzene, and Xylene
BFB	Bromofluorobenzene
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
°C	Celsius (degree)
CaCO ₃	Calcium Carbonate
CAS #	Chemical Abstract Service Number(s)
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCC	Calibration Check Compound
CCV	Continuing Calibration Verification
CEAC	Certified Environmental Analytical Chemist
CF	Calibration Factor
CFR	Code of Federal Regulations
CLP	Contract Laboratory Program
COA	Certificate of Analysis
COC	Chain-of-Custody
CRDL	Contract-Required Detection Limit
CRQL	Contract-Required Quantitation Limit
CTEH	Center for Toxicology and Environmental Health
%D	Percent Difference
DAI	Direct Aqueous Injection
DCS	Detectability Check Sample
DLS	Detection Limit Standard
DF	Dilution Factor
DQO	Data Quality Objective
DRO	Diesel Range Organic
DUP	Sample Duplicate
EDB	Ethylene Dibromide
EDD	Electronic Data Deliverable
EDL	Estimated Detection Limit

Acronym/ Abbreviation	Description
EIS	Extracted Internal Standard
°F	Fahrenheit (degree)
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
HASL	Health and Safety Laboratory
HCl	Hydrochloric Acid
HDPE	High Density Polyethylene
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
ID	Identification
IDL	Instrument Detection Limit
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LIMS	Laboratory Information Management System
LLE	Liquid-Liquid Extraction
LOD	Limit of Detection
LOQ	Limit of Quantitation
M.S.	Master of Science
MB	Method Blank
MDL	Method Detection Limit
Me	Methanol
mg/L	Milligrams per Liter
MRL	Method Reporting Limit
MS	Mass Spectrometry/Matrix Spike
MS/MS	Tandem Mass Spectrometry
MS/MSD	Matrix Spike/Matrix Spike Duplicate
MTBE	Methyl <i>Tertiary</i> Butyl Ether
ND	Not Detected (at or above the detection limit) or “Not-Detected”

Acronym/ Abbreviation	Description
Ph.D.	Doctor or holds a Doctorate Degree
PM	Project Manager
PMP	Project Management Professional
ppb	parts per billion
ppm	parts per million
ppt	parts per trillion
PQL	Practical Quantitation Limit
PRDL	Project-Required Detection Limit
PRQL	Project-Required Quantitation Limit
PRRL	Project-Required Reporting Limit
PVC	Polyvinyl Chloride
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RF	Response Factor
RL	Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSD	Relative Standard Deviation
RT	Retention Time
S/N	Signal-to-Noise
SAP	Sampling and Analysis Plan
SCUR	Sample Conditions Upon Receipt
SDG	Sample Delivery Group
SIM	Selective Ion Monitoring
SOP	Standard Operating Procedure
SU	Standard Units
SW-846	Test Methods for Evaluating Solid Waste Physical/Chemical Method
TBA	<i>Tert</i> -butyl Acetate
TCE	Trichloroethylene
TCEQ	Texas Commission on Environmental Quality

Acronym/ Abbreviation	Description
TCP	Trichloropropane
TIC	Tentatively Identified Compound
µg/L	Micrograms per Liter
UCL	Upper Control Limit
US	United States
USACE	United States Army Corps of Engineers
US EPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
VTSR	Validated Time of Sample Receipt
WO	Work Order(s)
WP	Work Plan
ZHE	Zero Headspace Extraction/Extractor



SECTION 3

ANALYTICAL RESULTS

				Lab Sample ID	L624941-1						L624941-10					
				Sample Name	SPAR0430MC001						SPAR0430MC010					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624941-10					
				Sample Name							SPAR0430MC010					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	3.1			0.50	0.19	1	3.3			0.50	0.19	1
				UG/M3	7.2			1.2	0.45	1	7.8			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.094	J	RL	0.16	0.068	1	0.13	J	RL	0.16	0.068	1
				UG/M3	0.22	J	RL	0.37	0.16	1	0.29	J	RL	0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.087	J	RL	0.16	0.044	1	0.081	J	RL	0.16	0.044	1
				UG/M3	0.28	J	RL	0.51	0.14	1	0.26	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID							L624941-10					
				Sample Name							SPAR0430MC010					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.071	J	RL	0.16	0.041	1	0.072	J	RL	0.16	0.041	1
				UG/M3	0.45	J	RL	1.0	0.26	1	0.45	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.55			0.16	0.063	1	0.56			0.16	0.063	1
				UG/M3	1.1			0.33	0.13	1	1.1			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.068	U		0.16	0.068	1	0.14	J	RL	0.16	0.068	1
				UG/M3	0.25	U		0.58	0.25	1	0.52	J	RL	0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID	L624941-1						L624941-10					
				Sample Name	SPAR0430MC001						SPAR0430MC010					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.22			0.16	0.045	1	0.22			0.16	0.045	1
				UG/M3	1.2			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.069	J	RL	0.16	0.050	1	0.068	J	RL	0.16	0.050	1
				UG/M3	0.53	J	RL	1.2	0.38	1	0.52	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.46			0.16	0.052	1	0.45			0.16	0.052	1
				UG/M3	2.3			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.20	U		0.56	0.20	1	0.20	U		0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.27	J	RL	0.50	0.18	1	0.31	J	RL	0.50	0.18	1
				UG/M3	0.66	J	RL	1.2	0.43	1	0.76	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.10	U		0.32	0.10	1	0.10	U		0.32	0.10	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.34			0.16	0.061	1	0.32			0.16	0.061	1
				UG/M3	1.0			0.47	0.18	1	0.95			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID							L624941-10					
				Sample Name							SPAR0430MC010					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.11	J	RL	0.16	0.076	1	0.11	J	RL	0.16	0.076	1
				UG/M3	0.37	J	RL	0.56	0.26	1	0.38	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.44			0.16	0.067	1	0.41			0.16	0.067	1
				UG/M3	1.1			0.38	0.16	1	0.97			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1
				UG/M3	0	U		0		1	0	U		0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.21			0.16	0.050	1	0.90			0.16	0.050	1
				UG/M3	0.61			0.47	0.15	1	2.7			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.37	J	RL	0.50	0.20	1	0.37	J	RL	0.50	0.20	1
				UG/M3	0.64	J	RL	0.86	0.35	1	0.64	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1

				Lab Sample ID	L624941-1						L624941-10					
				Sample Name	SPAR0430MC001						SPAR0430MC010					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.14	J	RL	0.16	0.050	1	0.12	J	RL	0.16	0.050	1
				UG/M3	0.52	J	RL	0.60	0.19	1	0.44	J	RL	0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.061	J	RL	0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.33	J	RL	0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.10	J	RL	0.16	0.075	1	0.10	J	RL	0.16	0.075	1
				UG/M3	0.36	J	RL	0.56	0.26	1	0.37	J	RL	0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID L624941-11							L624941-12					
				Sample Name SPAR0430MC011							SPAR0430MC012					
				Sample Date 5/1/2024 12:00:00 AM							5/1/2024 12:00:00 AM					
				Sample Type TRG							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624941-12					
				Sample Name							SPAR0430MC012					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	2.8			0.50	0.19	1	4.2			0.50	0.19	1
				UG/M3	6.7			1.2	0.45	1	10.			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.10	J	RL	0.16	0.068	1	0.079	J	RL	0.16	0.068	1
				UG/M3	0.23	J	RL	0.37	0.16	1	0.18	J	RL	0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.084	J	RL	0.16	0.044	1	0.12	J	RL	0.16	0.044	1
				UG/M3	0.27	J	RL	0.51	0.14	1	0.37	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID							L624941-12					
				Sample Name							SPAR0430MC012					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.068	J	RL	0.16	0.041	1	0.070	J	RL	0.16	0.041	1
				UG/M3	0.43	J	RL	1.0	0.26	1	0.44	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.56			0.16	0.063	1	0.57			0.16	0.063	1
				UG/M3	1.1			0.33	0.13	1	1.2			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.085	J	RL	0.16	0.068	1	0.089	J	RL	0.16	0.068	1
				UG/M3	0.31	J	RL	0.58	0.25	1	0.32	J	RL	0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID							L624941-11						L624941-12					
				Sample Name							SPAR0430MC011						SPAR0430MC012					
				Sample Date							5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF						
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.070	J	RL	0.16	0.048	1	0.048	U		0.16	0.048	1						
				UG/M3	0.30	J	RL	0.69	0.21	1	0.21	U		0.69	0.21	1						
	FREON 11	75-69-4	T	PPBV	0.22			0.16	0.045	1	0.21			0.16	0.045	1						
				UG/M3	1.3			0.90	0.25	1	1.2			0.90	0.25	1						
	FREON 113	76-13-1	T	PPBV	0.071	J	RL	0.16	0.050	1	0.072	J	RL	0.16	0.050	1						
				UG/M3	0.54	J	RL	1.2	0.38	1	0.55	J	RL	1.2	0.38	1						
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1						
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1						
	FREON 12	75-71-8	T	PPBV	0.45			0.16	0.052	1	0.45			0.16	0.052	1						
				UG/M3	2.2			0.79	0.26	1	2.2			0.79	0.26	1						
	HEPTANE	142-82-5	T	PPBV	0.077	J	RL	0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.32	J	RL	0.66	0.21	1	0.21	U		0.66	0.21	1						
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1						
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1						
	HEXANE	110-54-3	T	PPBV	0.10	J	RL	0.16	0.056	1	0.056	U		0.16	0.056	1						
				UG/M3	0.37	J	RL	0.56	0.20	1	0.20	U		0.56	0.20	1						
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.31	J	RL	0.50	0.18	1	0.24	J	RL	0.50	0.18	1						
				UG/M3	0.76	J	RL	1.2	0.43	1	0.58	J	RL	1.2	0.43	1						
	M,P-XYLENES	179601-23-1	T	PPBV	0.17	J	RL	0.32	0.10	1	0.10	U		0.32	0.10	1						
				UG/M3	0.72	J	RL	1.4	0.45	1	0.45	U		1.4	0.45	1						
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1						
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1						
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.31			0.16	0.061	1	0.39			0.16	0.061	1						
				UG/M3	0.91			0.47	0.18	1	1.1			0.47	0.18	1						
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1						
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1						
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1						
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1						

				Lab Sample ID							L624941-12					
				Sample Name							SPAR0430MC012					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.11	J	RL	0.16	0.076	1	0.10	J	RL	0.16	0.076	1
				UG/M3	0.38	J	RL	0.56	0.26	1	0.36	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.17			0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.86			0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.49			0.16	0.067	1	0.45			0.16	0.067	1
				UG/M3	1.2			0.38	0.16	1	1.1			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1
				UG/M3	0	U		0		1	0	U		0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.37			0.16	0.050	1	0.72			0.16	0.050	1
				UG/M3	1.1			0.47	0.15	1	2.1			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.37	J	RL	0.50	0.20	1	0.34	J	RL	0.50	0.20	1
				UG/M3	0.64	J	RL	0.86	0.35	1	0.58	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1

				Lab Sample ID							L624941-12						
				Sample Name							SPAR0430MC011						
				Sample Date							5/1/2024 12:00:00 AM						
				Sample Type							TRG						
				% Moisture													
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	1.1			0.16	0.050	1	0.21			0.16	0.050	1	
				UG/M3	4.2			0.60	0.19	1	0.78			0.60	0.19	1	
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1	
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1	
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1	
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1	
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1	
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1	
	VINYL ACETATE	108-05-4	T	PPBV	0.12	J	RL	0.16	0.075	1	0.092	J	RL	0.16	0.075	1	
				UG/M3	0.43	J	RL	0.56	0.26	1	0.32	J	RL	0.56	0.26	1	
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1	
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1	
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1	
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1	

