GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171
gel.com

May 14, 2026

Ms. Heather Medley
Central Plateau Cleanup Company
200 East / MO-277 / 108
PO Box 1600
Richland, Washington 99352

Re: SAF X26-001
Work Order: 773225
SDG: GEL773225

Dear Ms. Medley:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 17, 2026. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4505.

Sincerely,

Latarsha Green for
Heather Shaffer
Project Manager

Purchase Order: 901852 - 7H
Chain of Custody: X26-001-088
Enclosures

problem solved

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Case Narrative

General Narrative
for
Central Plateau Cleanup Company (89223)
SAF X26-001
SDG: GEL773225

May 14, 2026

Laboratory Identification:

GEL Laboratories LLC
2040 Savage Road
Charleston, South Carolina 29407
(843) 556-8171

Summary

Sample receipt

The sample(s) arrived at GEL Laboratories, LLC, Charleston, South Carolina on April 17, 2026, for analysis. The sample was delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt.

Items of Note All efforts were made by the lab to meet any short hold times. Samples that were analyzed outside of the initial hold time but still within 2X hold time will be noted in the lab case narrative.

Sample Identification
The laboratory received the following sample:

Laboratory Identification	Sample Description
773225001	B4NVJ9

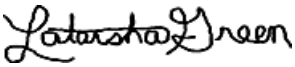
Case Narrative

Sample analyses were conducted using methodology as outlined in GEL Laboratories, LLC (GEL) Standard Operating Procedures. GEL has received project-specific exceptions to QSM 6.0. There are no technical exceptions to QSM 6.0 other than adherence to client-defined requirements outlined in the SOW. Documentation of these exceptions is included in the Project Management section of the data package. Any technical or administrative problems during analysis, data review, and reduction are contained in the analytical case narratives in the enclosed data package.

Data Package

The enclosed data package contains the following sections: General Narrative, Chain of Custody and Supporting Documentation, and data from the following fractions: GC/MS Volatile.

We certify that this package is in compliance with the Analytical Laboratory Services for Central Plateau Cleanup Company Statement of Work, both technically and for completeness, including a full description of, explanation of, and corrective actions for, any and all deviations, from either the analyses requested or the case narrative requested. Release of the data contained in this data package deliverable has been authorized by the Laboratory Analytical Manager (or designee) and the laboratory's client services representative as verified by their signatures on this report.



Latarsha Green for
Heather Shaffer
Project Manager

GC/MS Volatile
Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL773225
Work Order #: 773225

Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Blank (MB) Statement
Target analytes were detected in the blank (See Below) below the reporting limit. The associated data are qualified accordingly and reported.

Sample	Analyte	Value
1206447818 (MB)	Methylene chloride	0.54 ug/L between (0.5 - 5)

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

Chain of Custody and Supporting Documentation

Central Plateau Cleanup Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

773225

C.O.C. # X26-001-088

PAGE 1 OF 1

Collector:	Scott Morris CPCCo	**Contact/Requester:**	WATERS-HUSTED, K	**Telephone No.:**	376-4650
SAF No.:	X26-001	**Sampling Origin:**	Hanford Site	**Purchase Order/Charge Code:**	901852
Project Title:	Groundwater Background Sampling, Octob	**Logbook No.:**	HNF-N-506 -155	**Ice Chest No.:**	GWS - 104
Shipped To (Lab):	GEL Laboratories, LLC	**Method of Shipment:**	Commercial Carrier	**Bill of Lading/Air Bill No.:**	870750264594
Protocol:	SURV	**Priority:**	30 Days	**Offsite Property No.:**	N/A

POSSIBLE SAMPLE HAZARDS/REMARKS

*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL INSTRUCTIONS

Batch with A, I, S, and W SAFs.

Sample No.	Filter	*	Date	Time	No./Type Container	Sample Analysis	Holding Time	Preservation
B4NVJ9	N	W	APR 16 2026	0924	4x40-mL aGs*	8260_VOA_GCMS: COMMON	14 Days	HCl or H2SO4 to pH <2 / Cool <=6C

Relinquished By			Received By		
Print First and Last Name	*Signature*	*Date/Time*	*Print First and Last Name*	*Signature*	*Date/Time*
Scott Morris CPCCo		APR 16 2026	Kevin Hamilton / CPCC		APR 16 2026 0940
Kevin Hamilton / CPCC		APR 16 2026	FEDEX Stacy Boone		APR 17 2026 920
FedEx			Stacy Boone		

