

DATA PACKAGE

METALS
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : SHARKEY LANDFILL SITE FYR REUSE MORRIS COUNTY NJ

WSP USA INC.

401 Route 73 North Suite 205

Marlton, NJ - 08053

Phone No: 856-793-2005

ORDER ID : Q3688

ATTENTION : Tricia Landes



Laboratory Certification ID # 20012



Table Of Contents for Q3688

1) Signature Page	3
2) Case Narrative	4
3) Qualifier Page	10
4) QA Checklist	12
5) VOC-SFAM Data	13
6) SVOCMS Group1 Data	149
7) SVOC-SIMGroup1 Data	236
8) Metals-AES Data	300
9) Shipping Document	368
9.1) CHAIN OF CUSTODY	369
9.2) Lab Certificate	373
9.3) Internal COC	374
9.4) Sample Log-In Sheet	381

1
2
3
4
5
6
7
8
9

Cover Page

Order ID : Q3688

Project ID : Sharkey Landfill Site FYR Reuse Morris County NJ

Client : WSP USA Inc.

Lab Sample Number

Q3688-01
Q3688-02
Q3688-03
Q3688-04
Q3688-05
Q3688-06
Q3688-07
Q3688-09
Q3688-10
Q3688-11
Q3688-12
Q3688-13
Q3688-14
Q3688-15
Q3688-16
Q3688-17
Q3688-18
Q3688-19
Q3688-20
Q3688-21
Q3688-22
Q3688-23
Q3688-24

Client Sample Number

M-31S
M-31SMS
M-31SMSD
RBGW-20251119
TBGW-20251119
M-32I
VHBLK001
M-31I
M-32S
RBGW-20251120
M-30S
M-30I
TBGW-20251120
FDGW-20251120
WS-14
M-29
RBGW-20251121
M-28I
WS-1
TBGW-20251121
RBGW-20251124
M-28S
TBGW-20251124

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 12/16/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

WSP USA Inc.

Project Name: Sharkey Landfill Site FYR Reuse Morris County NJ

Project # N/A

Order ID # Q3688

Test Name: VOC-SFAM,SVOCMS Group1,SVOC-SIMGroup1, Mercury,Metals CLP12

A. Number of Samples and Date of Receipt:

7 Water samples were received on 11/19/2025.

7 Water samples were received on 11/20/2025.

6 Water samples were received on 11/21/2025.

3 Water samples were received on 11/24/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-SFAM,SVOCMS Group1,SVOC-SIMGroup1, Mercury,Metals CLP12. This data package contains results for VOC-SFAM(SFAM_VOC),SVOCMS Group1 (SFAM_SVOC) ,SVOC-SIMGroup1(SFAM_SVOASIM), Mercury,Metals CLP12.

VOC –Low Medium:

C. Analytical Techniques:

The analysis performed on instrument MSVOA_U were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOC-SFAM was based on method SFAM_VOC.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS {Q3688-02MS} with File ID: VU063768.D recoveries met the requirements for all compounds.

The MSD {Q3688-03MSD} with File ID: VU063769.D recoveries met the acceptable requirements.

The RPD met criteria.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

The Tuning criteria met requirements.

E. Low/Med Water Level Calculation

$$\text{Concentration in ug/L} = \frac{(A_x) (I_s) (DF)}{(A_{is}) (RRF) (V_o)}$$

Where,

A_x = Area of the characteristic ion (EICP) for the compound to be measured.

A_{is} = Area of the characteristic ion (EICP) for the internal standard.

Amount of internal standard added in ng.

RRF = Mean Relative Response Factor from the initial calibration standard.

V_o = Total volume of water purged, in mL.

DF = Dilution Factor.

Semivolatile:

C. Analytical Techniques:

The samples were analyzed on instrument BNA_G using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOCMS Group1 was based on method SFAM_SVOC and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for,

M-31S [4-Methylphenol-d8 - 11%],

M-32I [4-Methylphenol-d8 - 23%] and

SLCS723 [1,4-Dioxane-d8 - 128%,]. Failed surrogate is not associated with reporting list so no further corrective action was taken.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

The Continuous Calibration File ID BG064869.D met the requirements except for 1,4-Dioxane-d8. Failed surrogate in Continuous Calibration is not associated with reporting list, Therefore no further corrective action was taken.

The Tuning criteria met requirements.

E. Concentration of Water Sample:

$$\text{Concentration ug/L} = \frac{(A_x) (I_s) (V_t) (DF) (GPC)}{(A_{is}) (\overline{RRF}) (V_o) (V_i)}$$

Where,

A_x = Area of the characteristic ion for the compound to be measured.

A_{is} = Area of the characteristic ion for the internal standard.

I_s = Amount of internal standard injected in ng.

V_o = Volume of water extracted in mL.

V_i = Volume of extract injected in uL.

V_t = Volume of the concentrated extract in uL

RRF = Mean Relative Response Factor determined from the initial calibration standard.

GPC = $\frac{V_{in}}{V_{out}}$ = GPC factor (If no GPC is performed, GPC=1)

V_{out} = Volume of extract collected after GPC cleanup.

Semivolatile SIM :

C. Analytical Techniques:

The samples were analyzed on instrument BNA_N using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-SIMGroup1 was based on method SFAM_SVOASIM and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis except for, SLCS742, Failed internal standard is not associated with reporting list. Therefore no further corrective action was taken.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

Sample M-28S was diluted due to high concentration.

The Sample M-29 and M-32I have the concentration of target compound below method detection limits; therefore it is not reported as Hit in Form1.

E. Concentration of Water Sample:

Concentration ug/L = $\frac{(A_x) (I_s) (V_t) (DF) (GPC)}{(A_{is}) (\overline{RRF}) (V_o) (V_i)}$

Where,

A_x = Area of the characteristic ion for the compound to be measured.

A_{is} = Area of the characteristic ion for the internal standard.

I_s = Amount of internal standard injected in ng.

V_o = Volume of water extracted in mL.

V_i = Volume of extract injected in uL.

V_t = Volume of the concentrated extract in uL

RRF = Mean Relative Response Factor determined from the initial calibration standard.

GPC = $\frac{V_{in}}{V_{out}}$ = GPC factor (If no GPC is performed, GPC=1)

V_{out} = Volume of extract collected after GPC cleanup.

Mercury, Metals CLP12 :

C. Analytical Techniques:

Mercury, Metals CLP12 : The analysis of Metals CLP12 was based on method SFAM_AES, digestion based on method 3010 (waters). The analysis of Mercury was based on method SFAM_HG and digestion was based on method 7470A (waters).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The Serial Dilution met criteria for all compounds.

284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

E. Calculation:

Calculation for ICP-AES Water Sample:

$$\text{Concentration or Result } (\mu\text{g/L}) = C \times \frac{V_f}{V_i} \times \text{DF} \times 1000$$

Where,

C = Instrument value in ppm (The average of all replicate exposures)

V_f = Final digestion volume (mL)

V_i = Initial aliquot amount (mL) (Sample amount taken in prep)

DF = Dilution Factor

Example Calculation For Sample M-31S For Chromium:

If C = 0.0006719 ppm

V_f = 50 ml

V_i = 50 ml

DF = 1

$$\begin{aligned} \text{Concentration or Result } (\mu\text{g/L}) &= 0.0006719 \times \frac{50}{50} \times 1 \times 1000 \\ &= 0.6719 \mu\text{g/L} \\ &= 0.67 \mu\text{g/L} \text{ (Reported Result with Signification)} \end{aligned}$$

Calculation for Hg Water Sample:

$$\text{Concentration or Result } (\mu\text{g/L}) = C \times \text{DF}$$

Where,

C = Instrument response in μg/L from the calibration curve.