				Lab Sample ID	L624941-13						L624941-14					
				Sample Name	SPAR0430MC013						SPAR0430MC014					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624941-14					
				Sample Name							SPAR0430MC014					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	3.0			0.50	0.19	1	3.9			0.50	0.19	1
				UG/M3	7.2			1.2	0.45	1	9.3			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.37	J	RL	0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.61	J	RL	0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.11	J	RL	0.16	0.068	1	0.17			0.16	0.068	1
				UG/M3	0.26	J	RL	0.37	0.16	1	0.39			0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.075	J	RL	0.16	0.044	1	0.082	J	RL	0.16	0.044	1
				UG/M3	0.24	J	RL	0.51	0.14	1	0.26	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID							L624941-14					
				Sample Name							SPAR0430MC014					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.078	J	RL	0.16	0.041	1	0.072	J	RL	0.16	0.041	1
				UG/M3	0.49	J	RL	1.0	0.26	1	0.45	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.56			0.16	0.063	1	0.58			0.16	0.063	1
				UG/M3	1.2			0.33	0.13	1	1.2			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.18			0.16	0.068	1	0.075	J	RL	0.16	0.068	1
				UG/M3	0.65			0.58	0.25	1	0.27	J	RL	0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID							L624941-14					
				Sample Name							SPAR0430MC014					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.23			0.16	0.045	1	0.22			0.16	0.045	1
				UG/M3	1.3			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.075	J	RL	0.16	0.050	1	0.070	J	RL	0.16	0.050	1
				UG/M3	0.57	J	RL	1.2	0.38	1	0.54	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.43			0.16	0.052	1	0.44			0.16	0.052	1
				UG/M3	2.1			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.056	U		0.16	0.056	1	0.064	J	RL	0.16	0.056	1
				UG/M3	0.20	U		0.56	0.20	1	0.23	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.73			0.50	0.18	1	0.34	J	RL	0.50	0.18	1
				UG/M3	1.8			1.2	0.43	1	0.85	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.10	U		0.32	0.10	1	0.10	U		0.32	0.10	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.37			0.16	0.061	1	0.29			0.16	0.061	1
				UG/M3	1.1			0.47	0.18	1	0.86			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID							L624941-14					
				Sample Name							SPAR0430MC014					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.12	J	RL	0.16	0.076	1	0.15	J	RL	0.16	0.076	1
				UG/M3	0.42	J	RL	0.56	0.26	1	0.52	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.40			0.16	0.067	1	0.49			0.16	0.067	1
				UG/M3	0.96			0.38	0.16	1	1.2			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1
				UG/M3	0	U		0		1	0	U		0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.81			0.16	0.050	1	1.0			0.16	0.050	1
				UG/M3	2.4			0.47	0.15	1	2.9			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.33	J	RL	0.50	0.20	1	0.37	J	RL	0.50	0.20	1
				UG/M3	0.57	J	RL	0.86	0.35	1	0.64	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1

				Lab Sample ID							L624941-13							L624941-14						
				Sample Name							SPAR0430MC013							SPAR0430MC014						
				Sample Date							5/1/2024 12:00:00 AM							5/1/2024 12:00:00 AM						
				Sample Type							TRG							TRG						
				% Moisture																				
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF								
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.16	J	RL	0.16	0.050	1	0.16	J	RL	0.16	0.050	1								
				UG/M3	0.60	J	RL	0.60	0.19	1	0.59	J	RL	0.60	0.19	1								
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1								
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1								
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1								
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1								
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1								
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1								
	VINYL ACETATE	108-05-4	T	PPBV	0.11	J	RL	0.16	0.075	1	0.14	J	RL	0.16	0.075	1								
				UG/M3	0.39	J	RL	0.56	0.26	1	0.50	J	RL	0.56	0.26	1								
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1								
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1								
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1								
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1								

				Lab Sample ID	L624941-2						L624941-3					
				Sample Name	SPAR0430MC002						SPAR0430MC003					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624941-2						L624941-3					
				Sample Name							SPAR0430MC002						SPAR0430MC003					
				Sample Date							5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1						
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1						
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1						
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1						
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1						
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1						
	ACETONE	67-64-1	T	PPBV	3.0			0.50	0.19	1	3.0			0.50	0.19	1						
				UG/M3	7.2			1.2	0.45	1	7.0			1.2	0.45	1						
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1						
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1						
	ACROLEIN	107-02-8	T	PPBV	0.079	J	RL	0.16	0.068	1	0.076	J	RL	0.16	0.068	1						
				UG/M3	0.18	J	RL	0.37	0.16	1	0.17	J	RL	0.37	0.16	1						
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1						
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1						
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1						
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1						
	BENZENE	71-43-2	T	PPBV	0.087	J	RL	0.16	0.044	1	0.20			0.16	0.044	1						
				UG/M3	0.28	J	RL	0.51	0.14	1	0.63			0.51	0.14	1						
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1						
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1						
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1						
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1						

				Lab Sample ID							L624941-2						L624941-3					
				Sample Name							SPAR0430MC002						SPAR0430MC003					
				Sample Date							5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.068	J	RL	0.16	0.041	1	0.070	J	RL	0.16	0.041	1	0.070	J	RL	0.16	0.041	1
				UG/M3	0.43	J	RL	1.0	0.26	1	0.44	J	RL	1.0	0.26	1	0.44	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.55			0.16	0.063	1	0.53			0.16	0.063	1	0.53			0.16	0.063	1
				UG/M3	1.1			0.33	0.13	1	1.1			0.33	0.13	1	1.1			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.13	J	RL	0.16	0.068	1	0.083	J	RL	0.16	0.068	1	0.083	J	RL	0.16	0.068	1
				UG/M3	0.46	J	RL	0.58	0.25	1	0.30	J	RL	0.58	0.25	1	0.30	J	RL	0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID	L624941-2						L624941-3					
				Sample Name	SPAR0430MC002						SPAR0430MC003					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.051	J	RL	0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.22	J	RL	0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.21			0.16	0.045	1	0.24			0.16	0.045	1
				UG/M3	1.2			0.90	0.25	1	1.3			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.067	J	RL	0.16	0.050	1	0.065	J	RL	0.16	0.050	1
				UG/M3	0.51	J	RL	1.2	0.38	1	0.50	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.43			0.16	0.052	1	0.43			0.16	0.052	1
				UG/M3	2.1			0.79	0.26	1	2.1			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.065	J	RL	0.16	0.056	1	0.084	J	RL	0.16	0.056	1
				UG/M3	0.23	J	RL	0.56	0.20	1	0.30	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.42	J	RL	0.50	0.18	1	0.46	J	RL	0.50	0.18	1
				UG/M3	1.0	J	RL	1.2	0.43	1	1.1	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.12	J	RL	0.32	0.10	1	0.10	U		0.32	0.10	1
				UG/M3	0.52	J	RL	1.4	0.45	1	0.45	U		1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.33			0.16	0.061	1	0.33			0.16	0.061	1
				UG/M3	0.98			0.47	0.18	1	0.97			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID	L624941-2						L624941-3					
				Sample Name	SPAR0430MC002						SPAR0430MC003					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.11	J	RL	0.16	0.076	1	0.11	J	RL	0.16	0.076	1
				UG/M3	0.38	J	RL	0.56	0.26	1	0.37	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.42			0.16	0.067	1	0.51			0.16	0.067	1
				UG/M3	1.0			0.38	0.16	1	1.2			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1
				UG/M3	0	U		0		1	0	U		0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.26			0.16	0.050	1	0.40			0.16	0.050	1
				UG/M3	0.76			0.47	0.15	1	1.2			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.37	J	RL	0.50	0.20	1	0.51	J	ZZ	0.50	0.20	1
				UG/M3	0.63	J	RL	0.86	0.35	1	0.87	J	ZZ	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1

				Lab Sample ID	L624941-2						L624941-3					
				Sample Name	SPAR0430MC002						SPAR0430MC003					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.29			0.16	0.050	1	0.22			0.16	0.050	1
				UG/M3	1.1			0.60	0.19	1	0.81			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.10	J	RL	0.16	0.075	1	0.084	J	RL	0.16	0.075	1
				UG/M3	0.35	J	RL	0.56	0.26	1	0.30	J	RL	0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID	L624941-4						L624941-5					
				Sample Name	SPAR0430MC004						SPAR0430MC005					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.070	J	RL	0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.34	J	RL	0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624941-5					
				Sample Name							SPAR0430MC005					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.24			0.16	0.050	1
				UG/M3	0.23	U		0.75	0.23	1	1.1			0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	3.7			0.50	0.19	1	5.4			0.50	0.19	1
				UG/M3	8.7			1.2	0.45	1	13.			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.15	J	RL	0.16	0.068	1	0.21			0.16	0.068	1
				UG/M3	0.35	J	RL	0.37	0.16	1	0.48			0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.12	J	RL	0.16	0.044	1	0.15	J	RL	0.16	0.044	1
				UG/M3	0.39	J	RL	0.51	0.14	1	0.49	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID							L624941-5					
				Sample Name							SPAR0430MC005					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.069	J	RL	0.16	0.041	1	0.071	J	RL	0.16	0.041	1
				UG/M3	0.43	J	RL	1.0	0.26	1	0.45	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.55			0.16	0.063	1	0.55			0.16	0.063	1
				UG/M3	1.1			0.33	0.13	1	1.1			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.17			0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.57			0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHANE, 1,1-DIFLUORO-	75-37-6	T	PPBV							6.7	NJ	TIC	0		1
				UG/M3							18.	NJ	TIC	0		1
	ETHYL ACETATE	141-78-6	T	PPBV	0.068	U		0.16	0.068	1	0.51			0.16	0.068	1
				UG/M3	0.25	U		0.58	0.25	1	1.9			0.58	0.25	1

				Lab Sample ID							L624941-5					
				Sample Name							SPAR0430MC005					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYL ALCOHOL	64-17-5	T	PPBV							1.1	NJ	TIC	0		1
				UG/M3							2.1	NJ	TIC	0		1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1
	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.076	J	RL	0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.33	J	RL	0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.21			0.16	0.045	1	0.24			0.16	0.045	1
				UG/M3	1.2			0.90	0.25	1	1.3			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.072	J	RL	0.16	0.050	1	0.069	J	RL	0.16	0.050	1
				UG/M3	0.55	J	RL	1.2	0.38	1	0.53	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.44			0.16	0.052	1	0.45			0.16	0.052	1
				UG/M3	2.2			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.14	J	RL	0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.59	J	RL	0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.057	J	RL	0.16	0.056	1	0.28			0.16	0.056	1
				UG/M3	0.20	J	RL	0.56	0.20	1	0.97			0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.58			0.50	0.18	1	1.7			0.50	0.18	1
				UG/M3	1.4			1.2	0.43	1	4.1			1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.10	U		0.32	0.10	1	0.26	J	RL	0.32	0.10	1
				UG/M3	0.45	U		1.4	0.45	1	1.1	J	RL	1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.34			0.16	0.061	1	0.40			0.16	0.061	1
				UG/M3	0.99			0.47	0.18	1	1.2			0.47	0.18	1

				Lab Sample ID							L624941-5					
				Sample Name							SPAR0430MC005					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1
	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.22			0.16	0.076	1	1.9			0.16	0.076	1
				UG/M3	0.76			0.56	0.26	1	6.7			0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.51			0.16	0.067	1	1.1			0.16	0.067	1
				UG/M3	1.2			0.38	0.16	1	2.7			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1						
				UG/M3	0	U		0		1						
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.10	J	RL	0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.44	J	RL	0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.36			0.16	0.050	1	2.9			0.16	0.050	1
				UG/M3	1.1			0.47	0.15	1	8.7			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.46	J	RL	0.50	0.20	1	0.40	J	RL	0.50	0.20	1
				UG/M3	0.79	J	RL	0.86	0.35	1	0.68	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1

				Lab Sample ID	L624941-4						L624941-5					
				Sample Name	SPAR0430MC004						SPAR0430MC005					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.071	J	RL	0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.21	J	RL	0.47	0.19	1	0.19	U		0.47	0.19	1
	TOLUENE	108-88-3	T	PPBV	0.21			0.16	0.050	1	1.2			0.16	0.050	1
				UG/M3	0.80			0.60	0.19	1	4.4			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.13	J	RL	0.16	0.075	1	0.24			0.16	0.075	1
				UG/M3	0.46	J	RL	0.56	0.26	1	0.83			0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID	L624941-6						L624941-7					
				Sample Name	SPAR0430MC006						SPAR0430MC007					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624941-6						L624941-7					
				Sample Name							SPAR0430MC006						SPAR0430MC007					
				Sample Date							5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1						
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1						
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1						
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1						
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1						
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1						
	ACETONE	67-64-1	T	PPBV	2.6			0.50	0.19	1	2.8			0.50	0.19	1						
				UG/M3	6.1			1.2	0.45	1	6.7			1.2	0.45	1						
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1						
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1						
	ACROLEIN	107-02-8	T	PPBV	0.071	J	RL	0.16	0.068	1	0.090	J	RL	0.16	0.068	1						
				UG/M3	0.16	J	RL	0.37	0.16	1	0.21	J	RL	0.37	0.16	1						
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1						
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1						
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1						
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1						
	BENZENE	71-43-2	T	PPBV	0.080	J	RL	0.16	0.044	1	0.094	J	RL	0.16	0.044	1						
				UG/M3	0.26	J	RL	0.51	0.14	1	0.30	J	RL	0.51	0.14	1						
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1						
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1						
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1						
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1						