Matrix *

S	= Soil	DS	= Drum Solids
SE	= Sediment	DL	= Drum Liquids
SO	= Solid	T	= Tissue
SL	= Sludge	WI	= Wipe
W	= Water	L	= Liquid
O	= Oil	V	= Vegetation
A	= Air	X	= Other

FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process):	Disposed By:	Date/Time:

Printed On 7/17/2025 FSR ID = FSR160558 Report Format: 02/29/2024

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: CPRC | SDG/AR/COC/Work Order: 773225 | GEL PM:

Received By: Stacy Boone | Date Received at GEL: APRIL 17, 2026

Circle Applicable: FedEx Express FedEx Ground UPS Field Services Courier Client Other:

IR Temp gun # IR4-24 Daily Calibration Performed? Y N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
8707 4176 4718	1.6		8707 4757 7239	1.6	
3983 8529	1.6		5026 3594	1.6	
4298 3792	1.6		4092 1840	1.6	
4140 7518	1.6				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
Did the client designate the samples are to be received as radioactive?	✓		COC notation or radioactive stickers on containers equate to client designation.
Did the RSO classify the samples as radioactive?	✓		Maximum Net Counts Observed* (Observed Counts - Area Background Counts): ___ CPM / mR/Hr. Classified as: Rad 1 Rad 2 Rad 3
Were there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes ✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ✓ No ✓ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes ✓ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?			✓	
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

Initials: [illegible] Date: 4/17/26

Data Review Qualifier Definitions

Project Specific Qualifier Definitions for GEL Client Code: CPRC

Qualifier	Qualifier Definition	Department	Fraction
*	Duplicate analysis not within control limits	Inorganics	
>	Result greater than quantifiable range or greater than upper limit of the analysis range	General Chemistry	
+	Correlation coefficient for Method of Standard Additions (MSA) is < 0.995	Inorganics	
<	Sample is below the EPA guidance level for Reactive Releasable Cyanide and/or Reactive Releasable Sulfide	General Chemistry	
A	The TIC is a suspected aldol-condensation product	Organics	Semi-Volatile
B	The analyte was detected in both the associated QC blank and in the sample.	Organics	
B	The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).	General Chemistry	
B	The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).	Inorganics	Metals
B	The analyte was detected in the associated method blank >/= MDC or >5% sample activity.	Radiological	
C	Target analyte was detected in the sample and the associated blank. The associated blank concentration is >= EQL or is > 5% of the measured concentration and/or decision level for associated samples.	Inorganics	Metals
C	Target analyte was detected in the sample and the associated blank. The associated blank concentration is >= EQL or is > 5% of the measured concentration and/or decision level for associated samples.	General Chemistry	
C	Analyte has been confirmed by GC/MS analysis	Organics	Pesticide
D	Results are reported from a diluted aliquot of sample.		
E	Concentration exceeds the calibration range of the instrument	Organics	
E	Reported value is estimated due to interferences. See comment in narrative.		
J	The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).Value is estimated	Organics	
M	Duplicate precision not met.	Inorganics	Metals
N	Spike Sample recovery is outside control limits.		
O	Analyte failed to recover within LCS limits (0rganics only)	Organics	
P	Aroclor target analyte with greater than 25% difference between column analyses.	Organics	
S	Reported value determined by the Method of Standard Additions (MSA)	Inorganics	
T	Spike and/or spike duplicate sample recovery is outside control limits.	Organics	
U	Analyzed for but not detected above the MDL, MDA, MDC or LOD.		
W	Post-digestion spike recovery for GFAA out of control limit. Sample absorbency < 50% of spike absorbency.	Inorganics	
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier		
Y	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier		
Z	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier		
UX	Gamma Spectroscopy--Uncertain identification	Radiological	
O	Analyte failed to recover within LCS limits	Radiological	Rad
H	Laboratory holding time exceeded before the sample was analyzed.		
O	Analyte failed to recover within LCS limits	Inorganics	Metals
O	Analyte failed to recover within LCS limits	General Chemistry	General Chem

Laboratory Certifications and QSM Waiver

List of current GEL Certifications as of 14 May 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

GEL Laboratories LLC

QSM 6.0 Compliance Waiver Form (Alternative Client Waivers Accepted)

Please complete the sections below if a project-specific plan requires a waiver from QSM 6.0 requirements. This form ensures that the client has formally notified the laboratory of any deviations from QSM 6.0 that are necessary for their project needs. Per QSM 6.0, all waivers must be approved by the customer-identified technical point of contact and include project-specific technical justification.