DF = Dilution Factor

Example Calculation :

If, C = 0.0278 ppb

DF = 1

$$\begin{aligned} \text{Concentration or Result } (\mu\text{g/L}) &= 0.0278 \times 1 \\ &= 0.0278 \mu\text{g/L} \\ &= 0.028 \mu\text{g/L} \text{ (Reported Result with Signification)} \end{aligned}$$



284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3688

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 12/16/2025

LAB CHRONICLE

OrderID:	Q3688	OrderDate:	11/19/2025 4:37:47 PM
Client:	WSP USA Inc.	Project:	Sharkey Landfill Site FYR Reuse Morris County NJ
Contact:	Tricia Landes	Location:	D41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3688-01	M-31S	Water	VOC-SFAM	SFAM_VOC	11/19/25		11/21/25	11/19/25
Q3688-04	RBGW-20251119	Water	VOC-SFAM	SFAM_VOC	11/19/25		11/21/25	11/19/25
Q3688-05	TBGW-20251119	Water	VOC-SFAM	SFAM_VOC	11/19/25		11/21/25	11/19/25
Q3688-06	M-32I	Water	VOC-SFAM	SFAM_VOC	11/19/25		11/21/25	11/19/25
Q3688-07	VHBLK001	Water	VOC-SFAM	SFAM_VOC	11/19/25		11/24/25	11/19/25
Q3688-09	M-31I	Water	VOC-SFAM	SFAM_VOC	11/20/25		11/21/25	11/20/25
Q3688-10	M-32S	Water	VOC-SFAM	SFAM_VOC	11/20/25		11/21/25	11/20/25
Q3688-11	RBGW-20251120	Water	VOC-SFAM	SFAM_VOC	11/20/25		11/21/25	11/20/25
Q3688-12	M-30S	Water	VOC-SFAM	SFAM_VOC	11/20/25		11/21/25	11/20/25
Q3688-13	M-30I	Water	VOC-SFAM	SFAM_VOC	11/20/25		11/21/25	11/20/25
Q3688-14	TBGW-20251120	Water	VOC-SFAM	SFAM_VOC	11/20/25		11/21/25	11/20/25
Q3688-15	FDGW-20251120	Water			11/20/25			11/20/25

LAB CHRONICLE

			VOC-SFAM	SFAM_VOC	11/21/25	
Q3688-16	WS-14	Water			11/21/25	11/21/25
			VOC-SFAM	SFAM_VOC	11/24/25	
Q3688-17	M-29	Water			11/21/25	11/21/25
			VOC-SFAM	SFAM_VOC	11/24/25	
Q3688-18	RBGW-20251121	Water			11/21/25	11/21/25
			VOC-SFAM	SFAM_VOC	11/24/25	
Q3688-19	M-28I	Water			11/21/25	11/21/25
			VOC-SFAM	SFAM_VOC	11/24/25	
Q3688-20	WS-1	Water			11/21/25	11/21/25
			VOC-SFAM	SFAM_VOC	11/24/25	
Q3688-21	TBGW-20251121	Water			11/21/25	11/21/25
			VOC-SFAM	SFAM_VOC	11/24/25	
Q3688-22	RBGW-20251124	Water			11/24/25	11/24/25
			VOC-SFAM	SFAM_VOC	11/24/25	
Q3688-23	M-285	Water			11/24/25	11/24/25
			VOC-SFAM	SFAM_VOC	11/24/25	
Q3688-24	TBGW-20251124	Water			11/24/25	11/24/25
			VOC-SFAM	SFAM_VOC	11/24/25	

Hit Summary Sheet SW-846

SDG No.: Q3688
Client: WSP USA Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q3688-04	RBGW-20251119 RBGW-20251119	Water	Acetone	4.1	J	3.1	10	ug/L
			Total Voc :	4.1				
			Total Concentration:	4.1				
Client ID: Q3688-06	M-32I M-32I	Water	Acetone	3.2	J	3.1	10	ug/L
			Total Voc :	3.2				
			Total Concentration:	3.2				
Client ID: Q3688-23	M-285 M-285	Water	1,1-Dichloroethane	1.5	J	1.2	5.0	ug/L
			Total Voc :	1.5				
			Total Concentration:	1.5				



SAMPLE DATA

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-01
Lab File ID : VU063763.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-01
Lab File ID : VU063763.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-01
Lab File ID : VU063763.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-31S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-01
Lab File ID : VU063763.D
Date Received : 11/19/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251119

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-04
Lab File ID : VU063757.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	4.1	J
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251119

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-04
Lab File ID : VU063757.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251119

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-04
Lab File ID : VU063757.D
Date Received : 11/19/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RBGW-20251119

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-04
Lab File ID : VU063757.D
Date Received : 11/19/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

TBGW-20251119

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-05
Lab File ID : VU063758.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

TBGW-20251119

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-05
Lab File ID : VU063758.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

TBGW-20251119

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-05
Lab File ID : VU063758.D
Date Received : 11/19/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TBGW-20251119

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-05
Lab File ID : VU063758.D
Date Received : 11/19/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (μL)
Extraction Type : PT
Injection Volume : (μL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-32I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-06
Lab File ID : VU063759.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	3.2	J
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-32I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-06
Lab File ID : VU063759.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-32I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-06
Lab File ID : VU063759.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-32I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-06
Lab File ID : VU063759.D
Date Received : 11/19/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

VHBLK001

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-07
Lab File ID : VU063787.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

VHBLK001

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-07
Lab File ID : VU063787.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

VHBLK001

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-07
Lab File ID : VU063787.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VHBLK001

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-07
Lab File ID : VU063787.D
Date Received : 11/19/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (μL)
Extraction Type : PT
Injection Volume : (μL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-09
Lab File ID : VU063764.D
Date Received : 11/20/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-09
Lab File ID : VU063764.D
Date Received : 11/20/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-09
Lab File ID : VU063764.D
Date Received : 11/20/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-31I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-09
Lab File ID : VU063764.D
Date Received : 11/20/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-32S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-10
Lab File ID : VU063765.D
Date Received : 11/20/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-32S

Lab Name : Alliance Technical Group, LLC
 Lab Code: ACE Case No.: Sharkey Land
 Analytical Method : VOA_Low_Med
 Matrix : Water
 Sample wt/vol : 5.0 (g/mL) mL
 % Solids : _____
 GC Column : DB-624UI ID : 0.18 (mm)
 GC Column : _____ ID : _____ (mm)
 Extract Concentrated : (Y/N) _____
 Soil Aliquot (VOA) : _____ (µL)
 Heated Purge : (Y/N) N
 Purge Volume : 5 (mL)
 Cleanup Types : _____
 Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
 MA No. : _____ SDG No.: Q3688
 Level : _____
 Lab Sample ID : Q3688-10
 Lab File ID : VU063765.D
 Date Received : 11/20/2025
 Date Extracted : _____
 Date Analyzed : 11/21/2025
 Extract Volume : _____ (µL)
 Extraction Type : PT
 Injection Volume : _____ (µL)
 pH : 1.0 Dilution Factor : 1.0
 Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-32S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-10
Lab File ID : VU063765.D
Date Received : 11/20/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-32S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-10
Lab File ID : VU063765.D
Date Received : 11/20/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (μL)
Extraction Type : PT
Injection Volume : (μL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-11
Lab File ID : VU063760.D
Date Received : 11/20/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-11
Lab File ID : VU063760.D
Date Received : 11/20/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-11
Lab File ID : VU063760.D
Date Received : 11/20/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RBGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-11
Lab File ID : VU063760.D
Date Received : 11/20/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (μL)
Extraction Type : PT
Injection Volume : (μL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-30S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-12
Lab File ID : VU063766.D
Date Received : 11/20/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-30S

Lab Name : Alliance Technical Group, LLC
 Lab Code: ACE Case No.: Sharkey Land
 Analytical Method : VOA_Low_Med
 Matrix : Water
 Sample wt/vol : 5.0 (g/mL) mL
 % Solids : _____
 GC Column : DB-624UI ID : 0.18 (mm)
 GC Column : _____ ID : _____ (mm)
 Extract Concentrated : (Y/N) _____
 Soil Aliquot (VOA) : _____ (µL)
 Heated Purge : (Y/N) N
 Purge Volume : 5 (mL)
 Cleanup Types : _____
 Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
 MA No. : _____ SDG No.: Q3688
 Level : _____
 Lab Sample ID : Q3688-12
 Lab File ID : VU063766.D
 Date Received : 11/20/2025
 Date Extracted : _____
 Date Analyzed : 11/21/2025
 Extract Volume : _____ (µL)
 Extraction Type : PT
 Injection Volume : _____ (µL)
 pH : 1.0 Dilution Factor : 1.0
 Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-30S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-12
Lab File ID : VU063766.D
Date Received : 11/20/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-30S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-12
Lab File ID : VU063766.D
Date Received : 11/20/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-30I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-13
Lab File ID : VU063767.D
Date Received : 11/20/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-30I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-13
Lab File ID : VU063767.D
Date Received : 11/20/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-30I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-13
Lab File ID : VU063767.D
Date Received : 11/20/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-30I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-13
Lab File ID : VU063767.D
Date Received : 11/20/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

TBGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-14
Lab File ID : VU063761.D
Date Received : 11/20/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

TBGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-14
Lab File ID : VU063761.D
Date Received : 11/20/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

TBGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-14
Lab File ID : VU063761.D
Date Received : 11/20/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TBGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-14
Lab File ID : VU063761.D
Date Received : 11/20/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

FDGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-15
Lab File ID : VU063762.D
Date Received : 11/20/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

FDGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-15
Lab File ID : VU063762.D
Date Received : 11/20/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

FDGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-15
Lab File ID : VU063762.D
Date Received : 11/20/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FDGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-15
Lab File ID : VU063762.D
Date Received : 11/20/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

WS-14

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-16
Lab File ID : VU063781.D
Date Received : 11/21/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

WS-14

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-16
Lab File ID : VU063781.D
Date Received : 11/21/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

WS-14

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-16
Lab File ID : VU063781.D
Date Received : 11/21/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

WS-14

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-16
Lab File ID : VU063781.D
Date Received : 11/21/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (μL)
Extraction Type : PT
Injection Volume : (μL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-29

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-17
Lab File ID : VU063782.D
Date Received : 11/21/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-29

Lab Name : Alliance Technical Group, LLC

Lab Code: ACE Case No.: Sharkey Land

Analytical Method : VOA_Low_Med

Matrix : Water

Sample wt/vol : 5.0 (g/mL) mL

% Solids :

GC Column : DB-624UI ID : 0.18 (mm)

GC Column : ID : (mm)

Extract Concentrated : (Y/N)

Soil Aliquot (VOA) : (µL)

Heated Purge : (Y/N) N

Purge Volume : 5 (mL)

Cleanup Types :

Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011

MA No. : SDG No.: Q3688

Level :

Lab Sample ID : Q3688-17

Lab File ID : VU063782.D

Date Received : 11/21/2025

Date Extracted :

Date Analyzed : 11/24/2025

Extract Volume : (µL)

Extraction Type : PT

Injection Volume : (µL)

pH : 1.0 Dilution Factor : 1.0

Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-29

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-17
Lab File ID : VU063782.D
Date Received : 11/21/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-29

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-17
Lab File ID : VU063782.D
Date Received : 11/21/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (μL)
Extraction Type : PT
Injection Volume : (μL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251121

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-18
Lab File ID : VU063777.D
Date Received : 11/21/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251121

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-18
Lab File ID : VU063777.D
Date Received : 11/21/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251121

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-18
Lab File ID : VU063777.D
Date Received : 11/21/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RBGW-20251121

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-18
Lab File ID : VU063777.D
Date Received : 11/21/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-28I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-19
Lab File ID : VU063783.D
Date Received : 11/21/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-28I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-19
Lab File ID : VU063783.D
Date Received : 11/21/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-28I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-19
Lab File ID : VU063783.D
Date Received : 11/21/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-28I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-19
Lab File ID : VU063783.D
Date Received : 11/21/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (μL)
Extraction Type : PT
Injection Volume : (μL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

WS-1

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-20
Lab File ID : VU063784.D
Date Received : 11/21/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

WS-1

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-20
Lab File ID : VU063784.D
Date Received : 11/21/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

WS-1

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-20
Lab File ID : VU063784.D
Date Received : 11/21/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

WS-1

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-20
Lab File ID : VU063784.D
Date Received : 11/21/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

TBGW-20251121

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-21
Lab File ID : VU063778.D
Date Received : 11/21/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

TBGW-20251121

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-21
Lab File ID : VU063778.D
Date Received : 11/21/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

TBGW-20251121

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-21
Lab File ID : VU063778.D
Date Received : 11/21/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TBGW-20251121

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-21
Lab File ID : VU063778.D
Date Received : 11/21/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251124

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-22
Lab File ID : VU063779.D
Date Received : 11/24/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251124

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-22
Lab File ID : VU063779.D
Date Received : 11/24/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251124

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-22
Lab File ID : VU063779.D
Date Received : 11/24/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RBGW-20251124

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-22
Lab File ID : VU063779.D
Date Received : 11/24/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (μL)
Extraction Type : PT
Injection Volume : (μL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

	CAS NO.	ANALYTE	RT	EST. CONC.	Q
1	E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-285

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-23
Lab File ID : VU063785.D
Date Received : 11/24/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	1.5	J
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-285

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-23
Lab File ID : VU063785.D
Date Received : 11/24/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-285

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-23
Lab File ID : VU063785.D
Date Received : 11/24/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-285

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-23
Lab File ID : VU063785.D
Date Received : 11/24/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (μL)
Extraction Type : PT
Injection Volume : (μL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

TBGW-20251124

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-24
Lab File ID : VU063780.D
Date Received : 11/24/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

TBGW-20251124

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-24
Lab File ID : VU063780.D
Date Received : 11/24/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

TBGW-20251124

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-24
Lab File ID : VU063780.D
Date Received : 11/24/2025
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TBGW-20251124

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-24
Lab File ID : VU063780.D
Date Received : 11/24/2025
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)



QC SUMMARY

FORM 2A-OR
DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code : ACE Case No.: Sharkey La MA No.: _____ SDG No.: Q3688
 Analytical Method : VOA Level : _____
 Matrix : Water

EPA Sample No .	DMC1 (VCL)	DMC2 (CLA)	DMC3 (DCE)	DMC4 (BUT)	DMC5 (CLF)	DMC6 (DCA)	DMC7 (BEN)	DMC8 (DPA)
VBLK130	90	94	72	92	92	97	98	98
RBGW-20251119	91	94	74	90	92	96	96	98
TBGW-20251119	88	92	70	86	89	94	92	91
M-32I	88	93	70	83	91	95	91	92
RBGW-20251120	92	97	74	89	96	99	97	97
TBGW-20251120	93	98	74	86	95	100	99	98
FDGW-20251120	86	90	69	83	89	92	91	93
M-31S	83	88	66	80	88	92	89	93
M-31I	82	87	65	80	84	87	89	89
M-32S	87	90	68	84	90	95	95	96
M-30S	88	95	72	89	95	99	95	93
M-30I	84	89	68	81	88	93	94	94
M-31SMS	90	93	94	95	99	97	91	91
M-31SMSD	85	88	91	93	95	95	88	90
VBLK132	85	91	69	86	93	97	96	99
RBGW-20251121	89	95	72	91	98	103	100	101
TBGW-20251121	80	87	67	84	89	96	94	96
RBGW-20251124	84	93	70	87	97	98	96	100
TBGW-20251124	80	86	66	86	90	95	90	93
WS-14	84	92	70	89	95	101	100	101
M-29	84	91	69	92	95	98	96	99
M-28I	84	91	69	93	97	101	100	104
WS-1	83	93	68	85	95	101	98	100
M-285	78	86	64	83	91	94	91	97
VHBLK001	86	94	72	98	99	104	101	101

QC LIMITS

DMC1 (VCL) = Vinyl Chloride-d3	(60-135)
DMC2 (CLA) = Chloroethane-d5	(70-130)
DMC3 (DCE) = 1,1-Dichloroethene-d2	(60-125)
DMC4 (BUT) = 2-Butanone-d5	(40-130)
DMC5 (CLF) = Chloroform-d	(70-125)
DMC6 (DCA) = 1,2-Dichloroethane-d4	(70-125)
DMC7 (BEN) = Benzene-d6	(70-125)
DMC8 (DPA) = 1,2-Dichloropropane-d6	(70-120)

FORM 2B-OR
DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code : ACE Case No.: Sharkey Lar MA No.: _____ SDG No.: Q3688
 Analytical Method : VOA Level : _____
 Matrix : Water

EPA Sample No .	DMC9 (TOL)	DMC10 (TDP)	DMC11 (HEX)	DMC12 (TCA)	DMC13 (DCZ)	DMC14	DMC15	DMC16	TOT OUT
VBLK130	93	85	93	96	101				0
RBGW-20251119	95	86	86	96	100				0
TBGW-20251119	88	80	83	91	96				0
M-32I	89	79	83	90	97				0
RBGW-20251120	93	85	87	94	100				0
TBGW-20251120	97	88	89	96	103				0
FDGW-20251120	89	81	85	91	98				0
M-31S	87	76	81	88	95				0
M-31I	85	77	82	87	94				0
M-32S	92	79	87	95	99				0
M-30S	93	83	87	92	100				0
M-30I	90	80	85	91	98				0
M-31SMS	90	86	95	95	97				0
M-31SMSD	90	84	94	95	92				0
VBLK132	93	90	88	97	99				0
RBGW-20251121	95	93	92	102	106				0
TBGW-20251121	90	86	85	95	99				0
RBGW-20251124	93	87	89	99	103				0
TBGW-20251124	86	82	84	91	97				0
WS-14	95	87	86	100	103				0
M-29	92	84	84	95	101				0
M-28I	94	87	87	101	106				0
WS-1	93	86	84	99	106				0
M-285	89	84	83	95	99				0
VHBLK001	97	86	96	104	109				0