				Lab Sample ID							L624941-7					
				Sample Name							SPAR0430MC007					
				Sample Date							5/1/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.075	J	RL	0.16	0.041	1	0.076	J	RL	0.16	0.041	1
				UG/M3	0.47	J	RL	1.0	0.26	1	0.48	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.052	J	RL	0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.25	J	RL	0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.55			0.16	0.063	1	0.59			0.16	0.063	1
				UG/M3	1.1			0.33	0.13	1	1.2			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.068	U		0.16	0.068	1	0.089	J	RL	0.16	0.068	1
				UG/M3	0.25	U		0.58	0.25	1	0.32	J	RL	0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID							L624941-6						L624941-7					
				Sample Name							SPAR0430MC006						SPAR0430MC007					
				Sample Date							5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1						
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1						
	FREON 11	75-69-4	T	PPBV	0.21			0.16	0.045	1	0.22			0.16	0.045	1						
				UG/M3	1.2			0.90	0.25	1	1.2			0.90	0.25	1						
	FREON 113	76-13-1	T	PPBV	0.067	J	RL	0.16	0.050	1	0.076	J	RL	0.16	0.050	1						
				UG/M3	0.51	J	RL	1.2	0.38	1	0.58	J	RL	1.2	0.38	1						
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1						
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1						
	FREON 12	75-71-8	T	PPBV	0.44			0.16	0.052	1	0.45			0.16	0.052	1						
				UG/M3	2.2			0.79	0.26	1	2.2			0.79	0.26	1						
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1						
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1						
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1						
	HEXANE	110-54-3	T	PPBV	0.056	U		0.16	0.056	1	0.071	J	RL	0.16	0.056	1						
				UG/M3	0.20	U		0.56	0.20	1	0.25	J	RL	0.56	0.20	1						
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.48	J	RL	0.50	0.18	1	0.43	J	RL	0.50	0.18	1						
				UG/M3	1.2	J	RL	1.2	0.43	1	1.1	J	RL	1.2	0.43	1						
	M,P-XYLENES	179601-23-1	T	PPBV	0.10	U		0.32	0.10	1	0.10	U		0.32	0.10	1						
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1						
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1						
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1						
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.25			0.16	0.061	1	0.32			0.16	0.061	1						
				UG/M3	0.74			0.47	0.18	1	0.93			0.47	0.18	1						
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1						
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1						
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1						
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1						

				Lab Sample ID							L624941-6						L624941-7					
				Sample Name							SPAR0430MC006						SPAR0430MC007					
				Sample Date							5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1						
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1						
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.11	J	RL	0.16	0.076	1	0.17			0.16	0.076	1						
				UG/M3	0.39	J	RL	0.56	0.26	1	0.58			0.56	0.26	1						
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1						
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1						
	N-BUTANE	106-97-8	T	PPBV	0.47			0.16	0.067	1	0.48			0.16	0.067	1						
				UG/M3	1.1			0.38	0.16	1	1.1			0.38	0.16	1						
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1						
				UG/M3	0	U		0		1	0	U		0		1						
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1						
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1						
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1						
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1						
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1						
	PENTANE	109-66-0	T	PPBV	0.17			0.16	0.050	1	0.24			0.16	0.050	1						
				UG/M3	0.49			0.47	0.15	1	0.70			0.47	0.15	1						
	PROPYLENE	115-07-1	T	PPBV	0.39	J	RL	0.50	0.20	1	0.38	J	RL	0.50	0.20	1						
				UG/M3	0.67	J	RL	0.86	0.35	1	0.66	J	RL	0.86	0.35	1						
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1						
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1						
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1						
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1						
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1						
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1						
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1						

				Lab Sample ID	L624941-6						L624941-7					
				Sample Name	SPAR0430MC006						SPAR0430MC007					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.13	J	RL	0.16	0.050	1	0.23			0.16	0.050	1
				UG/M3	0.50	J	RL	0.60	0.19	1	0.85			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.077	J	RL	0.16	0.075	1	0.12	J	RL	0.16	0.075	1
				UG/M3	0.27	J	RL	0.56	0.26	1	0.40	J	RL	0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID	L624941-8						L624941-9					
				Sample Name	SPAR0430MC008						SPAR0430MC009					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624941-8						L624941-9					
				Sample Name							SPAR0430MC008						SPAR0430MC009					
				Sample Date							5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF						
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1						
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1						
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1						
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1						
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1						
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1						
	ACETONE	67-64-1	T	PPBV	3.5			0.50	0.19	1	3.6			0.50	0.19	1						
				UG/M3	8.3			1.2	0.45	1	8.5			1.2	0.45	1						
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1						
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1						
	ACROLEIN	107-02-8	T	PPBV	0.097	J	RL	0.16	0.068	1	0.11	J	RL	0.16	0.068	1						
				UG/M3	0.22	J	RL	0.37	0.16	1	0.24	J	RL	0.37	0.16	1						
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1						
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1						
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1						
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1						
	BENZENE	71-43-2	T	PPBV	0.095	J	RL	0.16	0.044	1	0.098	J	RL	0.16	0.044	1						
				UG/M3	0.30	J	RL	0.51	0.14	1	0.31	J	RL	0.51	0.14	1						
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1						
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1						
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1						
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1						

				Lab Sample ID							L624941-8						L624941-9					
				Sample Name							SPAR0430MC008						SPAR0430MC009					
				Sample Date							5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1						
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1						
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1						
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1						
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.074	J	RL	0.16	0.041	1	0.072	J	RL	0.16	0.041	1						
				UG/M3	0.47	J	RL	1.0	0.26	1	0.45	J	RL	1.0	0.26	1						
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1						
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1						
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1						
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1						
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1						
	CHLOROMETHANE	74-87-3	T	PPBV	0.56			0.16	0.063	1	0.58			0.16	0.063	1						
				UG/M3	1.2			0.33	0.13	1	1.2			0.33	0.13	1						
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1						
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1						
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1						
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1						
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1						
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1						
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1						
	ETHYL ACETATE	141-78-6	T	PPBV	0.10	J	RL	0.16	0.068	1	0.12	J	RL	0.16	0.068	1						
				UG/M3	0.37	J	RL	0.58	0.25	1	0.44	J	RL	0.58	0.25	1						
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1						

				Lab Sample ID							L624941-8						L624941-9					
				Sample Name							SPAR0430MC008						SPAR0430MC009					
				Sample Date							5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.22			0.16	0.045	1	0.22			0.16	0.045	1	0.22			0.16	0.045	1
				UG/M3	1.2			0.90	0.25	1	1.2			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.071	J	RL	0.16	0.050	1	0.072	J	RL	0.16	0.050	1	0.072	J	RL	0.16	0.050	1
				UG/M3	0.54	J	RL	1.2	0.38	1	0.55	J	RL	1.2	0.38	1	0.55	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.45			0.16	0.052	1	0.42			0.16	0.052	1	0.42			0.16	0.052	1
				UG/M3	2.2			0.79	0.26	1	2.1			0.79	0.26	1	2.1			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.056	J	RL	0.16	0.056	1	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.20	J	RL	0.56	0.20	1	0.20	U		0.56	0.20	1	0.20	U		0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.22	J	RL	0.50	0.18	1	0.30	J	RL	0.50	0.18	1	0.30	J	RL	0.50	0.18	1
				UG/M3	0.53	J	RL	1.2	0.43	1	0.74	J	RL	1.2	0.43	1	0.74	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.10	U		0.32	0.10	1	0.10	U		0.32	0.10	1	0.10	U		0.32	0.10	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.30			0.16	0.061	1	0.34			0.16	0.061	1	0.34			0.16	0.061	1
				UG/M3	0.89			0.47	0.18	1	1.0			0.47	0.18	1	1.0			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID							L624941-8						L624941-9					
				Sample Name							SPAR0430MC008						SPAR0430MC009					
				Sample Date							5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1						
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1						
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.12	J	RL	0.16	0.076	1	0.13	J	RL	0.16	0.076	1						
				UG/M3	0.40	J	RL	0.56	0.26	1	0.43	J	RL	0.56	0.26	1						
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1						
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1						
	N-BUTANE	106-97-8	T	PPBV	0.46			0.16	0.067	1	0.46			0.16	0.067	1						
				UG/M3	1.1			0.38	0.16	1	1.1			0.38	0.16	1						
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1						
				UG/M3	0	U		0		1	0	U		0		1						
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1						
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1						
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1						
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1						
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1						
	PENTANE	109-66-0	T	PPBV	0.88			0.16	0.050	1	1.1			0.16	0.050	1						
				UG/M3	2.6			0.47	0.15	1	3.2			0.47	0.15	1						
	PROPYLENE	115-07-1	T	PPBV	0.37	J	RL	0.50	0.20	1	0.38	J	RL	0.50	0.20	1						
				UG/M3	0.64	J	RL	0.86	0.35	1	0.66	J	RL	0.86	0.35	1						
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1						
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1						
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1						
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1						
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1						
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1						
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1						

				Lab Sample ID							L624941-8						L624941-9					
				Sample Name							SPAR0430MC008						SPAR0430MC009					
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				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.13	J	RL	0.16	0.050	1	0.19			0.16	0.050	1						
				UG/M3	0.49	J	RL	0.60	0.19	1	0.73			0.60	0.19	1						
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1						
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1						
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1						
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1						
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1						
	VINYL ACETATE	108-05-4	T	PPBV	0.10	J	RL	0.16	0.075	1	0.13	J	RL	0.16	0.075	1						
				UG/M3	0.36	J	RL	0.56	0.26	1	0.44	J	RL	0.56	0.26	1						
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1						
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1						
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1						
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1						

QUALITY ASSURANCE REPORT
FOR THE SPRINGDALE, ARKANSAS SITE
AIR SAMPLES
CTEH PROJECT NUMBER: 040650
SAMPLE DELIVERY GROUP: L624948

June 12, 2024

Prepared for:

CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH
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Introduction

Section 1 Quality Assurance Review

Section 2 Data Qualifiers, Reason Codes, and Acronyms and Abbreviations

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INTRODUCTION

This QA review is based upon an examination of the data generated from the analyses of the 14 air samples and associated QC samples (including blanks) collected on May 1, 2024, at the Springdale, Arkansas site. These samples were analyzed by SGS Galson of East Syracuse, New York (SGS Galson), for hydrogen sulfide by SGS Galson SOP WET-SOP-13.

This review was performed in accordance with the above referenced analytical methods. This review was performed with guidance from the National Functional Guidelines for Inorganic Data Review (1994, US EPA). These validation guidance documents specifically address analyses performed in accordance with the CLP analytical methods and are not completely applicable to the type of analyses and analytical protocols performed for the SGS Galson SOP utilized by the laboratory for these samples. Environmental Standards, Inc. (Environmental Standards) used professional judgment to determine the usability of the analytical results and compliance relative to the SGS Galson SOP utilized by the laboratory.

Data were examined to determine the usability of the analytical results relative to the laboratory acceptance criteria and compliance relative to the requirements specified in the analytical methods. In addition, the deliverables were evaluated for completeness and accuracy. Details of this QA review are presented in Section 1 of this report. The reported analytical results are presented in Section 3; any required data validation qualifications are presented on the qualified data tables in Section 3. Reason codes have been placed next to results to enable the data user to quickly assess the qualitative and/or quantitative reliability of any result based on the criteria evaluated. The data qualifications allow the data end-user to best understand the usability of any result. Data not qualified in this report should be considered valid based on the QC criteria that have been reviewed.

The analytical results and associated laboratory QC samples were reviewed to determine the integrity of the reported analytical results and to ensure that the data met the established DQOs. This QA review includes all samples in SGS Galson Report Number L624948.

TABLE 1**SAMPLES THAT HAVE UNDERGONE LEVEL 2 QUALITY ASSURANCE REVIEW**

Sample Identification	Laboratory Sample Identification	Laboratory Report Number	Matrix	Date Sample Collected	Parameter Examined
SPAR0428R001	L624948-1	L624948	Air	5/1/24	H ₂ S
SPAR0428R002	L624948-2	L624948	Air	5/1/24	H ₂ S
SPAR0428R003	L624948-3	L624948	Air	5/1/24	H ₂ S
SPAR0428R004	L624948-4	L624948	Air	5/1/24	H ₂ S
SPAR0428R005	L624948-5	L624948	Air	5/1/24	H ₂ S
SPAR0428R006	L624948-6	L624948	Air	5/1/24	H ₂ S
SPAR0428R007	L624948-7	L624948	Air	5/1/24	H ₂ S
SPAR0428R008	L624948-8	L624948	Air	5/1/24	H ₂ S
SPAR0428R009	L624948-9	L624948	Air	5/1/24	H ₂ S
SPAR0428R010	L624948-10	L624948	Air	5/1/24	H ₂ S
SPAR0428R011	L624948-11	L624948	Air	5/1/24	H ₂ S
SPAR0428R012	L624948-12	L624948	Air	5/1/24	H ₂ S
SPAR0428R013	L624948-13	L624948	Air	5/1/24	H ₂ S
SPAR0428R014	L624948-14	L624948	Air	5/1/24	H ₂ S
SPAR0428R015 (Field Blank)	L624948-15	L624948	Air	5/1/24	H ₂ S

Parameter Examined:

H₂S - Hydrogen Sulfide by SGS Galson SOP WET-SOP-13.

SECTION 1 QUALITY ASSURANCE REVIEW

ITEMS REVIEWED

COC Record and Case Narrative	Holding Times
Sample Preservation	Blank Results
LCS/LCSD Recovery and Precision	DLS Recovery
ICV and CCV Recovery	

Based upon review of the data package provided, the following issues and data qualifiers are offered. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following issues should not be construed as an indication of laboratory performance.