Instructions:

1. Provide detailed information for each requirement.
2. Mark any non-applicable sections as 'N/A'.
3. Contact your project manager for clarification if needed.
4. Submit form to your Project Manager

		If the criteria below is specified in the SOW, simply state: SOW specifies criteria
Requirement	**Details**	**Client Exception / Technical Justification**
1. Market Type or End Use of Data	DOD / DOE QSM 6.0	N/A Contract with GEL stipulates compliance with QSM (Please note that specifications listed in statement of work (SOW) supersede QSM requirements)
2. Data Package Requirements	**Check** Items **NOT** required in each package: 7.8.2.1.ee Standard Traceability ☑ 7.8.2.1.ff Instrument output (raw data) ☑ 7.8.2.1.gg Instrument or sequence run logs ☑ (**Note: All items listed above will be included unless waived by the client**) **7.8.2.1.x Waiver from QSM requirements** ☑	The items listed are required for CPCCo standalone data packages and in the sample delivery group purge file. The items are not required for summary data packages. This is SOW specific criteria Sections 4.6 and 8.3.
3. Data Reporting	QSM 6.0 requires "non-detects" to be reported as < PTRL or < LOQ (Chemistry) or < Critical Level (Rad) How should non-detects (U qualified results) be reported for this project? - Chemistry: MDL ☑ PQL ☐ LOD ☐ CRDL ☐ - Radiochemistry: MDA ☑ Critical Level ☐	SOW specifies criteria.
4. Qualifiers	Apply QSM Specific Qualifiers? Or Client Specific Qualifiers (Provided)?	SOW specifies criteria – Appendix D

5. Method Blank Criteria	**Chemistry**: Any target analyte exceeds 1/2 the LOQ or 1/10th the amount measured in any associated sample, whichever is greater. Any common laboratory contaminant exceeds the LOQ or 1/10th the amount measured in any associated sample, whichever is greater. **Radiochemistry**: Acceptance criteria shall be: |ZBlank| ≤ 3	SOW specifies criteria.
6. Laboratory Control Sample Criteria	**Chemistry**: QSM 6.0 Appendix C Limits **Radiochemistry**: Control limit for |ZLCS| ≤ 3	SOW specifies criteria – Appendix B.
7. Appendix B Quality Control Requirements:	Apply Appendix B Quality Control Requirements to all applicable tests? (**Note: All QC requirements listed in Appendix B will be applied unless waived by the client**)	QSM Appendix B QC requirements are to be followed EXCEPT method blanks, LCS/LCSD, MS/MSD recoveries and RPDs, surrogate recoveries, tracer/carrier recoveries, and matrix duplicate RPD. SOW specifies criteria for method blanks, LCS/LCSD, MS/MSD recoveries and RPDs, surrogate recoveries, tracer/carrier recoveries, and matrix duplicate RPD.
8. Additional QSM Requirement(s): Data Reporting	*Note: Please list all additional QSM 6.0 exceptions* **Check** Items **NOT** required in each package: 7.8.2.1.v manual integration chromatograms 7.8.2.1.w LOD/LOQ verification data for infrequent method 7.8.2.1.dd sample preparation records	The items listed are required for CPCCo standalone data packages and in the sample delivery group purge file. The items are not required for summary data packages. This is SOW specific criteria Sections 4.6 and 8.3.

Agreement

By signing this form, the client confirms that the above waiver is accurate. Changes requested after data reporting may incur additional charges.

Medley, Heather A Digitally signed by Medley, Heather A Date: 2025.06.24 12:01:38 -07'00'

Technical Point of Contact: _Heather Medley_____ Signature:_____ Date:_____

Email: _heather_a_medley@rl.gov_____ Phone: __509-373-6909_____

Client Name: _____

Project ID: _____ Contract #: _____ GEL Quote #: _____

Volatile Analysis

Case Narrative

GC/MS Volatile
Technical Case Narrative
Central Plateau Cleanup Company
SDG #: GEL773225
Work Order #: 773225

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2984253

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
773225001	B4NVJ9
1206447816	Laboratory Control Sample (LCS) **Batch 2984253**
1206447818	Method Blank (MB)
1206447819	772538012(NonSDG) Matrix Spike (MS)
1206447820	772538012(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Blank (MB) Statement
Target analytes were detected in the blank (See Below) below the reporting limit. The associated data are qualified accordingly and reported.