QC LIMITS

DMC9 (TOL) = Toluene-d8	(80-120)
DMC10 (TDP) = trans-1,3-Dichloropropene-d4	(60-125)
DMC11 (HEX) = 2-Hexanone-d5	(45-130)
DMC12 (TCA) = 1,1,2,2-Tetrachloroethane-d2	(65-120)
DMC13 (DCZ) = 1,2-Dichlorobenzene-d4	(80-120)

FORM 3A-OR
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code : ACE Case No. : Sharkey Lab MA No. : _____ SDG No. : Q3688
 Analytical Method : VOA Level : _____
 Matrix Water
 EPA Sample No. (Matrix Spike/Matrix Spike Duplicate): M-31S
 Instrument ID : MSVOA_U GC Column DB-624UI ID : 0.18 (mm)
 Concentration Units (ug/L,mg/L ug/kg): ug/L

ANALYTE	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS %R #	QC Limits %R
Dichlorodifluoromethane	50	0	50	100	0 - 0
Chloromethane	50	0	47	94	0 - 0
Vinyl Chloride	50	0	50	100	0 - 0
Bromomethane	50	0	52	104	0 - 0
Chloroethane	50	0	50	100	0 - 0
Trichlorofluoromethane	50	0	52	104	0 - 0
1,1-Dichloroethene	50	0	49	98	61 - 145
1,1,2-Trichloro-1,2,2-trifluoro	50	0	50	100	0 - 0
Acetone	100	0	59	59	0 - 0
Carbon disulfide	50	0	41	82	0 - 0
Methyl acetate	50	0	51	102	0 - 0
Methylene chloride	50	0	50	100	0 - 0
trans-1,2-Dichloroethene	50	0	49	98	0 - 0
Methyl tert-Butyl ether	50	0	51	102	0 - 0
1,1-Dichloroethane	50	0	50	100	0 - 0
cis-1,2-Dichloroethene	50	0	50	100	0 - 0
2-Butanone	100	0	76	76	0 - 0
Bromochloromethane	50	0	52	104	0 - 0
Chloroform	50	0	52	104	0 - 0
1,1,1-Trichloroethane	50	0	48	96	0 - 0
Cyclohexane	50	0	48	96	0 - 0
Carbon Tetrachloride	50	0	49	98	0 - 0
Benzene	50	0	50	100	76 - 127
1,2-Dichloroethane	50	0	53	106	0 - 0
Trichloroethene	50	0	49	98	71 - 120
Methylcyclohexane	50	0	47	94	0 - 0
1,2-Dichloropropane	50	0	51	102	0 - 0
Bromodichloromethane	50	0	49	98	0 - 0
cis-1,3-Dichloropropene	50	0	47	94	0 - 0
4-Methyl-2-pentanone	100	0	100	100	0 - 0
Toluene	50	0	50	100	76 - 125
trans-1,3-Dichloropropene	50	0	44	88	0 - 0
1,1,2-Trichloroethane	50	0	49	98	0 - 0
Tetrachloroethene	50	0	48	96	0 - 0
2-Hexanone	100	0	92	92	0 - 0
Dibromochloromethane	50	0	46	92	0 - 0
1,2-Dibromoethane	50	0	49	98	0 - 0
Chlorobenzene	50	0	49	98	75 - 130
Ethylbenzene	50	0	49	98	0 - 0
o-Xylene	50	0	50	100	0 - 0
m,p-Xylene	50	0	49	98	0 - 0
Styrene	50	0	50	100	0 - 0
Bromoform	50	0	44	88	0 - 0

FORM 3A-OR
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code : ACE Case No. : Sharkey Lab MA No. : _____ SDG No. : Q3688
 Analytical Method : VOA Level : _____
 Matrix Water
 EPA Sample No. (Matrix Spike/Matrix Spike Duplicate): M-31S
 Instrument ID : MSVOA_U GC Column DB-624UI ID : 0.18 (mm)
 Concentration Units (ug/L,mg/L ug/kg): ug/L

ANALYTE	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS %R #	QC Limits %R
Isopropylbenzene	50	0	46	92	0 - 0
1,2,3-Trichloropropane	50	0	48	96	0 - 0
1,1,2,2-Tetrachloroethane	50	0	49	98	0 - 0
1,3-Dichlorobenzene	50	0	45	90	0 - 0
1,4-Dichlorobenzene	50	0	45	90	0 - 0
1,2-Dichlorobenzene	50	0	46	92	0 - 0
1,2-Dibromo-3-chloropropane	50	0	45	90	0 - 0
1,2,4-Trimethylbenzene	50	0	46	92	0 - 0
1,3,5-Trimethylbenzene	50	0	47	94	0 - 0
1,2,4-Trichlorobenzene	50	0	43	86	0 - 0
1,2,3-Trichlorobenzene	50	0	44	88	0 - 0

FORM 3A-OR
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code : ACE Case No. : Sharkey Lab MA No. : _____ SDG No. : Q3688
 Analytical Method : VOA Level : _____
 Matrix Water
 EPA Sample No. (Matrix Spike/Matrix Spike Duplicate): M-31S
 Instrument ID : MSVOA_U GC Column DB-624UI ID : 0.18 (mm)
 Concentration Units (ug/L,mg/L ug/kg): ug/L

ANALYTE	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS %R #	QC Limits %R	
ANALYTE	SPIKE ADDED	MSD CONCENTRATION	MSD %R #	RPD	QC Limits	
					RPD	%R
Dichlorodifluoromethane	50	47	94	5	0	0 - 0
Chloromethane	50	45	90	4	0	0 - 0
Vinyl Chloride	50	48	96	3	0	0 - 0
Bromomethane	50	51	102	2	0	0 - 0
Chloroethane	50	50	100	1	0	0 - 0
Trichlorofluoromethane	50	50	100	5	0	0 - 0
1,1-Dichloroethene	50	48	96	1	14	61 - 145
1,1,2-Trichloro-1,2,2-trifluoroethane	50	48	96	4	0	0 - 0
Acetone	100	57	57	3	0	0 - 0
Carbon disulfide	50	42	84	2	0	0 - 0
Methyl acetate	50	49	98	5	0	0 - 0
Methylene chloride	50	48	96	3	0	0 - 0
trans-1,2-Dichloroethene	50	48	96	2	0	0 - 0
Methyl tert-Butyl ether	50	48	96	6	0	0 - 0
1,1-Dichloroethane	50	48	96	4	0	0 - 0
cis-1,2-Dichloroethene	50	51	102	0	0	0 - 0
2-Butanone	100	72	72	6	0	0 - 0
Bromochloromethane	50	49	98	5	0	0 - 0
Chloroform	50	50	100	4	0	0 - 0
1,1,1-Trichloroethane	50	47	94	2	0	0 - 0
Cyclohexane	50	46	92	3	0	0 - 0
Carbon Tetrachloride	50	47	94	3	0	0 - 0
Benzene	50	49	98	3	11	76 - 127
1,2-Dichloroethane	50	50	100	6	0	0 - 0
Trichloroethene	50	48	96	1	14	71 - 120
Methylcyclohexane	50	46	92	2	0	0 - 0
1,2-Dichloropropane	50	49	98	5	0	0 - 0

FORM 3A-OR
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code : ACE Case No. : Sharkey Lab MA No. : SDG No. : Q3688
 Analytical Method : VOA Level :
 Matrix Water
 EPA Sample No. (Matrix Spike/Matrix Spike Duplicate): M-31S
 Instrument ID : MSVOA_U GC Column DB-624UI ID : 0.18 (mm)
 Concentration Units (ug/L,mg/L ug/kg): ug/L