COMMENTS

1. The Level 2 laboratory analytical report and EDD were provided on May 16, 2024. A final revised analytical report and EDD were provided on June 10, 2024.
2. The samples were collected over a period of up to 72 hours. Specific sample start and stop times and sampling durations were provided on the Chain-of-Custody (COC) Record. The laboratory logged in the samples using the default collection time of 12:00 AM.
3. The COC Record did not include a collection date and time for field blank sample SPAR0428R015. Upon Environmental Standards' request, CTEH provided a revised COC Record and SGS Galson provided a revised laboratory analytical report to include the revised COC Record.

QUALIFICATION

Based upon a review of the data packages provided, qualification of data was not warranted.

Validation performed by:	Valerie Butterhof, Quality Assurance Chemist
Validation reviewed by:	Kaitlyn E. Podufalski, Senior Quality Assurance Chemist/Project Manager
Report approved by:	Rock J. Vitale, CEAC, Technical Director of Chemistry/Principal

SECTION 2

DATA QUALIFIERS, REASON CODES, AND ACRONYMS

DATA QUALIFIERS

- U This result should be considered “not-detected” because it was not detected above the detection limit or it was detected in a field blank or laboratory blank at a similar level.
- R Unreliable positive or non-detect result; analyte may or may not be present in sample.
- J Quantitation is approximate due to limitations identified during data validation.
- UJ This analyte was not detected, but the reporting limit may or may not be higher due to a bias identified during data validation.
- NJ The analysis indicates the presence of a compound that has been “tentatively identified” and the associated numerical value represents its approximate concentration.



REASON CODES AND EXPLANATIONS

Reason Code	Explanation
BE	Equipment blank contamination. The result should be considered "not-detected."
BF	Field blank contamination. The result should be considered "not-detected."
BL	Laboratory blank contamination. The result should be considered "not-detected."
BN	Negative laboratory blank contamination.
BT	Trip blank contamination. The result should be considered "not-detected."
C	Initial and/or continuing calibration issue, indeterminate bias.
C+	Initial and/or continuing calibration issue. The result may be biased high.
C-	Initial and/or continuing calibration issue. The result may be biased low.
E	Result exceeds linear calibration range.
FD	Field duplicate imprecision.
FG	Total versus dissolved imprecision.
H	Holding time exceeded.
I	Internal standard recovery outside of acceptance limits.
L	LCS and LCSD recoveries outside of acceptance limits, indeterminate bias.
L+	LCS and/or LCSD recoveries outside of acceptance limits. The result may be biased high.
L-	LCS and/or LCSD recoveries outside of acceptance limits. The result may be biased low.
LD	Laboratory duplicate imprecision.
LP	LCS/LCSD imprecision.
M	MS and MSD recoveries outside of acceptance limits, indeterminate bias.
M+	MS and/or MSD recoveries outside of acceptance limits. The result may be biased high.
M-	MS and/or MSD recoveries outside of acceptance limits. The result may be biased low.
MP	MS/MSD imprecision.
P	Post-digestion spike recoveries outside of acceptance limits, indeterminate bias.
P+	Post-digestion spike recovery outside of acceptance limits. The result may be biased high.
P-	Post-digestion spike recovery outside of acceptance limits. The result may be biased low.
Q	Chemical preservation issue.
R	RL standards outside of acceptance limits, indeterminate bias.
R+	RL standard(s) outside of acceptance limits. The result may be biased high.
R-	RL standard(s) outside of acceptance limits. The result may be biased low.
RL	Result reported between the method detection limit and the reporting limit.
T	Temperature preservation issue.
TIC	Tentatively identified compound.
S+	Surrogate outside of acceptance limits. The result may be biased high.
S-	Surrogate outside of acceptance limits. The result may be biased low.
SD	Serial dilution imprecision.
X	Percent solids < 50%.
Z	ICP or ICP/MS interference.
ZZ	Other.

ACROMYNS AND ABBREVIATIONS

Acronym/ Abbreviation	Description
BEX	Benzene, Ethylbenzene, and Xylene
BFB	Bromofluorobenzene
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
°C	Celsius (degree)
CaCO ₃	Calcium Carbonate
CAS #	Chemical Abstract Service Number(s)
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCC	Calibration Check Compound
CCV	Continuing Calibration Verification
CEAC	Certified Environmental Analytical Chemist
CF	Calibration Factor
CFR	Code of Federal Regulations
CLP	Contract Laboratory Program
COA	Certificate of Analysis
COC	Chain-of-Custody
CRDL	Contract-Required Detection Limit
CRQL	Contract-Required Quantitation Limit
CTEH	Center for Toxicology and Environmental Health
%D	Percent Difference
DAI	Direct Aqueous Injection
DCS	Detectability Check Sample
DLS	Detection Limit Standard
DF	Dilution Factor
DQO	Data Quality Objective
DRO	Diesel Range Organic
DUP	Sample Duplicate
EDB	Ethylene Dibromide
EDD	Electronic Data Deliverable
EDL	Estimated Detection Limit

Acronym/ Abbreviation	Description
EIS	Extracted Internal Standard
°F	Fahrenheit (degree)
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
HASL	Health and Safety Laboratory
HCl	Hydrochloric Acid
HDPE	High Density Polyethylene
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
ID	Identification
IDL	Instrument Detection Limit
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LIMS	Laboratory Information Management System
LLE	Liquid-Liquid Extraction
LOD	Limit of Detection
LOQ	Limit of Quantitation
M.S.	Master of Science
MB	Method Blank
MDL	Method Detection Limit
Me	Methanol
mg/L	Milligrams per Liter
MRL	Method Reporting Limit
MS	Mass Spectrometry/Matrix Spike
MS/MS	Tandem Mass Spectrometry
MS/MSD	Matrix Spike/Matrix Spike Duplicate
MTBE	Methyl <i>Tertiary</i> Butyl Ether
ND	Not Detected (at or above the detection limit) or “Not-Detected”

Acronym/ Abbreviation	Description
Ph.D.	Doctor or holds a Doctorate Degree
PM	Project Manager
PMP	Project Management Professional
ppb	parts per billion
ppm	parts per million
ppt	parts per trillion
PQL	Practical Quantitation Limit
PRDL	Project-Required Detection Limit
PRQL	Project-Required Quantitation Limit
PRRL	Project-Required Reporting Limit
PVC	Polyvinyl Chloride
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RF	Response Factor
RL	Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSD	Relative Standard Deviation
RT	Retention Time
S/N	Signal-to-Noise
SAP	Sampling and Analysis Plan
SCUR	Sample Conditions Upon Receipt
SDG	Sample Delivery Group
SIM	Selective Ion Monitoring
SOP	Standard Operating Procedure
SU	Standard Units
SW-846	Test Methods for Evaluating Solid Waste Physical/Chemical Method
TBA	<i>Tert</i> -butyl Acetate
TCE	Trichloroethylene
TCEQ	Texas Commission on Environmental Quality

Acronym/ Abbreviation	Description
TCP	Trichloropropane
TIC	Tentatively Identified Compound
µg/L	Micrograms per Liter
UCL	Upper Control Limit
US	United States
USACE	United States Army Corps of Engineers
US EPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
VTSR	Validated Time of Sample Receipt
WO	Work Order(s)
WP	Work Plan
ZHE	Zero Headspace Extraction/Extractor



SECTION 3

ANALYTICAL RESULTS

				Lab Sample ID	L624948-1						L624948-10					
				Sample Name	SPAR0428R001						SPAR0428R010					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
In-house: WET-SOP-13; Colorimetric	HYDROGEN SULFIDE	7783-06-4	T	PPM	0.0029	U		0.0029		1	0.0029	U		0.0029		1
				UG	1.2	U		1.2		1	1.2	U		1.2		1

				Lab Sample ID	L624948-11						L624948-12					
				Sample Name	SPAR0428R011						SPAR0428R012					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
In-house: WET-SOP-13; Colorimetric	HYDROGEN SULFIDE	7783-06-4	T	PPM	0.0029	U		0.0029		1	0.0029	U		0.0029		1
				UG	1.2	U		1.2		1	1.2	U		1.2		1

				Lab Sample ID	L624948-13						L624948-14					
				Sample Name	SPAR0428R013						SPAR0428R014					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
In-house: WET-SOP-13; Colorimetric	HYDROGEN SULFIDE	7783-06-4	T	PPM	0.0029	U		0.0029		1	0.0029	U		0.0029		1
				UG	1.2	U		1.2		1	1.2	U		1.2		1

				Lab Sample ID	L624948-15						L624948-2					
				Sample Name	SPAR0428R015						SPAR0428R002					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	FB						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
In-house: WET-SOP-13; Colorimetric	HYDROGEN SULFIDE	7783-06-4	T	PPM							0.0029	U		0.0029		1
				UG	1.2	U		1.2		1	1.2	U		1.2		1

				Lab Sample ID	L624948-3						L624948-4					
				Sample Name	SPAR0428R003						SPAR0428R004					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
In-house: WET-SOP-13; Colorimetric	HYDROGEN SULFIDE	7783-06-4	T	PPM	0.0029	U		0.0029		1	0.0029	U		0.0029		1
				UG	1.2	U		1.2		1	1.2	U		1.2		1

				Lab Sample ID	L624948-5						L624948-6					
				Sample Name	SPAR0428R005						SPAR0428R006					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
In-house: WET-SOP-13; Colorimetric	HYDROGEN SULFIDE	7783-06-4	T	PPM	0.0029	U		0.0029		1	0.0029	U		0.0029		1
				UG	1.2	U		1.2		1	1.2	U		1.2		1

				Lab Sample ID	L624948-7						L624948-8					
				Sample Name	SPAR0428R007						SPAR0428R008					
				Sample Date	5/1/2024 12:00:00 AM						5/1/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
In-house: WET-SOP-13; Colorimetric	HYDROGEN SULFIDE	7783-06-4	T	PPM	0.0029	U		0.0029		1	0.0029	U		0.0029		1
				UG	1.2	U		1.2		1	1.2	U		1.2		1

				Lab Sample ID	L624948-9					
				Sample Name	SPAR0428R009					
				Sample Date	5/1/2024 12:00:00 AM					
				Sample Type	TRG					
				% Moisture						
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
In-house: WET-SOP-13; Colorimetric	HYDROGEN SULFIDE	7783-06-4	T	PPM	0.0029	U		0.0029		1
				UG	1.2	U		1.2		1

QUALITY ASSURANCE REPORT
FOR THE SPRINGDALE, ARKANSAS SITE
AIR SAMPLES
CTEH PROJECT NUMBER: 040650
SAMPLE DELIVERY GROUP: L624707

June 25, 2024

Prepared for:

CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH
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Introduction

Section 1 Quality Assurance Review

Section 2 Data Qualifiers, Reason Codes, and Acronyms and Abbreviations

Section 3 Analytical Results



INTRODUCTION

This QA review is based upon an examination of the data generated from the analyses of the 14 air samples and associated QC samples (including blanks) collected on April 29, 2024, at the Springdale, Arkansas site. These samples were analyzed by SGS Galson of East Syracuse, New York (SGS Galson), for VOCs plus TICs by US EPA Method TO-15.

This review was performed in accordance with the above referenced analytical methods. This review was performed with guidance from the National Functional Guidelines for Organic Data Review (1999, US EPA). These validation guidance documents specifically address analyses performed in accordance with the CLP analytical methods and are not completely applicable to the type of analyses and analytical protocols performed for the US EPA method utilized by the laboratory for these samples. Environmental Standards, Inc. (Environmental Standards) used professional judgment to determine the quality of the analytical results and compliance relative to the US EPA method utilized by the laboratory.

Data were examined to determine the quality of the analytical results relative to the laboratory acceptance criteria and compliance relative to the requirements specified in the analytical methods. In addition, the deliverables were evaluated for completeness and accuracy. Details of this QA review are presented in Section 1 of this report. The reported analytical results are presented in Section 3; any required data validation qualifications are presented on the qualified data tables in Section 3. Reason codes have been placed next to results to enable the data user to quickly assess the qualitative and/or quantitative reliability of any result based on the criteria evaluated. The data qualifications allow the data end-user to best understand the quality of any result. Data not qualified in this report should be considered valid based on the QC criteria that have been reviewed.

The analytical results and associated laboratory QC samples were reviewed to determine the integrity of the reported analytical results and to ensure that the data met the established DQOs. This QA review includes all samples in SGS Galson Report Number L624707.

TABLE 1**SAMPLES THAT HAVE UNDERGONE LEVEL 4 QUALITY ASSURANCE REVIEW**

Sample Identification	Laboratory Sample Identification	Laboratory Report Number	Matrix	Date Sample Collected	Parameter Examined
SPAR0428MC001	L624707-1	L624707	Air	4/29/24	VOC
SPAR0428MC002	L624707-2	L624707	Air	4/29/24	VOC
SPAR0428MC003	L624707-3	L624707	Air	4/29/24	VOC
SPAR0428MC004	L624707-4	L624707	Air	4/29/24	VOC
SPAR0428MC005	L624707-5	L624707	Air	4/29/24	VOC
SPAR0428MC006	L624707-6	L624707	Air	4/29/24	VOC
SPAR0428MC007	L624707-7	L624707	Air	4/29/24	VOC
SPAR0428MC008	L624707-8	L624707	Air	4/29/24	VOC
SPAR0428MC009	L624707-9	L624707	Air	4/29/24	VOC
SPAR0428MC010	L624707-10	L624707	Air	4/29/24	VOC
SPAR0428MC011	L624707-11	L624707	Air	4/29/24	VOC
SPAR0428MC012	L624707-12	L624707	Air	4/29/24	VOC
SPAR0428MC013	L624707-13	L624707	Air	4/29/24	VOC
SPAR0428MC014	L624707-14	L624707	Air	4/29/24	VOC

Parameter Examined:

VOC - VOCs plus TICs by US EPA Method TO-15.