Sample	Analyte	Value
1206447818 (MB)	Methylene chloride	0.54 ug/L between (0.5 - 5)

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Qualifier Definition Report
for

CPRC003 Central Plateau Cleanup Company (89223)

Client SDG: GEL773225 GEL Work Order: 773225

The Qualifiers in this report are defined as follows:

J The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).Value is estimated

U Analyzed for but not detected above the MDL, MDA, MDC or LOD.

DL Indicates that sample is diluted.

RA Indicates that sample is re-analyzed without re-extraction.

RE Indicates that sample is re-extracted.

Review/Validation

GEL requires all analytical data to be verified by a qualified data reviewer. In addition, all CLP-like deliverables receive a third level review of the fractional data package.

The following data validator verified the information presented in this data report:

Signature: Erin Haubert **Name: Erin Haubert**

Date: 11 MAY 2026 **Title: Data Validator**

Sample Data Summary

Volatile
Certificate of Analysis
Sample Summary

SDG Number:	**GEL773225**	**Date Collected:**	**04/16/2026 09:24**	**Matrix:**	**WATER**
Lab Sample ID:	**773225001**	**Date Received:**	**04/17/2026 09:20**		
		Client:	**CPRC003**	**Project:**	**CPRC0X26001**
Client ID:	**B4NVJ9**	**Method:**	**SW846 8260D**	**SOP Ref:**	**GL-OA-E-038**
Batch ID:	**2984253**	**Inst:**	**VOAD.I**	**Dilution:**	**1**
Run Date:	**04/24/2026 13:20**	**Analyst:**	**JM6**	**Purge Vol:**	**5 mL**
Prep Date:	**04/24/2026 13:20**				
Data File:	**042426VD\DZ516.D**	**Column:**	**DB-624**		

CAS No.	Parmname	Qualifier	Result	Units	MDL/LOD	PQL/LOQ	RDL
75-01-4	Vinyl chloride	U	0.333	ug/L	0.333	1.00	2.00
67-64-1	Acetone	U	1.74	ug/L	1.74	5.00	20.0
75-35-4	1,1-Dichloroethene	U	0.333	ug/L	0.333	1.00	10.0
	1,1-Dichloroethylene						
75-15-0	Carbon disulfide	U	1.67	ug/L	1.67	5.00	5.00
75-09-2	Methylene chloride		21.1	ug/L	0.500	5.00	5.00
75-34-3	1,1-Dichloroethane	U	0.333	ug/L	0.333	1.00	10.0
78-93-3	2-Butanone	U	1.67	ug/L	1.67	5.00	15.0
67-66-3	Chloroform	U	0.333	ug/L	0.333	1.00	5.00
71-55-6	1,1,1-Trichloroethane	U	0.333	ug/L	0.333	1.00	5.00
56-23-5	Carbon tetrachloride	U	0.333	ug/L	0.333	1.00	3.00
107-06-2	1,2-Dichloroethane	U	0.333	ug/L	0.333	1.00	5.00
71-43-2	Benzene	U	0.333	ug/L	0.333	1.00	1.00
79-01-6	Trichloroethene	U	0.333	ug/L	0.333	1.00	1.00
	Trichloroethylene						
108-10-1	4-Methyl-2-pentanone	U	1.67	ug/L	1.67	5.00	10.0
108-88-3	Toluene	U	0.333	ug/L	0.333	1.00	5.00
79-00-5	1,1,2-Trichloroethane	U	0.333	ug/L	0.333	1.00	5.00
127-18-4	Tetrachloroethene	U	0.333	ug/L	0.333	1.00	5.00
	Tetrachloroethylene						
108-90-7	Chlorobenzene	U	0.333	ug/L	0.333	1.00	5.00
100-41-4	Ethylbenzene	U	0.333	ug/L	0.333	1.00	5.00
1330-20-7	Xylenes (total)	U	1.00	ug/L	1.00	3.00	10.0

Quality Control Summary

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: May 11, 2026

Central Plateau Cleanup Company
200 East / MO-277 / 108
PO Box 1600
Richland, Washington

Contact: **Ms. Heather Medley**

Workorder: **773225**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2984253										
QC1206447816 LCS										
1,1,1-Trichloroethane	50.0			50.3	ug/L		101	(74%-126%)	JM6	04/24/26 07:47
1,1,2-Trichloroethane	50.0			45.5	ug/L		91	(74%-120%)		
1,1-Dichloroethane	50.0			48.0	ug/L		96	(79%-126%)		
1,1-Dichloroethene	50.0			55.2	ug/L		110	(74%-142%)		
1,2-Dichloroethane	50.0			51.4	ug/L		103	(67%-124%)		
2-Butanone	250			250	ug/L		100	(65%-129%)		
4-Methyl-2-pentanone	250			258	ug/L		103	(70%-127%)		
Acetone	250			212	ug/L		85	(57%-134%)		
Benzene	50.0			46.4	ug/L		93	(76%-120%)		
Carbon disulfide	250			252	ug/L		101	(71%-144%)		
Carbon tetrachloride	50.0			50.8	ug/L		102	(73%-134%)		
Chlorobenzene	50.0			43.8	ug/L		88	(75%-120%)		