ANALYTE	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS %R #	QC Limits %R
Bromodichloromethane	50	48	96	2	0 - 0
cis-1,3-Dichloropropene	50	44	88	6	0 - 0
4-Methyl-2-pentanone	100	98	98	2	0 - 0
Toluene	50	48	96	3	13 - 76
trans-1,3-Dichloropropene	50	45	90	1	0 - 0
1,1,2-Trichloroethane	50	49	98	0	0 - 0
Tetrachloroethene	50	47	94	1	0 - 0
2-Hexanone	100	96	96	4	0 - 0
Dibromochloromethane	50	47	94	1	0 - 0
1,2-Dibromoethane	50	48	96	2	0 - 0
Chlorobenzene	50	48	96	1	13 - 75
Ethylbenzene	50	48	96	2	0 - 0
o-Xylene	50	48	96	2	0 - 0
m,p-Xylene	50	48	96	1	0 - 0
Styrene	50	50	100	1	0 - 0
Bromoform	50	44	88	1	0 - 0
Isopropylbenzene	50	46	92	0	0 - 0
1,2,3-Trichloropropane	50	48	96	1	0 - 0
1,1,2,2-Tetrachloroethane	50	49	98	2	0 - 0
1,3-Dichlorobenzene	50	46	92	2	0 - 0
1,4-Dichlorobenzene	50	46	92	2	0 - 0
1,2-Dichlorobenzene	50	47	94	1	0 - 0
1,2-Dibromo-3-chloropropane	50	47	94	5	0 - 0
1,2,4-Trimethylbenzene	50	47	94	2	0 - 0
1,3,5-Trimethylbenzene	50	46	92	2	0 - 0
1,2,4-Trichlorobenzene	50	48	96	10	0 - 0
1,2,3-Trichlorobenzene	50	49	98	11	0 - 0

FORM 4-OR
METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK130

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey La
Analytical Method: VOA
Matrix : Water
Instrument ID: MSVOA_U
Extraction Type : PT
GC Column () : DB-624UI ID : 0.18 (mm)
GC Column () : ID : (mm)
Heated Purge: (Y/N) N Cleanup(Y/N):

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID: VU1121WBL01
Lab File ID : VU063756.D
Date Extracted :
Date Analyzed : 11/21/2025
Time Analyzed : 09:36
Cleanup Types :

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE/TIME ANALYZED
RBGW-20251119	Q3688-04	VU063757.D	11/21/2025 10:05
TBGW-20251119	Q3688-05	VU063758.D	11/21/2025 10:30
M-32I	Q3688-06	VU063759.D	11/21/2025 10:54
RBGW-20251120	Q3688-11	VU063760.D	11/21/2025 11:18
TBGW-20251120	Q3688-14	VU063761.D	11/21/2025 11:42
FDGW-20251120	Q3688-15	VU063762.D	11/21/2025 12:06
M-31S	Q3688-01	VU063763.D	11/21/2025 12:31
M-31I	Q3688-09	VU063764.D	11/21/2025 12:55
M-32S	Q3688-10	VU063765.D	11/21/2025 13:20
M-30S	Q3688-12	VU063766.D	11/21/2025 13:44
M-30I	Q3688-13	VU063767.D	11/21/2025 14:08
M-31SMS	Q3688-02MS	VU063768.D	11/21/2025 14:33
M-31SMSD	Q3688-03MSD	VU063769.D	11/21/2025 14:57

FORM 4-OR
METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK132

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011

Lab Code: ACE Case No.: Sharkey La MA No. : SDG No.: Q3688

Analytical Method: VOA Level :

Matrix : Water Lab Sample ID: VU1124WBL01

Instrument ID: MSVOA_U Lab File ID : VU063776.D

Extraction Type : PT Date Extracted :

GC Column () : DB-624UI ID : 0.18 (mm) Date Analyzed : 11/24/2025

GC Column () : ID : (mm) Time Analyzed : 14:33

Heated Purge: (Y/N) N Cleanup(Y/N): Cleanup Types :

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE/TIME ANALYZED
RBGW-20251121	Q3688-18	VU063777.D	11/24/2025 15:02
TBGW-20251121	Q3688-21	VU063778.D	11/24/2025 15:26
RBGW-20251124	Q3688-22	VU063779.D	11/24/2025 15:50
TBGW-20251124	Q3688-24	VU063780.D	11/24/2025 16:15
WS-14	Q3688-16	VU063781.D	11/24/2025 16:39
M-29	Q3688-17	VU063782.D	11/24/2025 17:03
M-28I	Q3688-19	VU063783.D	11/24/2025 17:28
WS-1	Q3688-20	VU063784.D	11/24/2025 17:52
M-285	Q3688-23	VU063785.D	11/24/2025 18:16
VHBLK001	Q3688-07	VU063787.D	11/24/2025 19:04

FORM 5-OR
GC/MS INSTRUMENT PERFORMANCE CHECK

EPA SAMPLE NO.

BFB090

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Lan MA No.: SDG No.: Q3688
Analytical Method : VOA Lab File ID : VU063719.D
Instrument ID: MSVOA_U BFB / DFTPP : BFB
GC Column : DB-624UI ID : 0.18 (mm) :
Injection Date : 11/17/2025 Injection Time: 10:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.9
75	30.0 - 80.0% of mass 95	54.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9(1.2) 1
174	50.0 - 120% of mass 95	78.7
175	5.0 - 9.0% of mass 174	5.3(6.7) 1
176	95.0 - 101% of mass 174	75.5(96) 1
177	5.0 - 9.0% of mass 176	4.7(6.3) 2

EPA SAMPLE NO.	LAB SAMPLE	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTD005045	VSTD00545	VU063720.D	11/17/2025	11:16
VSTD010046	VSTD01046	VU063721.D	11/17/2025	11:43
VSTD050047	VSTD05047	VU063722.D	11/17/2025	12:09
VSTD100048	VSTD10048	VU063723.D	11/17/2025	12:34
VSTD200049	VSTD20049	VU063724.D	11/17/2025	12:58
VICV050	VSTDICV050	VU063725.D	11/17/2025	13:51

FORM 5-OR
GC/MS INSTRUMENT PERFORMANCE CHECK

EPA SAMPLE NO.

BFB092

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Lan MA No.: SDG No.: Q3688
Analytical Method : VOA Lab File ID : VU063753.D
Instrument ID: MSVOA_U BFB / DFTTP : BFB
GC Column : DB-624UI ID : 0.18 (mm) :
Injection Date : 11/21/2025 Injection Time: 07:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.2
75	30.0 - 80.0% of mass 95	56.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.6 (0.8) 1
174	50.0 - 120% of mass 95	77.4
175	5.0 - 9.0% of mass 174	6 (7.7) 1
176	95.0 - 101% of mass 174	74.1 (95.7) 1
177	5.0 - 9.0% of mass 176	4.9 (6.6) 2

EPA SAMPLE NO.	LAB SAMPLE	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTD050115	VSTDCCC050	VU063754.D	11/21/2025	08:22
VBLK130	VU1121WBL01	VU063756.D	11/21/2025	09:36
RBGW-20251119	Q3688-04	VU063757.D	11/21/2025	10:05
TBGW-20251119	Q3688-05	VU063758.D	11/21/2025	10:30
M-32I	Q3688-06	VU063759.D	11/21/2025	10:54
RBGW-20251120	Q3688-11	VU063760.D	11/21/2025	11:18
TBGW-20251120	Q3688-14	VU063761.D	11/21/2025	11:42
FDGW-20251120	Q3688-15	VU063762.D	11/21/2025	12:06
M-31S	Q3688-01	VU063763.D	11/21/2025	12:31
M-31I	Q3688-09	VU063764.D	11/21/2025	12:55
M-32S	Q3688-10	VU063765.D	11/21/2025	13:20
M-30S	Q3688-12	VU063766.D	11/21/2025	13:44
M-30I	Q3688-13	VU063767.D	11/21/2025	14:08
M-31SMS	Q3688-02MS	VU063768.D	11/21/2025	14:33
M-31SMSD	Q3688-03MSD	VU063769.D	11/21/2025	14:57
VSTD050116	VSTDCCC050EC	VU063772.D	11/21/2025	16:34

FORM 5-OR
GC/MS INSTRUMENT PERFORMANCE CHECK

EPA SAMPLE NO.