SECTION 1 QUALITY ASSURANCE REVIEW

ITEMS REVIEWED

COC Record and Case Narrative	Holding Times
Sample Preservation	Blank Results
LCS/LCSD Recovery and Precision	DLS Recovery
TIC Results	Results Reported Between the MDL and RL
ICV and CCV Results	Sample Preparation
Analytical Sequence	Qualitative Identification
Sample Quantitation	Instrument Calibration Results
Surrogate Recoveries	Internal Standard Area Counts
Instrument Performance Checks	

Based upon review of the data package provided, the following issues and data qualifiers are offered. Data quality issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following issues should not be construed as an indication of laboratory performance.

COMMENTS

1. The Level 2 laboratory analytical report and EDD were provided on May 16, 2024. A final revised Level 2 analytical report and EDD were provided on June 12, 2024. The Level 4 data package was provided on June 12, 2024.
2. The samples were collected over a period of up to 24 hours. Specific sample start and stop times and sampling durations were provided on the Chain-of-Custody (COC) Record. The laboratory logged in the samples using the default collection time of 12:00 AM.
3. The Laboratory Footnote Report noted that the sample canister for samples SPAR0428MC002, SPAR0428MC003, SPAR0428MC007, and SPAR0428MC011 were received at/near ambient pressure.
4. The laboratory analytical report was reported to the RL; however, MDL reporting is required for this project. Upon Environmental Standards' request, SGS Galson provided a revised laboratory analytical report to report to the MDL.

QUALIFICATION

Based on the items included in this QA review, the following qualifiers are offered.

- All positive results reported between the MDL and RL should be considered estimated and have been flagged "J" on the data tables. (Reason Code RL)
- All other TICs have been flagged as estimated ("J") on the data tables because the method of analysis uses an arbitrary RRF of 1.0 for the quantitation of TIC concentrations. TIC results that have been given a specific compound name and CAS # by the laboratory have also been flagged "N" (tentative) on the data tables. Reference standards are not used to identify these TICs; therefore, the assigned compound name and CAS # can only be considered tentative. (Reason Code TIC)

Validation performed by:	Valerie Butterhof, Quality Assurance Chemist
Validation reviewed by:	Kaitlyn E. Podufalski, Senior Quality Assurance Chemist/Project Manager
Report approved by:	Rock J. Vitale, CEAC, Technical Director of Chemistry/Principal



SECTION 2

DATA QUALIFIERS, REASON CODES, AND ACRONYMS

DATA QUALIFIERS

- U This result should be considered “not-detected” because it was not detected above the detection limit or it was detected in a field blank or laboratory blank at a similar level.
- R Unreliable positive or non-detect result; analyte may or may not be present in sample.
- J Quantitation is approximate due to limitations identified during data validation.
- UJ This analyte was not detected, but the reporting limit may or may not be higher due to a bias identified during data validation.
- NJ The analysis indicates the presence of a compound that has been “tentatively identified” and the associated numerical value represents its approximate concentration.



REASON CODES AND EXPLANATIONS

Reason Code	Explanation
BE	Equipment blank contamination. The result should be considered "not-detected."
BF	Field blank contamination. The result should be considered "not-detected."
BL	Laboratory blank contamination. The result should be considered "not-detected."
BN	Negative laboratory blank contamination.
BT	Trip blank contamination. The result should be considered "not-detected."
C	Initial and/or continuing calibration issue, indeterminate bias.
C+	Initial and/or continuing calibration issue. The result may be biased high.
C-	Initial and/or continuing calibration issue. The result may be biased low.
E	Result exceeds linear calibration range.
FD	Field duplicate imprecision.
FG	Total versus dissolved imprecision.
H	Holding time exceeded.
I	Internal standard recovery outside of acceptance limits.
L	LCS and LCSD recoveries outside of acceptance limits, indeterminate bias.
L+	LCS and/or LCSD recoveries outside of acceptance limits. The result may be biased high.
L-	LCS and/or LCSD recoveries outside of acceptance limits. The result may be biased low.
LD	Laboratory duplicate imprecision.
LP	LCS/LCSD imprecision.
M	MS and MSD recoveries outside of acceptance limits, indeterminate bias.
M+	MS and/or MSD recoveries outside of acceptance limits. The result may be biased high.
M-	MS and/or MSD recoveries outside of acceptance limits. The result may be biased low.
MP	MS/MSD imprecision.
P	Post-digestion spike recoveries outside of acceptance limits, indeterminate bias.
P+	Post-digestion spike recovery outside of acceptance limits. The result may be biased high.
P-	Post-digestion spike recovery outside of acceptance limits. The result may be biased low.
Q	Chemical preservation issue.
R	RL standards outside of acceptance limits, indeterminate bias.
R+	RL standard(s) outside of acceptance limits. The result may be biased high.
R-	RL standard(s) outside of acceptance limits. The result may be biased low.
RL	Result reported between the method detection limit and the reporting limit.
T	Temperature preservation issue.
TIC	Tentatively identified compound.
S+	Surrogate outside of acceptance limits. The result may be biased high.
S-	Surrogate outside of acceptance limits. The result may be biased low.
SD	Serial dilution imprecision.
X	Percent solids < 50%.
Z	ICP or ICP/MS interference.
ZZ	Other.

ACROMYNS AND ABBREVIATIONS

Acronym/ Abbreviation	Description
BEX	Benzene, Ethylbenzene, and Xylene
BFB	Bromofluorobenzene
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
°C	Celsius (degree)
CaCO ₃	Calcium Carbonate
CAS #	Chemical Abstract Service Number(s)
CCAL	Continuing Calibration
CCB	Continuing Calibration Blank
CCC	Calibration Check Compound
CCV	Continuing Calibration Verification
CEAC	Certified Environmental Analytical Chemist
CF	Calibration Factor
CFR	Code of Federal Regulations
CLP	Contract Laboratory Program
COA	Certificate of Analysis
COC	Chain-of-Custody
CRDL	Contract-Required Detection Limit
CRQL	Contract-Required Quantitation Limit
CTEH	Center for Toxicology and Environmental Health
%D	Percent Difference
DAI	Direct Aqueous Injection
DCS	Detectability Check Sample
DLS	Detection Limit Standard
DF	Dilution Factor
DQO	Data Quality Objective
DRO	Diesel Range Organic
DUP	Sample Duplicate
EDB	Ethylene Dibromide
EDD	Electronic Data Deliverable
EDL	Estimated Detection Limit

Acronym/ Abbreviation	Description
EIS	Extracted Internal Standard
°F	Fahrenheit (degree)
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
HASL	Health and Safety Laboratory
HCl	Hydrochloric Acid
HDPE	High Density Polyethylene
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
ID	Identification
IDL	Instrument Detection Limit
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LIMS	Laboratory Information Management System
LLE	Liquid-Liquid Extraction
LOD	Limit of Detection
LOQ	Limit of Quantitation
M.S.	Master of Science
MB	Method Blank
MDL	Method Detection Limit
Me	Methanol
mg/L	Milligrams per Liter
MRL	Method Reporting Limit
MS	Mass Spectrometry/Matrix Spike
MS/MS	Tandem Mass Spectrometry
MS/MSD	Matrix Spike/Matrix Spike Duplicate
MTBE	Methyl <i>Tertiary</i> Butyl Ether
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QAPP	Quality Assurance Project Plan
QC	Quality Control
RF	Response Factor
RL	Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSD	Relative Standard Deviation
RT	Retention Time
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SOP	Standard Operating Procedure
SU	Standard Units
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TCE	Trichloroethylene
TCEQ	Texas Commission on Environmental Quality

Acronym/ Abbreviation	Description
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TIC	Tentatively Identified Compound
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UCL	Upper Control Limit
US	United States
USACE	United States Army Corps of Engineers
US EPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
VTSR	Validated Time of Sample Receipt
WO	Work Order(s)
WP	Work Plan
ZHE	Zero Headspace Extraction/Extractor



SECTION 3

ANALYTICAL RESULTS

				Lab Sample ID	L624707-1						L624707-10					
				Sample Name	SPAR0428MC001						SPAR0428MC010					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624707-10					
				Sample Name							SPAR0428MC010					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.086	J	RL	0.16	0.050	1
				UG/M3	0.23	U		0.75	0.23	1	0.40	J	RL	0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	2.2			0.50	0.19	1	2.7			0.50	0.19	1
				UG/M3	5.2			1.2	0.45	1	6.4			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.068	U		0.16	0.068	1	0.091	J	RL	0.16	0.068	1
				UG/M3	0.16	U		0.37	0.16	1	0.21	J	RL	0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.044	U		0.16	0.044	1	0.29			0.16	0.044	1
				UG/M3	0.14	U		0.51	0.14	1	0.92			0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID	L624707-1						L624707-10					
				Sample Name	SPAR0428MC001						SPAR0428MC010					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.041	U		0.16	0.041	1	0.071	J	RL	0.16	0.041	1
				UG/M3	0.26	U		1.0	0.26	1	0.45	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.71			0.16	0.063	1	0.55			0.16	0.063	1
				UG/M3	1.5			0.33	0.13	1	1.1			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.068	U		0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.25	U		0.58	0.25	1	0.25	U		0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID	L624707-1						L624707-10					
				Sample Name	SPAR0428MC001						SPAR0428MC010					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.082	J	RL	0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.36	J	RL	0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.19			0.16	0.045	1	0.23			0.16	0.045	1
				UG/M3	1.1			0.90	0.25	1	1.3			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.050	U		0.16	0.050	1	0.070	J	RL	0.16	0.050	1
				UG/M3	0.38	U		1.2	0.38	1	0.54	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.45			0.16	0.052	1	0.45			0.16	0.052	1
				UG/M3	2.2			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.075	J	RL	0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.31	J	RL	0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.056	U		0.16	0.056	1	0.13	J	RL	0.16	0.056	1
				UG/M3	0.20	U		0.56	0.20	1	0.45	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.18	J	RL	0.50	0.18	1	0.58			0.50	0.18	1
				UG/M3	0.44	J	RL	1.2	0.43	1	1.4			1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.12	J	RL	0.32	0.10	1	0.16	J	RL	0.32	0.10	1
				UG/M3	0.51	J	RL	1.4	0.45	1	0.71	J	RL	1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.14	J	RL	0.16	0.061	1	0.20			0.16	0.061	1
				UG/M3	0.40	J	RL	0.47	0.18	1	0.59			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID							L624707-10					
				Sample Name							SPAR0428MC010					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.099	J	RL	0.16	0.076	1	0.11	J	RL	0.16	0.076	1
				UG/M3	0.34	J	RL	0.56	0.26	1	0.39	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.47			0.16	0.067	1	0.56			0.16	0.067	1
				UG/M3	1.1			0.38	0.16	1	1.3			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1
				UG/M3	0	U		0		1	0	U		0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.067	J	RL	0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.29	J	RL	0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.57			0.16	0.050	1	0.40			0.16	0.050	1
				UG/M3	1.7			0.47	0.15	1	1.2			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.20	U		0.50	0.20	1	0.50			0.50	0.20	1
				UG/M3	0.35	U		0.86	0.35	1	0.87			0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1

				Lab Sample ID							L624707-10						
				Sample Name							SPAR0428MC001						
				Sample Date							4/29/2024 12:00:00 AM						
				Sample Type							TRG						
				% Moisture													
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.20			0.16	0.050	1	0.39			0.16	0.050	1	
				UG/M3	0.74			0.60	0.19	1	1.5			0.60	0.19	1	
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1	
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1	
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1	
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1	
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1	
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1	
	VINYL ACETATE	108-05-4	T	PPBV	0.075	U		0.16	0.075	1	0.075	U		0.16	0.075	1	
				UG/M3	0.26	U		0.56	0.26	1	0.26	U		0.56	0.26	1	
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1	
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1	
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1	
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1	