GEL LABORATORIES LLC
2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Workorder: **773225**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2984253										
Chloroform	50.0			49.0	ug/L		98	(77%-120%)	JM6	04/24/26 07:47
Ethylbenzene	50.0			47.4	ug/L		95	(74%-120%)		
Methylene chloride	50.0			43.4	ug/L		87	(71%-131%)		
Tetrachloroethene	50.0			47.0	ug/L		94	(69%-127%)		
Toluene	50.0			45.7	ug/L		91	(74%-120%)		
Trichloroethene	50.0			50.8	ug/L		102	(77%-122%)		
Vinyl chloride	50.0			51.3	ug/L		103	(57%-154%)		
Xylenes (total)	150			152	ug/L		101	(76%-120%)		
**1,2-Dichloroethane-d4	50.0			56.4	ug/L		113	(71%-131%)		
**Bromofluorobenzene	50.0			49.6	ug/L		99	(77%-123%)		
**Toluene-d8	50.0			49.0	ug/L		98	(77%-121%)		
QC1206447818 MB										
1,1,1-Trichloroethane			U	0.333	ug/L					04/24/26 09:29
1,1,2-Trichloroethane			U	0.333	ug/L					
1,1-Dichloroethane			U	0.333	ug/L					

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QC Summary

Workorder: **773225**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2984253										
1,1-Dichloroethene			U	0.333	ug/L				JM6	04/24/26 09:29
1,2-Dichloroethane			U	0.333	ug/L					
2-Butanone			U	1.67	ug/L					
4-Methyl-2-pentanone			U	1.67	ug/L					
Acetone			U	1.74	ug/L					
Benzene			U	0.333	ug/L					
Carbon disulfide			U	1.67	ug/L					
Carbon tetrachloride			U	0.333	ug/L					
Chlorobenzene			U	0.333	ug/L					
Chloroform			U	0.333	ug/L					
Ethylbenzene			U	0.333	ug/L					
Methylene chloride			J	0.540	ug/L					
Tetrachloroethene			U	0.333	ug/L					
Toluene			U	0.333	ug/L					

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QC Summary

Workorder: **773225**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2984253											
Trichloroethene				U	0.333	ug/L				JM6	04/24/26 09:29
Vinyl chloride				U	0.333	ug/L					
Xylenes (total)				U	1.00	ug/L					
**1,2-Dichloroethane-d4	50.0				53.6	ug/L		107	(71%-131%)		
**Bromofluorobenzene	50.0				50.1	ug/L		100	(77%-123%)		
**Toluene-d8	50.0				49.0	ug/L		98	(77%-121%)		
QC1206447819 772538012 MS											
1,1,1-Trichloroethane	50.0	U	0.333		47.6	ug/L		95	(60%-123%)		04/24/26 15:26
1,1,2-Trichloroethane	50.0	U	0.333		46.5	ug/L		93	(62%-123%)		
1,1-Dichloroethane	50.0	U	0.333		46.8	ug/L		94	(66%-128%)		
1,1-Dichloroethene	50.0	U	0.333		49.0	ug/L		98	(59%-138%)		
1,2-Dichloroethane	50.0	U	0.333		52.5	ug/L		105	(58%-130%)		
2-Butanone	250	U	1.67		222	ug/L		89	(59%-136%)		
4-Methyl-2-pentanone	250	U	1.67		239	ug/L		96	(63%-135%)		
Acetone	250	U	1.74		196	ug/L		78	(50%-140%)		