BFB093

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Lan MA No.: SDG No.: Q3688
Analytical Method : VOA Lab File ID : VU063773.D
Instrument ID: MSVOA_U BFB / DFTPP : BFB
GC Column : DB-624UI ID : 0.18 (mm) :
Injection Date : 11/24/2025 Injection Time: 12:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21
75	30.0 - 80.0% of mass 95	54.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 120% of mass 95	75.8
175	5.0 - 9.0% of mass 174	5.4 (7.2) 1
176	95.0 - 101% of mass 174	74.2 (97.8) 1
177	5.0 - 9.0% of mass 176	4.6 (6.3) 2

EPA SAMPLE NO.	LAB SAMPLE	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTD050117	VSTDCCC050	VU063774.D	11/24/2025	13:10
VBLK132	VU1124WBL01	VU063776.D	11/24/2025	14:33
RBGW-20251121	Q3688-18	VU063777.D	11/24/2025	15:02
TBGW-20251121	Q3688-21	VU063778.D	11/24/2025	15:26
RBGW-20251124	Q3688-22	VU063779.D	11/24/2025	15:50
TBGW-20251124	Q3688-24	VU063780.D	11/24/2025	16:15
WS-14	Q3688-16	VU063781.D	11/24/2025	16:39
M-29	Q3688-17	VU063782.D	11/24/2025	17:03
M-28I	Q3688-19	VU063783.D	11/24/2025	17:28
WS-1	Q3688-20	VU063784.D	11/24/2025	17:52
M-285	Q3688-23	VU063785.D	11/24/2025	18:16
VHBLK001	Q3688-07	VU063787.D	11/24/2025	19:04
VSTD050118	VSTDCCC050EC	VU063788.D	11/24/2025	19:29

FORM 8A-OR
INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey Lab No.: SDG No.: Q3688
 Analytical Method: VOA Level :
 EPA Sample No. : VSTD050115 Lab File ID (Standard) : VU063754.D
 Instrument ID : MSVOA_U Init.Calib.Date(s): 11/17/2025
 GC Column : DB-624UI ID: 0.18 (mm) Date Analyzed : 11/21/2025
 Heated Purge: (Y/N) N Time Analyzed : 08:22

	IS1 (DFB) AREA	RT	IS2 (CBZ) AREA	RT	IS3 (DCB) AREA	RT
12 HOUR STD	304613	6.22	292788	9.39	149265	11.79
UPPER LIMIT	609226	6.389	585576	9.563	298530	11.958
LOWER LIMIT	152307	6.049	146394	9.223	74632.5	11.618
EPA SAMPLE NO.						
VBLK130	301725	6.22	287829	9.39	139993	11.79
RBGW-20251119	302476	6.22	284569	9.39	139308	11.79
TBGW-20251119	314462	6.22	303888	9.39	146623	11.79
M-32I	348582	6.22	337323	9.39	162891	11.79
RBGW-20251120	332509	6.22	326970	9.39	160342	11.79
TBGW-20251120	326351	6.22	308379	9.39	152685	11.79
FDGW-20251120	342446	6.22	330864	9.39	159776	11.79
M-31S	358146	6.22	342594	9.39	165349	11.79
M-31I	364294	6.22	348826	9.39	169657	11.79
M-32S	341609	6.22	325580	9.39	161982	11.79
M-30S	324753	6.22	318000	9.39	156083	11.79
M-30I	339732	6.22	320479	9.39	159775	11.79
M-31SMS	323065	6.22	322908	9.39	177337	11.79
M-31SMSD	339324	6.22	334237	9.39	181741	11.79

IS1 (DFB) = 1,4-Difluorobenzene
 IS2 (CBZ) = Chlorobenzene-d5
 IS3 (DCB) = 1,4-Dichlorobenzene -d4

AREA UPPER LIMIT = 200% of internal standard area
 AREA LOWER LIMIT = 50% of internal standard area
 RT UPPER LIMIT = +0.17 minutes of internal standard RT
 RT LOWER LIMIT = -0.17 minutes of internal standard RT

FORM 8A-OR
INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey Lab No.: SDG No.: Q3688
 Analytical Method: VOA Level :
 EPA Sample No. : VSTD050117 Lab File ID (Standard) : VU063774.D
 Instrument ID : MSVOA_U Init.Calib.Date(s): 11/17/2025
 GC Column : DB-624UI ID: 0.18 (mm) Date Analyzed : 11/24/2025
 Heated Purge: (Y/N) N Time Analyzed : 13:10

	IS1 (DFB) AREA	RT	IS2 (CBZ) AREA	RT	IS3 (DCB) AREA	RT
12 HOUR STD	321563	6.22	314070	9.39	158156	11.79
UPPER LIMIT	643126	6.389	628140	9.563	316312	11.958
LOWER LIMIT	160782	6.049	157035	9.223	79078	11.618
EPA SAMPLE NO.						
VBLK132	326545	6.22	311598	9.39	153339	11.79
RBGW-20251121	310245	6.22	296353	9.39	142928	11.79
TBGW-20251121	332213	6.22	311963	9.39	151705	11.79
RBGW-20251124	318489	6.22	304247	9.39	146449	11.79
TBGW-20251124	329736	6.22	318186	9.39	152652	11.79
WS-14	307971	6.22	292188	9.39	141763	11.79
M-29	308394	6.22	298059	9.39	146028	11.79
M-28I	301577	6.22	285221	9.39	137504	11.79
WS-1	304820	6.22	291724	9.39	138014	11.79
M-285	311188	6.22	296233	9.39	144368	11.79
VHBLK001	271539	6.22	262434	9.39	126368	11.79

IS1 (DFB) = 1,4-Difluorobenzene
 IS2 (CBZ) = Chlorobenzene-d5
 IS3 (DCB) = 1,4-Dichlorobenzene -d4

AREA UPPER LIMIT = 200% of internal standard area
 AREA LOWER LIMIT = 50% of internal standard area
 RT UPPER LIMIT = +0.17 minutes of internal standard RT
 RT LOWER LIMIT = -0.17 minutes of internal standard RT



QC SAMPLE DATA

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

VBK130

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : VU1121WBL01
Lab File ID : VU063756.D
Date Received : _____
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : _____ Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

VBK130

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : VU1121WBL01
Lab File ID : VU063756.D
Date Received : _____
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : _____ Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

VBK130

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : VU1121WBL01
Lab File ID : VU063756.D
Date Received :
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBK130

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : VU1121WBL01
Lab File ID : VU063756.D
Date Received :
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

VBK132

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Land MA No. : SDG No.: Q3688
Analytical Method : VOA_Low_Med Level :
Matrix : Water Lab Sample ID : VU1124WBL01
Sample wt/vol : 5.0 (g/mL) mL Lab File ID : VU063776.D
% Solids : Date Received :
GC Column : DB-624UI ID : 0.18 (mm) Date Extracted :
GC Column : ID : (mm) Date Analyzed : 11/24/2025
Extract Concentrated : (Y/N) Extract Volume : (µL)
Soil Aliquot (VOA) : (µL) Extraction Type : PT
Heated Purge : (Y/N) N Injection Volume : (µL)
Purge Volume : 5 (mL) pH : Dilution Factor : 1.0
Cleanup Types : Cleanup Factor :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl Acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

VBK132

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : VU1124WBL01
Lab File ID : VU063776.D
Date Received : _____
Date Extracted : _____
Date Analyzed : 11/24/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : _____ Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

VBK132

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : VU1124WBL01
Lab File ID : VU063776.D
Date Received :
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
120-82-1	1,2,4-trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBK132

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : VU1124WBL01
Lab File ID : VU063776.D
Date Received :
Date Extracted :
Date Analyzed : 11/24/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31SMS

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-02MS
Lab File ID : VU063768.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	50	
74-87-3	Chloromethane	47	
75-01-4	Vinyl chloride	50	
74-83-9	Bromomethane	52	
75-00-3	Chloroethane	50	
75-69-4	Trichlorofluoromethane	52	
75-35-4	1,1-Dichloroethene	49	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50	
67-64-1	Acetone	59	
75-15-0	Carbon disulfide	41	
79-20-9	Methyl Acetate	51	
75-09-2	Methylene chloride	50	
156-60-5	trans-1,2-Dichloroethene	49	
1634-04-4	Methyl tert-butyl Ether	51	
75-34-3	1,1-Dichloroethane	50	
156-59-2	cis-1,2-Dichloroethene	50	
78-93-3	2-Butanone	76	
74-97-5	Bromochloromethane	52	
67-66-3	Chloroform	52	
71-55-6	1,1,1-Trichloroethane	48	
110-82-7	Cyclohexane	48	
56-23-5	Carbon tetrachloride	49	
71-43-2	Benzene	50	
107-06-2	1,2-Dichloroethane	53	
79-01-6	Trichloroethene	49	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31SMS