				Lab Sample ID							L624707-12					
				Sample Name							SPAR0428MC012					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624707-12					
				Sample Name							SPAR0428MC012					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	2.9			0.50	0.19	1	2.7			0.50	0.19	1
				UG/M3	6.8			1.2	0.45	1	6.4			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	J	RL	0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.34	J	RL	0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.10	J	RL	0.16	0.068	1	0.12	J	RL	0.16	0.068	1
				UG/M3	0.23	J	RL	0.37	0.16	1	0.26	J	RL	0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.086	J	RL	0.16	0.044	1	0.083	J	RL	0.16	0.044	1
				UG/M3	0.27	J	RL	0.51	0.14	1	0.27	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID							L624707-12					
				Sample Name							SPAR0428MC012					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.070	J	RL	0.16	0.041	1	0.069	J	RL	0.16	0.041	1
				UG/M3	0.44	J	RL	1.0	0.26	1	0.43	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.57			0.16	0.063	1	0.54			0.16	0.063	1
				UG/M3	1.2			0.33	0.13	1	1.1			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.068	U		0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.25	U		0.58	0.25	1	0.25	U		0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID							L624707-12					
				Sample Name							SPAR0428MC012					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.21			0.16	0.045	1	0.21			0.16	0.045	1
				UG/M3	1.2			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.070	J	RL	0.16	0.050	1	0.063	J	RL	0.16	0.050	1
				UG/M3	0.54	J	RL	1.2	0.38	1	0.48	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.45			0.16	0.052	1	0.44			0.16	0.052	1
				UG/M3	2.2			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.068	J	RL	0.16	0.056	1	0.082	J	RL	0.16	0.056	1
				UG/M3	0.24	J	RL	0.56	0.20	1	0.29	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.24	J	RL	0.50	0.18	1	0.19	J	RL	0.50	0.18	1
				UG/M3	0.59	J	RL	1.2	0.43	1	0.47	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.10	U		0.32	0.10	1	0.10	U		0.32	0.10	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.28			0.16	0.061	1	0.21			0.16	0.061	1
				UG/M3	0.81			0.47	0.18	1	0.63			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID							L624707-12					
				Sample Name							SPAR0428MC012					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.076	U		0.16	0.076	1	0.11	J	RL	0.16	0.076	1
				UG/M3	0.26	U		0.56	0.26	1	0.39	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.34			0.16	0.067	1	0.43			0.16	0.067	1
				UG/M3	0.81			0.38	0.16	1	1.0			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1
				UG/M3	0	U		0		1	0	U		0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.31			0.16	0.050	1	0.49			0.16	0.050	1
				UG/M3	0.92			0.47	0.15	1	1.4			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.30	J	RL	0.50	0.20	1	0.31	J	RL	0.50	0.20	1
				UG/M3	0.52	J	RL	0.86	0.35	1	0.54	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1

				Lab Sample ID							L624707-12					
				Sample Name							SPAR0428MC011					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.23			0.16	0.050	1	0.24			0.16	0.050	1
				UG/M3	0.85			0.60	0.19	1	0.92			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.075	U		0.16	0.075	1	0.075	U		0.16	0.075	1
				UG/M3	0.26	U		0.56	0.26	1	0.26	U		0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID							L624707-14					
				Sample Name							SPAR0428MC014					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624707-14					
				Sample Name							SPAR0428MC014					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.053	J	RL	0.16	0.050	1
				UG/M3	0.23	U		0.75	0.23	1	0.25	J	RL	0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	3.4			0.50	0.19	1	2.2			0.50	0.19	1
				UG/M3	8.0			1.2	0.45	1	5.2			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.13	J	RL	0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.29	J	RL	0.37	0.16	1	0.16	U		0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.096	J	RL	0.16	0.044	1	0.081	J	RL	0.16	0.044	1
				UG/M3	0.31	J	RL	0.51	0.14	1	0.26	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID							L624707-14					
				Sample Name							SPAR0428MC014					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.072	J	RL	0.16	0.041	1	0.073	J	RL	0.16	0.041	1
				UG/M3	0.45	J	RL	1.0	0.26	1	0.46	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.57			0.16	0.063	1	0.56			0.16	0.063	1
				UG/M3	1.2			0.33	0.13	1	1.2			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.088	J	RL	0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.32	J	RL	0.58	0.25	1	0.25	U		0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID							L624707-14					
				Sample Name							SPAR0428MC014					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.22			0.16	0.045	1	0.21			0.16	0.045	1
				UG/M3	1.2			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.064	J	RL	0.16	0.050	1	0.065	J	RL	0.16	0.050	1
				UG/M3	0.49	J	RL	1.2	0.38	1	0.50	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.44			0.16	0.052	1	0.44			0.16	0.052	1
				UG/M3	2.2			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.056	U		0.16	0.056	1	0.10	J	RL	0.16	0.056	1
				UG/M3	0.20	U		0.56	0.20	1	0.36	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.78			0.50	0.18	1	0.30	J	RL	0.50	0.18	1
				UG/M3	1.9			1.2	0.43	1	0.74	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.12	J	RL	0.32	0.10	1	0.11	J	RL	0.32	0.10	1
				UG/M3	0.50	J	RL	1.4	0.45	1	0.47	J	RL	1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.37			0.16	0.061	1	0.16			0.16	0.061	1
				UG/M3	1.1			0.47	0.18	1	0.47			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID							L624707-14					
				Sample Name							SPAR0428MC014					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.11	J	RL	0.16	0.076	1	0.11	J	RL	0.16	0.076	1
				UG/M3	0.38	J	RL	0.56	0.26	1	0.38	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.29			0.16	0.067	1	0.41			0.16	0.067	1
				UG/M3	0.69			0.38	0.16	1	0.98			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1
				UG/M3	0	U		0		1	0	U		0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.47			0.16	0.050	1	0.39			0.16	0.050	1
				UG/M3	1.4			0.47	0.15	1	1.1			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.30	J	RL	0.50	0.20	1	0.24	J	RL	0.50	0.20	1
				UG/M3	0.52	J	RL	0.86	0.35	1	0.41	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.078	J	RL	0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.23	J	RL	0.47	0.19	1	0.19	U		0.47	0.19	1

				Lab Sample ID	L624707-13						L624707-14					
				Sample Name	SPAR0428MC013						SPAR0428MC014					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.52			0.16	0.050	1	0.75			0.16	0.050	1
				UG/M3	2.0			0.60	0.19	1	2.8			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.20			0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.80			0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.075	U		0.16	0.075	1	0.075	U		0.16	0.075	1
				UG/M3	0.26	U		0.56	0.26	1	0.26	U		0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID							L624707-3					
				Sample Name							SPAR0428MC003					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.16			0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.79			0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624707-2						L624707-3					
				Sample Name							SPAR0428MC002						SPAR0428MC003					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1						
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1						
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1						
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1						
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1						
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1						
	ACETONE	67-64-1	T	PPBV	4.7			0.50	0.19	1	2.7			0.50	0.19	1						
				UG/M3	11.			1.2	0.45	1	6.4			1.2	0.45	1						
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1						
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1						
	ACROLEIN	107-02-8	T	PPBV	0.45			0.16	0.068	1	0.068	U		0.16	0.068	1						
				UG/M3	1.0			0.37	0.16	1	0.16	U		0.37	0.16	1						
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1						
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1						
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1						
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1						
	BENZENE	71-43-2	T	PPBV	0.15	J	RL	0.16	0.044	1	0.15	J	RL	0.16	0.044	1						
				UG/M3	0.48	J	RL	0.51	0.14	1	0.49	J	RL	0.51	0.14	1						
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1						
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1						
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1						
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1						

				Lab Sample ID	L624707-2						L624707-3					
				Sample Name	SPAR0428MC002						SPAR0428MC003					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.041	U		0.16	0.041	1	0.041	U		0.16	0.041	1
				UG/M3	0.26	U		1.0	0.26	1	0.26	U		1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.73			0.16	0.063	1	0.62			0.16	0.063	1
				UG/M3	1.5			0.33	0.13	1	1.3			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.068	U		0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.25	U		0.58	0.25	1	0.25	U		0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID							L624707-2						L624707-3					
				Sample Name							SPAR0428MC002						SPAR0428MC003					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.20			0.16	0.045	1	0.22			0.16	0.045	1	0.22			0.16	0.045	1
				UG/M3	1.1			0.90	0.25	1	1.2			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.38	U		1.2	0.38	1	0.38	U		1.2	0.38	1	0.38	U		1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.46			0.16	0.052	1	0.43			0.16	0.052	1	0.43			0.16	0.052	1
				UG/M3	2.3			0.79	0.26	1	2.1			0.79	0.26	1	2.1			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.056	U		0.16	0.056	1	0.11	J	RL	0.16	0.056	1	0.11	J	RL	0.16	0.056	1
				UG/M3	0.20	U		0.56	0.20	1	0.39	J	RL	0.56	0.20	1	0.39	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.23	J	RL	0.50	0.18	1	0.18	J	RL	0.50	0.18	1	0.18	J	RL	0.50	0.18	1
				UG/M3	0.56	J	RL	1.2	0.43	1	0.45	J	RL	1.2	0.43	1	0.45	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.20	J	RL	0.32	0.10	1	0.11	J	RL	0.32	0.10	1	0.11	J	RL	0.32	0.10	1
				UG/M3	0.85	J	RL	1.4	0.45	1	0.47	J	RL	1.4	0.45	1	0.47	J	RL	1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.28			0.16	0.092	1	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	1.2			0.66	0.38	1	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.87			0.16	0.061	1	0.21			0.16	0.061	1	0.21			0.16	0.061	1
				UG/M3	2.6			0.47	0.18	1	0.61			0.47	0.18	1	0.61			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID							L624707-2						L624707-3					
				Sample Name							SPAR0428MC002						SPAR0428MC003					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1						
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1						
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.11	J	RL	0.16	0.076	1	0.091	J	RL	0.16	0.076	1						
				UG/M3	0.37	J	RL	0.56	0.26	1	0.32	J	RL	0.56	0.26	1						
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1						
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1						
	N-BUTANE	106-97-8	T	PPBV	0.44			0.16	0.067	1	0.71			0.16	0.067	1						
				UG/M3	1.1			0.38	0.16	1	1.7			0.38	0.16	1						
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1						
				UG/M3	0	U		0		1	0	U		0		1						
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1						
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1						
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1						
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1						
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1						
	PENTANE	109-66-0	T	PPBV	0.45			0.16	0.050	1	0.55			0.16	0.050	1						
				UG/M3	1.3			0.47	0.15	1	1.6			0.47	0.15	1						
	PROPYLENE	115-07-1	T	PPBV	0.31	J	RL	0.50	0.20	1	0.29	J	RL	0.50	0.20	1						
				UG/M3	0.52	J	RL	0.86	0.35	1	0.50	J	RL	0.86	0.35	1						
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1						
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1						
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1						
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1						
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1						
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1						
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1						

				Lab Sample ID							L624707-2						L624707-3					
				Sample Name							SPAR0428MC002						SPAR0428MC003					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.51			0.16	0.050	1	0.34			0.16	0.050	1	0.34			0.16	0.050	1
				UG/M3	1.9			0.60	0.19	1	1.3			0.60	0.19	1	1.3			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.097	J	RL	0.16	0.075	1	0.075	U		0.16	0.075	1	0.075	U		0.16	0.075	1
				UG/M3	0.34	J	RL	0.56	0.26	1	0.26	U		0.56	0.26	1	0.26	U		0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID	L624707-4						L624707-5					
				Sample Name	SPAR0428MC004						SPAR0428MC005					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	U		0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624707-5					
				Sample Name							SPAR0428MC005					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1
	ACETONE	67-64-1	T	PPBV	14.			0.50	0.19	1	8.7			0.50	0.19	1
				UG/M3	33.			1.2	0.45	1	21.			1.2	0.45	1
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1
	ACROLEIN	107-02-8	T	PPBV	0.068	U		0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.16	U		0.37	0.16	1	0.16	U		0.37	0.16	1
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1
	BENZENE	71-43-2	T	PPBV	0.11	J	RL	0.16	0.044	1	0.083	J	RL	0.16	0.044	1
				UG/M3	0.35	J	RL	0.51	0.14	1	0.27	J	RL	0.51	0.14	1
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1

				Lab Sample ID	L624707-4						L624707-5					
				Sample Name	SPAR0428MC004						SPAR0428MC005					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.041	U		0.16	0.041	1	0.070	J	RL	0.16	0.041	1
				UG/M3	0.26	U		1.0	0.26	1	0.44	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.64			0.16	0.063	1	0.53			0.16	0.063	1
				UG/M3	1.3			0.33	0.13	1	1.1			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHANE, 1,1-DIFLUORO-	75-37-6	T	PPBV	1.5	NJ	TIC	0		1						
				UG/M3	4.1	NJ	TIC	0		1						
	ETHYL ACETATE	141-78-6	T	PPBV	0.24			0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.87			0.58	0.25	1	0.25	U		0.58	0.25	1

				Lab Sample ID	L624707-4						L624707-5					
				Sample Name	SPAR0428MC004						SPAR0428MC005					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1
	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.21			0.16	0.045	1	0.21			0.16	0.045	1
				UG/M3	1.2			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.050	U		0.16	0.050	1	0.071	J	RL	0.16	0.050	1
				UG/M3	0.38	U		1.2	0.38	1	0.54	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.44			0.16	0.052	1	0.42			0.16	0.052	1
				UG/M3	2.2			0.79	0.26	1	2.1			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.056	U		0.16	0.056	1	0.072	J	RL	0.16	0.056	1
				UG/M3	0.20	U		0.56	0.20	1	0.25	J	RL	0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.43	J	RL	0.50	0.18	1	0.23	J	RL	0.50	0.18	1
				UG/M3	1.0	J	RL	1.2	0.43	1	0.57	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.11	J	RL	0.32	0.10	1	0.10	U		0.32	0.10	1
				UG/M3	0.46	J	RL	1.4	0.45	1	0.45	U		1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.19			0.16	0.061	1	0.17			0.16	0.061	1
				UG/M3	0.55			0.47	0.18	1	0.51			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1