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QC Summary

Workorder: **773225**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2984253											
Benzene	50.0	U	0.333		44.6	ug/L		89	(64%-119%)	JM6	04/24/26 15:26
Carbon disulfide	250	U	1.67		247	ug/L		99	(60%-139%)		
Carbon tetrachloride	50.0		7.92		55.6	ug/L		95	(60%-127%)		
Chlorobenzene	50.0	U	0.333		43.5	ug/L		87	(61%-120%)		
Chloroform	50.0	J	0.590		49.1	ug/L		97	(64%-122%)		
Ethylbenzene	50.0	U	0.333		46.0	ug/L		92	(57%-122%)		
Methylene chloride	50.0	J	0.980		43.8	ug/L		86	(61%-135%)		
Tetrachloroethene	50.0	U	0.333		43.0	ug/L		86	(53%-124%)		
Toluene	50.0	U	0.333		44.8	ug/L		90	(60%-120%)		
Trichloroethene	50.0	U	0.333		46.2	ug/L		92	(59%-126%)		
Vinyl chloride	50.0	U	0.333		46.4	ug/L		93	(42%-155%)		
Xylenes (total)	150	U	1.00		150	ug/L		100	(56%-125%)		
**1,2-Dichloroethane-d4	50.0		55.3		56.6	ug/L		113	(71%-131%)		
**Bromofluorobenzene	50.0		50.0		48.0	ug/L		96	(77%-123%)		

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QC Summary

Workorder: **773225**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2984253											
**Toluene-d8	50.0		49.2		50.3	ug/L		101	(77%-121%)	JM6	04/24/26 15:26
QC1206447820 772538012 MSD											
1,1,1-Trichloroethane	50.0	U	0.333		47.3	ug/L	1	95	(0%-20%)		04/24/26 15:51
1,1,2-Trichloroethane	50.0	U	0.333		46.6	ug/L	0	93	(0%-20%)		
1,1-Dichloroethane	50.0	U	0.333		46.3	ug/L	1	93	(0%-20%)		
1,1-Dichloroethene	50.0	U	0.333		50.8	ug/L	4	102	(0%-20%)		
1,2-Dichloroethane	50.0	U	0.333		51.5	ug/L	2	103	(0%-20%)		
2-Butanone	250	U	1.67		240	ug/L	8	96	(0%-20%)		
4-Methyl-2-pentanone	250	U	1.67		257	ug/L	7	103	(0%-20%)		
Acetone	250	U	1.74		210	ug/L	7	84	(0%-20%)		
Benzene	50.0	U	0.333		45.2	ug/L	1	90	(0%-20%)		
Carbon disulfide	250	U	1.67		244	ug/L	1	98	(0%-20%)		
Carbon tetrachloride	50.0		7.92		54.1	ug/L	3	92	(0%-20%)		
Chlorobenzene	50.0	U	0.333		42.2	ug/L	3	84	(0%-20%)		
Chloroform	50.0	J	0.590		48.1	ug/L	2	95	(0%-20%)		

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QC Summary

Workorder: **773225**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2984253											
Ethylbenzene	50.0	U	0.333		44.8	ug/L	3	90	(0%-20%)	JM6	04/24/26 15:51
Methylene chloride	50.0	J	0.980		43.4	ug/L	1	85	(0%-20%)		
Tetrachloroethene	50.0	U	0.333		42.7	ug/L	1	85	(0%-20%)		
Toluene	50.0	U	0.333		44.7	ug/L	0	89	(0%-20%)		
Trichloroethene	50.0	U	0.333		46.6	ug/L	1	93	(0%-20%)		
Vinyl chloride	50.0	U	0.333		49.4	ug/L	6	99	(0%-20%)		
Xylenes (total)	150	U	1.00		146	ug/L	3	97	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		55.3		57.6	ug/L		115	(71%-131%)		
**Bromofluorobenzene	50.0		50.0		49.1	ug/L		98	(77%-123%)		
**Toluene-d8	50.0		49.2		49.7	ug/L		99	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

U U Analyzed for but not detected above the MDL, MDA, MDC or LOD.

J J The analyte was detected at a value less than the contract required detection limit (RDL), but greater than or equal to the IDL/MDL (as appropriate).Value is estimated

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QC Summary

Workorder: **773225**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Surrogate Recovery Report

SDG Number: GEL773225

Matrix Type: LIQUID

Sample ID	Client ID	DCED4 %REC	TOL %REC	BFB %REC
1206447816	LCS for batch	113	98	99
1206447818	MB for batch	107	98	100
773225001	B4NVJ9	110	100	100
1206447819	B4T9B4MS	113	101	96
1206447820	B4T9B4MSD	115	99	98

Surrogate		Acceptance Limits
DCED4	= 1,2-Dichloroethane-d4	(71%-131%)
TOL	= Toluene-d8	(77%-121%)
BFB	= Bromofluorobenzene	(77%-123%)

* Recovery outside Acceptance Limits
# Column to be used to flag recovery values
D Sample Diluted