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-02MS
Lab File ID : VU063768.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	47	
78-87-5	1,2-Dichloropropane	51	
75-27-4	Bromodichloromethane	49	
10061-01-5	cis-1,3-Dichloropropene	47	
108-10-1	4-Methyl-2-pentanone	100	
108-88-3	Toluene	50	
10061-02-6	trans-1,3-Dichloropropene	44	
79-00-5	1,1,2-Trichloroethane	49	
127-18-4	Tetrachloroethene	48	
591-78-6	2-Hexanone	92	
124-48-1	Dibromochloromethane	46	
106-93-4	1,2-Dibromoethane	49	
108-90-7	Chlorobenzene	49	
100-41-4	Ethylbenzene	49	
95-47-6	o-Xylene	50	
179601-23-1	m,p-Xylene	49	
100-42-5	Styrene	50	
75-25-2	Bromoform	44	
98-82-8	Isopropylbenzene	46	
96-18-4	1,2,3-Trichloropropane	48	
79-34-5	1,1,2,2-Tetrachloroethane	49	
541-73-1	1,3-Dichlorobenzene	45	
106-46-7	1,4-Dichlorobenzene	45	
95-50-1	1,2-Dichlorobenzene	46	
96-12-8	1,2-Dibromo-3-chloropropane	45	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31SMS

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-02MS
Lab File ID : VU063768.D
Date Received : 11/19/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	46	
108-67-8	1,3,5-Trimethylbenzene	47	
120-82-1	1,2,4-trichlorobenzene	43	
87-61-6	1,2,3-Trichlorobenzene	44	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31SMSD

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-03MSD
Lab File ID : VU063769.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	47	
74-87-3	Chloromethane	45	
75-01-4	Vinyl chloride	48	
74-83-9	Bromomethane	51	
75-00-3	Chloroethane	50	
75-69-4	Trichlorofluoromethane	50	
75-35-4	1,1-Dichloroethene	48	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	48	
67-64-1	Acetone	57	
75-15-0	Carbon disulfide	42	
79-20-9	Methyl Acetate	49	
75-09-2	Methylene chloride	48	
156-60-5	trans-1,2-Dichloroethene	48	
1634-04-4	Methyl tert-butyl Ether	48	
75-34-3	1,1-Dichloroethane	48	
156-59-2	cis-1,2-Dichloroethene	51	
78-93-3	2-Butanone	72	
74-97-5	Bromochloromethane	49	
67-66-3	Chloroform	50	
71-55-6	1,1,1-Trichloroethane	47	
110-82-7	Cyclohexane	46	
56-23-5	Carbon tetrachloride	47	
71-43-2	Benzene	49	
107-06-2	1,2-Dichloroethane	50	
79-01-6	Trichloroethene	48	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31SMSD

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids : _____
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) _____
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-03MSD
Lab File ID : VU063769.D
Date Received : 11/19/2025
Date Extracted : _____
Date Analyzed : 11/21/2025
Extract Volume : _____ (µL)
Extraction Type : PT
Injection Volume : _____ (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor : _____

CAS NO.	ANALYTE	CONCENTRATION	Q
108-87-2	Methylcyclohexane	46	
78-87-5	1,2-Dichloropropane	49	
75-27-4	Bromodichloromethane	48	
10061-01-5	cis-1,3-Dichloropropene	44	
108-10-1	4-Methyl-2-pentanone	98	
108-88-3	Toluene	48	
10061-02-6	trans-1,3-Dichloropropene	45	
79-00-5	1,1,2-Trichloroethane	49	
127-18-4	Tetrachloroethene	47	
591-78-6	2-Hexanone	96	
124-48-1	Dibromochloromethane	47	
106-93-4	1,2-Dibromoethane	48	
108-90-7	Chlorobenzene	48	
100-41-4	Ethylbenzene	48	
95-47-6	o-Xylene	48	
179601-23-1	m,p-Xylene	48	
100-42-5	Styrene	50	
75-25-2	Bromoform	44	
98-82-8	Isopropylbenzene	46	
96-18-4	1,2,3-Trichloropropane	48	
79-34-5	1,1,2,2-Tetrachloroethane	49	
541-73-1	1,3-Dichlorobenzene	46	
106-46-7	1,4-Dichlorobenzene	46	
95-50-1	1,2-Dichlorobenzene	47	
96-12-8	1,2-Dibromo-3-chloropropane	47	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31SMSD

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : VOA_Low_Med
Matrix : Water
Sample wt/vol : 5.0 (g/mL) mL
% Solids :
GC Column : DB-624UI ID : 0.18 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N)
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N) N
Purge Volume : 5 (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-03MSD
Lab File ID : VU063769.D
Date Received : 11/19/2025
Date Extracted :
Date Analyzed : 11/21/2025
Extract Volume : (µL)
Extraction Type : PT
Injection Volume : (µL)
pH : 1.0 Dilution Factor : 1.0
Cleanup Factor :

CAS NO.	ANALYTE	CONCENTRATION	Q
95-63-6	1,2,4-Trimethylbenzene	47	
108-67-8	1,3,5-Trimethylbenzene	46	
120-82-1	1,2,4-trichlorobenzene	48	
87-61-6	1,2,3-Trichlorobenzene	49	



CALIBRATION SUMMARY

FORM 6A-OR
GC/MS INITIAL CALIBRATION DATA

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method : VOA Level :
 Instrument ID: MSVOA_U Calibration Date(s): 11/17/2025 11/17/2025
 GC Column: DB-624UI ID: 0.18 (mm) Calibration Time(s): 11:16 12:58
 Length : 20 (m)
 Heated Purge: (Y/N): N Purge Volume : 5 (mL)

LAB FILE ID:		RRF5.0 = VU063720.D		RRF10 = VU063721.D			
RRF50 = VU063722.D		RRF100 = VU063723.D		RRF200 = VU063724.D			
ANALYTE	RRF5.0	RRF10	RRF50	RRF100	RRF200	RRF	% RSD
Dichlorodifluoromethane	0.330	0.294	0.288	0.270	0.272	0.291	8.3
Chloromethane	0.385	0.346	0.312	0.300	0.303	0.329	11
Vinyl chloride	0.429	0.396	0.374	0.360	0.356	0.383	7.8
Bromomethane	0.281	0.243	0.231	0.230	0.228	0.243	9.1
Chloroethane	0.297	0.251	0.253	0.240	0.237	0.256	9.4
Trichlorofluoromethane	0.682	0.611	0.589	0.571	0.566	0.604	7.8
1,1-Dichloroethene	0.374	0.334	0.315	0.306	0.303	0.326	9
1,1,2-Trichloro-1,2,2-trifluoroethane	0.390	0.373	0.350	0.339	0.333	0.357	6.8
Acetone	0.384	0.348	0.324	0.306	0.303	0.333	10.1
Carbon disulfide	0.962	0.837	0.812	0.810	0.830	0.850	7.5
Methyl Acetate	0.386	0.388	0.409	0.404	0.413	0.400	3
Methylene chloride	0.454	0.373	0.369	0.353	0.353	0.380	11.1
trans-1,2-Dichloroethene	0.388	0.338	0.347	0.334	0.333	0.348	6.7
Methyl tert-butyl Ether	1.271	1.166	1.164	1.136	1.152	1.178	4.5
1,1-Dichloroethane	0.746	0.677	0.657	0.639	0.633	0.671	6.8
cis-1,2-Dichloroethene	0.420	0.401	0.398	0.393	0.391	0.401	2.9
2-Butanone	0.430	0.384	0.343	0.338	0.356	0.370	10.2
Bromochloromethane	0.227	0.199	0.205	0.198	0.201	0.206	5.7
Chloroform	0.817	0.730	0.707	0.691	0.684	0.726	7.4
1,1,1-Trichloroethane	0.741	0.615	0.625	0.604	0.607	0.638	9.1
Cyclohexane	0.711	0.627	0.625	0.591	0.592	0.629	7.8
Carbon tetrachloride	0.550	0.463	0.501	0.491	0.505	0.502	6.3
Benzene	1.730	1.496	1.500	1.460	1.438	1.525	7.7
1,2-Dichloroethane	0.666	0.586	0.566	0.574	0.571	0.593	7
Trichloroethene	0.504	0.441	0.424	0.419	0.411	0.440	8.5
Methylcyclohexane	0.736	0.652	0.639	0.603	0.596	0.645	8.6
1,2-Dichloropropane	0.437	0.380	0.391	0.385	0.389	0.396	5.9
Bromodichloromethane	0.605	0.522	0.530	0.525	0.532	0.543	6.4
cis-1,3-Dichloropropene	0.616	0.560	0.551	0.582	0.630	0.588	5.8
4-Methyl-2-pentanone	0.585	0.547	0.574	0.574	0.589	0.574	2.8
Toluene	1.860	1.677	1.671	1.616	1.594	1.684	6.2
trans-1,3-Dichloropropene	0.545	0.469	0.512	0.504	0.536	0.513	5.8