				Lab Sample ID							L624707-5					
				Sample Name							SPAR0428MC005					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1
	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.076	U		0.16	0.076	1	0.10	J	RL	0.16	0.076	1
				UG/M3	0.26	U		0.56	0.26	1	0.36	J	RL	0.56	0.26	1
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1
	N-BUTANE	106-97-8	T	PPBV	0.63			0.16	0.067	1	0.43			0.16	0.067	1
				UG/M3	1.5			0.38	0.16	1	1.0			0.38	0.16	1
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV							0	U		0		1
				UG/M3							0	U		0		1
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1
	PENTANE	109-66-0	T	PPBV	0.81			0.16	0.050	1	0.35			0.16	0.050	1
				UG/M3	2.4			0.47	0.15	1	1.0			0.47	0.15	1
	PROPYLENE	115-07-1	T	PPBV	0.20	U		0.50	0.20	1	0.28	J	RL	0.50	0.20	1
				UG/M3	0.35	U		0.86	0.35	1	0.48	J	RL	0.86	0.35	1
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1

				Lab Sample ID	L624707-4						L624707-5					
				Sample Name	SPAR0428MC004						SPAR0428MC005					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.065	U		0.16	0.065	1
				UG/M3	0.19	U		0.47	0.19	1	0.19	U		0.47	0.19	1
	TOLUENE	108-88-3	T	PPBV	0.26			0.16	0.050	1	0.20			0.16	0.050	1
				UG/M3	0.97			0.60	0.19	1	0.75			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.075	U		0.16	0.075	1	0.075	U		0.16	0.075	1
				UG/M3	0.26	U		0.56	0.26	1	0.26	U		0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID	L624707-6						L624707-7					
				Sample Name	SPAR0428MC006						SPAR0428MC007					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.057	J	RL	0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.28	J	RL	0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624707-6						L624707-7					
				Sample Name							SPAR0428MC006						SPAR0428MC007					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1						
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1						
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1						
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1						
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.24	U		0.83	0.24	1	0.24	U		0.83	0.24	1						
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1						
	ACETONE	67-64-1	T	PPBV	1.7			0.50	0.19	1	2.4			0.50	0.19	1						
				UG/M3	4.1			1.2	0.45	1	5.7			1.2	0.45	1						
	ACETONITRILE	75-05-8	T	PPBV	0.20	U		0.50	0.20	1	0.20	U		0.50	0.20	1						
				UG/M3	0.33	U		0.84	0.33	1	0.33	U		0.84	0.33	1						
	ACROLEIN	107-02-8	T	PPBV	0.068	U		0.16	0.068	1	0.095	J	RL	0.16	0.068	1						
				UG/M3	0.16	U		0.37	0.16	1	0.22	J	RL	0.37	0.16	1						
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1						
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1						
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1						
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1						
	BENZENE	71-43-2	T	PPBV	0.11	J	RL	0.16	0.044	1	0.095	J	RL	0.16	0.044	1						
				UG/M3	0.34	J	RL	0.51	0.14	1	0.30	J	RL	0.51	0.14	1						
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1						
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1						
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1						
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1						

				Lab Sample ID	L624707-6						L624707-7					
				Sample Name	SPAR0428MC006						SPAR0428MC007					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.066	J	RL	0.16	0.041	1	0.071	J	RL	0.16	0.041	1
				UG/M3	0.42	J	RL	1.0	0.26	1	0.45	J	RL	1.0	0.26	1
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1
	CHLOROMETHANE	74-87-3	T	PPBV	0.54			0.16	0.063	1	0.54			0.16	0.063	1
				UG/M3	1.1			0.33	0.13	1	1.1			0.33	0.13	1
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1
	ETHYL ACETATE	141-78-6	T	PPBV	0.082	J	RL	0.16	0.068	1	0.068	U		0.16	0.068	1
				UG/M3	0.30	J	RL	0.58	0.25	1	0.25	U		0.58	0.25	1
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1

				Lab Sample ID	L624707-6						L624707-7					
				Sample Name	SPAR0428MC006						SPAR0428MC007					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.21	U		0.69	0.21	1	0.21	U		0.69	0.21	1
	FREON 11	75-69-4	T	PPBV	0.20			0.16	0.045	1	0.21			0.16	0.045	1
				UG/M3	1.1			0.90	0.25	1	1.2			0.90	0.25	1
	FREON 113	76-13-1	T	PPBV	0.069	J	RL	0.16	0.050	1	0.063	J	RL	0.16	0.050	1
				UG/M3	0.53	J	RL	1.2	0.38	1	0.48	J	RL	1.2	0.38	1
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1
	FREON 12	75-71-8	T	PPBV	0.42			0.16	0.052	1	0.45			0.16	0.052	1
				UG/M3	2.1			0.79	0.26	1	2.2			0.79	0.26	1
	HEPTANE	142-82-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.21	U		0.66	0.21	1	0.21	U		0.66	0.21	1
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1
	HEXANE	110-54-3	T	PPBV	0.073	J	RL	0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	0.26	J	RL	0.56	0.20	1	0.20	U		0.56	0.20	1
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	0.18	U		0.50	0.18	1	0.25	J	RL	0.50	0.18	1
				UG/M3	0.43	U		1.2	0.43	1	0.62	J	RL	1.2	0.43	1
	M,P-XYLENES	179601-23-1	T	PPBV	0.14	J	RL	0.32	0.10	1	0.10	U		0.32	0.10	1
				UG/M3	0.60	J	RL	1.4	0.45	1	0.45	U		1.4	0.45	1
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1
	METHYL ETHYL KETONE	78-93-3	T	PPBV	0.17			0.16	0.061	1	0.18			0.16	0.061	1
				UG/M3	0.51			0.47	0.18	1	0.52			0.47	0.18	1
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.084	U		0.16	0.084	1	0.084	U		0.16	0.084	1
				UG/M3	0.34	U		0.66	0.34	1	0.34	U		0.66	0.34	1
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1

				Lab Sample ID							L624707-6						L624707-7					
				Sample Name							SPAR0428MC006						SPAR0428MC007					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1						
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1						
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.10	J	RL	0.16	0.076	1	0.10	J	RL	0.16	0.076	1						
				UG/M3	0.35	J	RL	0.56	0.26	1	0.36	J	RL	0.56	0.26	1						
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1						
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1						
	N-BUTANE	106-97-8	T	PPBV	0.41			0.16	0.067	1	0.30			0.16	0.067	1						
				UG/M3	0.97			0.38	0.16	1	0.71			0.38	0.16	1						
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1						
				UG/M3	0	U		0		1	0	U		0		1						
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1						
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1						
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1						
	O-XYLENE	95-47-6	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1						
				UG/M3	0.24	U		0.69	0.24	1	0.24	U		0.69	0.24	1						
	PENTANE	109-66-0	T	PPBV	0.34			0.16	0.050	1	0.20			0.16	0.050	1						
				UG/M3	1.0			0.47	0.15	1	0.58			0.47	0.15	1						
	PROPYLENE	115-07-1	T	PPBV	0.34	J	RL	0.50	0.20	1	0.33	J	RL	0.50	0.20	1						
				UG/M3	0.58	J	RL	0.86	0.35	1	0.56	J	RL	0.86	0.35	1						
	STYRENE	100-42-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.22	U		0.68	0.22	1	0.22	U		0.68	0.22	1						
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	0.16	U		0.50	0.16	1	0.16	U		0.50	0.16	1						
				UG/M3	0.50	U		1.5	0.50	1	0.50	U		1.5	0.50	1						
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1						
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1						
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.065	U		0.16	0.065	1	0.088	J	RL	0.16	0.065	1						
				UG/M3	0.19	U		0.47	0.19	1	0.26	J	RL	0.47	0.19	1						

				Lab Sample ID	L624707-6						L624707-7					
				Sample Name	SPAR0428MC006						SPAR0428MC007					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.27			0.16	0.050	1	0.23			0.16	0.050	1
				UG/M3	1.0			0.60	0.19	1	0.86			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.075	U		0.16	0.075	1	0.082	J	RL	0.16	0.075	1
				UG/M3	0.26	U		0.56	0.26	1	0.29	J	RL	0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

				Lab Sample ID							L624707-9					
				Sample Name							SPAR0428MC009					
				Sample Date							4/29/2024 12:00:00 AM					
				Sample Type							TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,1,1-TRICHLOROETHANE	71-55-6	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.23	U		0.87	0.23	1	0.23	U		0.87	0.23	1
	1,1,2,2-TETRACHLOROETHANE	79-34-5	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1
				UG/M3	0.38	U		1.1	0.38	1	0.38	U		1.1	0.38	1
	1,1,2-TRICHLOROETHANE	79-00-5	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1
				UG/M3	0.27	U		0.87	0.27	1	0.27	U		0.87	0.27	1
	1,1-DICHLOROETHANE	75-34-3	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.18	U		0.65	0.18	1	0.18	U		0.65	0.18	1
	1,1-DICHLOROETHENE	75-35-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1
				UG/M3	0.19	U		0.63	0.19	1	0.19	U		0.63	0.19	1
	1,2,4-TRICHLOROBENZENE	120-82-1	T	PPBV	0.093	U		0.16	0.093	1	0.093	U		0.16	0.093	1
				UG/M3	0.69	U		1.2	0.69	1	0.69	U		1.2	0.69	1
	1,2,4-TRIMETHYLBENZENE	95-63-6	T	PPBV	0.54			0.16	0.056	1	0.056	U		0.16	0.056	1
				UG/M3	2.7			0.79	0.28	1	0.28	U		0.79	0.28	1
	1,2-DIBROMOETHANE	106-93-4	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.39	U		1.2	0.39	1	0.39	U		1.2	0.39	1
	1,2-DICHLOROBENZENE	95-50-1	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1
	1,2-DICHLOROETHANE	107-06-2	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1
				UG/M3	0.20	U		0.65	0.20	1	0.20	U		0.65	0.20	1
	1,2-DICHLOROPROPANE	78-87-5	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.20	U		0.74	0.20	1	0.20	U		0.74	0.20	1
	1,3,5-TRIMETHYLBENZENE	108-67-8	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1
	1,3-BUTADIENE	106-99-0	T	PPBV	0.071	U		0.16	0.071	1	0.071	U		0.16	0.071	1
				UG/M3	0.16	U		0.35	0.16	1	0.16	U		0.35	0.16	1
	1,3-DICHLOROBENZENE	541-73-1	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.26	U		0.96	0.26	1	0.26	U		0.96	0.26	1

				Lab Sample ID							L624707-8						L624707-9					
				Sample Name							SPAR0428MC008						SPAR0428MC009					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	1,4-DICHLOROBENZENE	106-46-7	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1						
				UG/M3	0.32	U		0.96	0.32	1	0.32	U		0.96	0.32	1						
	1,4-DIOXANE	123-91-1	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.23	U		0.58	0.23	1	0.23	U		0.58	0.23	1						
	2,2,4-TRIMETHYLPENTANE	540-84-1	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.23	U		0.75	0.23	1	0.23	U		0.75	0.23	1						
	2-CHLOROTOLUENE	95-49-8	T	PPBV	0.065	J	RL	0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.34	J	RL	0.83	0.24	1	0.24	U		0.83	0.24	1						
	4-ETHYLTOLUENE	622-96-8	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.25	U		0.79	0.25	1	0.25	U		0.79	0.25	1						
	ACETONE	67-64-1	T	PPBV	390			13.	4.8	25	3.2			0.50	0.19	1						
				UG/M3	930			30.	11.	25	7.7			1.2	0.45	1						
	ACETONITRILE	75-05-8	T	PPBV	0.30	J	RL	0.50	0.20	1	0.20	U		0.50	0.20	1						
				UG/M3	0.51	J	RL	0.84	0.33	1	0.33	U		0.84	0.33	1						
	ACROLEIN	107-02-8	T	PPBV	0.25			0.16	0.068	1	0.10	J	RL	0.16	0.068	1						
				UG/M3	0.58			0.37	0.16	1	0.24	J	RL	0.37	0.16	1						
	ACRYLONITRILE	107-13-1	T	PPBV	0.069	U		0.16	0.069	1	0.069	U		0.16	0.069	1						
				UG/M3	0.15	U		0.35	0.15	1	0.15	U		0.35	0.15	1						
	ALLYL CHLORIDE	107-05-1	T	PPBV	0.061	U		0.16	0.061	1	0.061	U		0.16	0.061	1						
				UG/M3	0.19	U		0.50	0.19	1	0.19	U		0.50	0.19	1						
	BENZENE	71-43-2	T	PPBV	0.10	J	RL	0.16	0.044	1	0.17			0.16	0.044	1						
				UG/M3	0.33	J	RL	0.51	0.14	1	0.56			0.51	0.14	1						
	BENZYL CHLORIDE	100-44-7	T	PPBV	0.087	U		0.16	0.087	1	0.087	U		0.16	0.087	1						
				UG/M3	0.45	U		0.83	0.45	1	0.45	U		0.83	0.45	1						
	BROMODICHLOROMETHANE	75-27-4	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.30	U		1.1	0.30	1	0.30	U		1.1	0.30	1						
	BROMOFORM	75-25-2	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.53	U		1.7	0.53	1	0.53	U		1.7	0.53	1						

				Lab Sample ID							L624707-8						L624707-9					
				Sample Name							SPAR0428MC008						SPAR0428MC009					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	BROMOMETHANE	74-83-9	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1						
				UG/M3	0.23	U		0.62	0.23	1	0.23	U		0.62	0.23	1						
	CARBON DISULFIDE	75-15-0	T	PPBV	0.14	U		0.50	0.14	1	0.14	U		0.50	0.14	1						
				UG/M3	0.42	U		1.6	0.42	1	0.42	U		1.6	0.42	1						
	CARBON TETRACHLORIDE	56-23-5	T	PPBV	0.073	J	RL	0.16	0.041	1	0.071	J	RL	0.16	0.041	1						
				UG/M3	0.46	J	RL	1.0	0.26	1	0.45	J	RL	1.0	0.26	1						
	CHLOROBENZENE	108-90-7	T	PPBV	0.055	U		0.16	0.055	1	0.055	U		0.16	0.055	1						
				UG/M3	0.25	U		0.74	0.25	1	0.25	U		0.74	0.25	1						
	CHLOROETHANE	75-00-3	T	PPBV	0.085	U		0.16	0.085	1	0.085	U		0.16	0.085	1						
				UG/M3	0.22	U		0.42	0.22	1	0.22	U		0.42	0.22	1						
	CHLOROFORM	67-66-3	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.22	U		0.78	0.22	1	0.22	U		0.78	0.22	1						
	CHLOROMETHANE	74-87-3	T	PPBV	0.55			0.16	0.063	1	0.56			0.16	0.063	1						
				UG/M3	1.1			0.33	0.13	1	1.2			0.33	0.13	1						
	CIS-1,2-DICHLOROETHYLENE	156-59-2	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.18	U		0.63	0.18	1	0.18	U		0.63	0.18	1						
	CIS-1,3-DICHLOROPROPENE	10061-01-5	T	PPBV	0.045	U		0.16	0.045	1	0.045	U		0.16	0.045	1						
				UG/M3	0.20	U		0.73	0.20	1	0.20	U		0.73	0.20	1						
	CUMENE	98-82-8	T	PPBV	0.046	U		0.16	0.046	1	0.046	U		0.16	0.046	1						
				UG/M3	0.23	U		0.79	0.23	1	0.23	U		0.79	0.23	1						
	CYCLOHEXANE	110-82-7	T	PPBV	0.058	U		0.16	0.058	1	0.058	U		0.16	0.058	1						
				UG/M3	0.20	U		0.55	0.20	1	0.20	U		0.55	0.20	1						
	DIBROMOCHLOROMETHANE	124-48-1	T	PPBV	0.053	U		0.16	0.053	1	0.053	U		0.16	0.053	1						
				UG/M3	0.45	U		1.4	0.45	1	0.45	U		1.4	0.45	1						
	ETHYL ACETATE	141-78-6	T	PPBV	0.32			0.16	0.068	1	0.068	U		0.16	0.068	1						
				UG/M3	1.2			0.58	0.25	1	0.25	U		0.58	0.25	1						
	ETHYL BROMIDE	74-96-4	T	PPBV	0.050	U		0.16	0.050	1	0.050	U		0.16	0.050	1						
				UG/M3	0.22	U		0.71	0.22	1	0.22	U		0.71	0.22	1						

				Lab Sample ID							L624707-8						L624707-9					
				Sample Name							SPAR0428MC008						SPAR0428MC009					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	ETHYLBENZENE	100-41-4	T	PPBV	0.057	J	RL	0.16	0.048	1	0.048	U		0.16	0.048	1						
				UG/M3	0.25	J	RL	0.69	0.21	1	0.21	U		0.69	0.21	1						
	FREON 11	75-69-4	T	PPBV	0.21			0.16	0.045	1	0.23			0.16	0.045	1						
				UG/M3	1.2			0.90	0.25	1	1.3			0.90	0.25	1						
	FREON 113	76-13-1	T	PPBV	0.070	J	RL	0.16	0.050	1	0.071	J	RL	0.16	0.050	1						
				UG/M3	0.54	J	RL	1.2	0.38	1	0.54	J	RL	1.2	0.38	1						
	FREON 114	76-14-2	T	PPBV	0.056	U		0.16	0.056	1	0.056	U		0.16	0.056	1						
				UG/M3	0.39	U		1.1	0.39	1	0.39	U		1.1	0.39	1						
	FREON 12	75-71-8	T	PPBV	0.44			0.16	0.052	1	0.45			0.16	0.052	1						
				UG/M3	2.2			0.79	0.26	1	2.2			0.79	0.26	1						
	HEPTANE	142-82-5	T	PPBV	0.064	J	RL	0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.26	J	RL	0.66	0.21	1	0.21	U		0.66	0.21	1						
	HEXACHLORO-1,3-BUTADIENE	87-68-3	T	PPBV	0.057	U		0.16	0.057	1	0.057	U		0.16	0.057	1						
				UG/M3	0.61	U		1.7	0.61	1	0.61	U		1.7	0.61	1						
	HEXANE	110-54-3	T	PPBV	0.071	J	RL	0.16	0.056	1	0.066	J	RL	0.16	0.056	1						
				UG/M3	0.25	J	RL	0.56	0.20	1	0.23	J	RL	0.56	0.20	1						
	ISOPROPYL ALCOHOL	67-63-0	T	PPBV	4.3			0.50	0.18	1	0.20	J	RL	0.50	0.18	1						
				UG/M3	11.			1.2	0.43	1	0.49	J	RL	1.2	0.43	1						
	M,P-XYLENES	179601-23-1	T	PPBV	0.19	J	RL	0.32	0.10	1	0.10	U		0.32	0.10	1						
				UG/M3	0.82	J	RL	1.4	0.45	1	0.45	U		1.4	0.45	1						
	METHYL BUTYL KETONE	591-78-6	T	PPBV	0.092	U		0.16	0.092	1	0.092	U		0.16	0.092	1						
				UG/M3	0.38	U		0.66	0.38	1	0.38	U		0.66	0.38	1						
	METHYL ETHYL KETONE	78-93-3	T	PPBV	1.4			0.16	0.061	1	0.23			0.16	0.061	1						
				UG/M3	4.0			0.47	0.18	1	0.67			0.47	0.18	1						
	METHYL ISOBUTYL KETONE	108-10-1	T	PPBV	0.097	J	RL	0.16	0.084	1	0.084	U		0.16	0.084	1						
				UG/M3	0.40	J	RL	0.66	0.34	1	0.34	U		0.66	0.34	1						
	METHYL METHACRYLATE	80-62-6	T	PPBV	0.059	U		0.16	0.059	1	0.059	U		0.16	0.059	1						
				UG/M3	0.24	U		0.66	0.24	1	0.24	U		0.66	0.24	1						

				Lab Sample ID							L624707-8						L624707-9					
				Sample Name							SPAR0428MC008						SPAR0428MC009					
				Sample Date							4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type							TRG						TRG					
				% Moisture																		
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	METHYL TERTIARY BUTYL ETHER	1634-04-4	T	PPBV	0.047	U		0.16	0.047	1	0.047	U		0.16	0.047	1						
				UG/M3	0.17	U		0.58	0.17	1	0.17	U		0.58	0.17	1						
	METHYLENE CHLORIDE	75-09-2	T	PPBV	0.12	J	RL	0.16	0.076	1	0.12	J	RL	0.16	0.076	1						
				UG/M3	0.41	J	RL	0.56	0.26	1	0.41	J	RL	0.56	0.26	1						
	NAPHTHALENE	91-20-3	T	PPBV	0.14	U		0.16	0.14	1	0.14	U		0.16	0.14	1						
				UG/M3	0.75	U		0.84	0.75	1	0.75	U		0.84	0.75	1						
	N-BUTANE	106-97-8	T	PPBV	0.37			0.16	0.067	1	0.44			0.16	0.067	1						
				UG/M3	0.88			0.38	0.16	1	1.0			0.38	0.16	1						
	NO VOLATILES FOUND	NO VOLATILES FOUND	T	PPBV	0	U		0		1	0	U		0		1						
				UG/M3	0	U		0		1	0	U		0		1						
	NONANE	111-84-2	T	PPBV	0.064	U		0.16	0.064	1	0.064	U		0.16	0.064	1						
				UG/M3	0.34	U		0.84	0.34	1	0.34	U		0.84	0.34	1						
	N-PROPYLBENZENE	103-65-1	T	PPBV	0.054	U		0.16	0.054	1	0.054	U		0.16	0.054	1						
				UG/M3	0.27	U		0.79	0.27	1	0.27	U		0.79	0.27	1						
	O-XYLENE	95-47-6	T	PPBV	0.086	J	RL	0.16	0.056	1	0.056	U		0.16	0.056	1						
				UG/M3	0.37	J	RL	0.69	0.24	1	0.24	U		0.69	0.24	1						
	PENTANE	109-66-0	T	PPBV	0.47			0.16	0.050	1	0.60			0.16	0.050	1						
				UG/M3	1.4			0.47	0.15	1	1.8			0.47	0.15	1						
	PROPYLENE	115-07-1	T	PPBV	0.30	J	RL	0.50	0.20	1	0.45	J	RL	0.50	0.20	1						
				UG/M3	0.52	J	RL	0.86	0.35	1	0.77	J	RL	0.86	0.35	1						
	STYRENE	100-42-5	T	PPBV	0.069	J	RL	0.16	0.051	1	0.051	U		0.16	0.051	1						
				UG/M3	0.29	J	RL	0.68	0.22	1	0.22	U		0.68	0.22	1						
	TERT-BUTYL ALCOHOL	75-65-0	T	PPBV	2.5			0.50	0.16	1	0.16	U		0.50	0.16	1						
				UG/M3	7.7			1.5	0.50	1	0.50	U		1.5	0.50	1						
	TETRACHLOROETHYLENE	127-18-4	T	PPBV	0.049	U		0.16	0.049	1	0.049	U		0.16	0.049	1						
				UG/M3	0.33	U		1.1	0.33	1	0.33	U		1.1	0.33	1						
	TETRAHYDROFURAN	109-99-9	T	PPBV	0.21			0.16	0.065	1	0.072	J	RL	0.16	0.065	1						
				UG/M3	0.62			0.47	0.19	1	0.21	J	RL	0.47	0.19	1						

				Lab Sample ID	L624707-8						L624707-9					
				Sample Name	SPAR0428MC008						SPAR0428MC009					
				Sample Date	4/29/2024 12:00:00 AM						4/29/2024 12:00:00 AM					
				Sample Type	TRG						TRG					
				% Moisture												
Analytic Method	Chemical Name	CAS Rn	Fraction	Result Unit	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF	Result	Qualifier	Reason Code	Reporting Limit	MDL	DF
mod. OSHA PV2120/mod. EPA TO15; GC/MS	TOLUENE	108-88-3	T	PPBV	0.47			0.16	0.050	1	0.29			0.16	0.050	1
				UG/M3	1.8			0.60	0.19	1	1.1			0.60	0.19	1
	TRANS-1,2-DICHLOROETHENE	156-60-5	T	PPBV	0.051	U		0.16	0.051	1	0.051	U		0.16	0.051	1
				UG/M3	0.20	U		0.63	0.20	1	0.20	U		0.63	0.20	1
	TRANS-1,3-DICHLOROPROPENE	10061-02-6	T	PPBV	0.048	U		0.16	0.048	1	0.048	U		0.16	0.048	1
				UG/M3	0.22	U		0.73	0.22	1	0.22	U		0.73	0.22	1
	TRICHLOROETHYLENE	79-01-6	T	PPBV	0.044	U		0.16	0.044	1	0.044	U		0.16	0.044	1
				UG/M3	0.24	U		0.86	0.24	1	0.24	U		0.86	0.24	1
	VINYL ACETATE	108-05-4	T	PPBV	0.22			0.16	0.075	1	0.075	U		0.16	0.075	1
				UG/M3	0.76			0.56	0.26	1	0.26	U		0.56	0.26	1
	VINYL BROMIDE	593-60-2	T	PPBV	0.043	U		0.16	0.043	1	0.043	U		0.16	0.043	1
				UG/M3	0.19	U		0.70	0.19	1	0.19	U		0.70	0.19	1
	VINYL CHLORIDE	75-01-4	T	PPBV	0.063	U		0.16	0.063	1	0.063	U		0.16	0.063	1
				UG/M3	0.16	U		0.41	0.16	1	0.16	U		0.41	0.16	1

Attachment G

Wind Roses