FORM 6A-OR
GC/MS INITIAL CALIBRATION DATA

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method : VOA Level :
 Instrument ID: MSVOA_U Calibration Date(s): 11/17/2025 11/17/2025
 GC Column: DB-624UI ID: 0.18 (mm) Calibration Time(s): 11:16 12:58
 Length : 20 (m)
 Heated Purge: (Y/N): N Purge Volume : 5 (mL)

LAB FILE ID:		RRF5.0 = VU063720.D			RRF10 = VU063721.D		
RRF50 = VU063722.D		RRF100 = VU063723.D			RRF200 = VU063724.D		
ANALYTE	RRF5.0	RRF10	RRF50	RRF100	RRF200	$\overline{\text{RRF}}$	% RSD
1,1,2-Trichloroethane	0.468	0.413	0.412	0.403	0.400	0.419	6.7
Tetrachloroethene	0.375	0.340	0.327	0.319	0.320	0.336	7
2-Hexanone	0.413	0.412	0.461	0.470	0.496	0.450	8.2
Dibromochloromethane	0.429	0.379	0.394	0.401	0.420	0.405	5
1,2-Dibromoethane	0.507	0.420	0.429	0.419	0.424	0.440	8.6
Chlorobenzene	1.272	1.130	1.113	1.077	1.089	1.136	6.9
Ethylbenzene	2.149	1.906	1.935	1.879	1.906	1.955	5.6
o-Xylene	0.793	0.701	0.711	0.702	0.721	0.726	5.3
m,p-Xylene	0.814	0.718	0.740	0.717	0.736	0.745	5.4
Styrene	1.170	1.109	1.191	1.180	1.228	1.176	3.7
Bromoform	0.635	0.515	0.549	0.558	0.581	0.568	7.8
Isopropylbenzene	4.439	3.790	3.623	3.523	3.485	3.772	10.4
1,2,3-Trichloropropane	1.320	1.113	1.014	1.011	0.999	1.091	12.4
1,1,2,2-Tetrachloroethane	0.731	0.675	0.667	0.659	0.682	0.683	4.1
1,3-Dichlorobenzene	1.957	1.697	1.613	1.588	1.600	1.691	9.2
1,4-Dichlorobenzene	2.050	1.790	1.612	1.599	1.608	1.732	11.2
1,2-Dichlorobenzene	1.901	1.648	1.567	1.534	1.547	1.639	9.3
1,2-Dibromo-3-chloropropane	0.255	0.248	0.263	0.279	0.302	0.269	7.9
1,2,4-Trimethylbenzene	3.260	2.835	2.874	2.888	2.951	2.962	5.8
1,3,5-Trimethylbenzene	3.468	3.067	3.008	2.973	2.998	3.103	6.7
1,2,4-trichlorobenzene	0.945	0.895	0.910	0.979	1.036	0.953	5.9
1,2,3-Trichlorobenzene	0.924	0.824	0.863	0.926	0.981	0.903	6.7
Vinyl Chloride-d3	0.412	0.443	0.433	0.442	0.429	0.432	2.9
Chloroethane-d5	0.319	0.352	0.332	0.334	0.326	0.333	3.7
1,1-Dichloroethene-d2	0.738	0.769	0.740	0.761	0.735	0.748	2
2-Butanone-d5	0.192	0.243	0.249	0.269	0.278	0.246	13.6
Chloroform-d	0.665	0.719	0.746	0.755	0.737	0.724	4.9
1,2-Dichloroethane-d4	0.463	0.496	0.473	0.485	0.465	0.476	2.8
Benzene-d6	1.407	1.475	1.492	1.504	1.450	1.466	2.6
1,2-Dichloropropane-d6	0.421	0.437	0.428	0.440	0.425	0.430	1.9
Toluene-d8	1.370	1.422	1.388	1.406	1.371	1.392	1.6
trans-1,3-Dichloropropene-d4	0.162	0.164	0.179	0.187	0.197	0.178	8.4

FORM 6A-OR
GC/MS INITIAL CALIBRATION DATA

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method : VOA Level :
 Instrument ID: MSVOA_U Calibration Date(s): 11/17/2025 11/17/2025
 GC Column: DB-624UI ID: 0.18 (mm) Calibration Time(s): 11:16 12:58
 Length : 20 (m)
 Heated Purge: (Y/N): N Purge Volume : 5 (mL)

LAB FILE ID:		RRF5.0 = VU063720.D		RRF10 = VU063721.D			
RRF50 = VU063722.D		RRF100 = VU063723.D		RRF200 = VU063724.D			
ANALYTE	RRF5.0	RRF10	RRF50	RRF100	RRF200	$\overline{\text{RRF}}$	% RSD
2-Hexanone-d5	0.110	0.138	0.167	0.180	0.188	0.156	20.6
1,1,2,2-Tetrachloroethane-d2	0.571	0.617	0.633	0.659	0.667	0.629	6.1
1,2-Dichlorobenzene-d4	0.925	0.953	0.930	0.967	0.944	0.944	1.8

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: VOA Level:
 Instrument ID: MSVOA_U Date Analyzed: 11/17/2025 Time: 13:51
 Lab File ID: VU063725.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VICV050 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	RRF	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.291	0.287	0.01	-1.4	± 40.0
Chloromethane	0.329	0.308	0.01	-6.6	± 30.0
Vinyl chloride	0.383	0.368	0.01	-3.9	± 25.0
Bromomethane	0.243	0.240	0.01	-1.3	± 40.0
Chloroethane	0.256	0.249	0.01	-2.7	± 25.0
Trichlorofluoromethane	0.604	0.592	0.01	-2	± 30.0
1,1-Dichloroethene	0.326	0.316	0.06	-3.3	± 25.0
1,1,2-Trichloro-1,2,2-trifluoroet	0.357	0.346	0.01	-3.2	± 30.0
Acetone	0.333	0.314	0.01	-5.7	± 40.0
Carbon disulfide	0.850	0.837	0.01	-1.5	± 25.0
Methyl Acetate	0.400	0.404	0.01	1.1	± 40.0
Methylene chloride	0.380	0.371	0.01	-2.5	± 30.0
trans-1,2-Dichloroethene	0.348	0.342	0.1	-1.8	± 20.0
Methyl tert-butyl Ether	1.178	1.142	0.1	-3	± 25.0
1,1-Dichloroethane	0.671	0.655	0.3	-2.3	± 20.0
cis-1,2-Dichloroethene	0.401	0.401	0.2	0.2	± 20.0
2-Butanone	0.370	0.338	0.01	-8.7	± 40.0
Bromochloromethane	0.206	0.203	0.05	-1.4	± 20.0
Chloroform	0.726	0.707	0.3	-2.6	± 20.0
1,1,1-Trichloroethane	0.638	0.614	0.05	-3.9	± 25.0
Cyclohexane	0.629	0.618	0.01	-1.8	± 25.0
Carbon tetrachloride	0.502	0.494	0.1	-1.6	± 25.0
Benzene	1.525	1.485	0.2	-2.6	± 20.0
1,2-Dichloroethane	0.593	0.577	0.07	-2.6	± 20.0
Trichloroethene	0.440	0.434	0.1	-1.4	± 20.0
Methylcyclohexane	0.645	0.617	0.05	-4.4	± 30.0
1,2-Dichloropropane	0.396	0.391	0.1	-1.3	± 20.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: VOA Level:
 Instrument ID: MSVOA_U Date Analyzed: 11/17/2025 Time: 13:51
 Lab File ID: VU063725.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VICV050 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	RRF	RRF50	MIN RRF	%D	MAX %D
Bromodichloromethane	0.543	0.535	0.01	-1.3	± 20.0
cis-1,3-Dichloropropene	0.588	0.574	0.3	-2.3	± 20.0
4-Methyl-2-pentanone	0.574	0.591	0.01	3.1	± 30.0
Toluene	1.684	1.667	0.4	-1	± 20.0
trans-1,3-Dichloropropene	0.513	0.493	0.2	-4	± 20.0
1,1,2-Trichloroethane	0.419	0.416	0.1	-0.7	± 20.0
Tetrachloroethene	0.336	0.326	0.1	-3.2	± 25.0
2-Hexanone	0.450	0.478	0.01	6.2	± 40.0
Dibromochloromethane	0.405	0.392	0.01	-3.1	± 20.0
1,2-Dibromoethane	0.440	0.435	0.01	-1.2	± 20.0
Chlorobenzene	1.136	1.109	0.4	-2.4	± 20.0
Ethylbenzene	1.955	1.910	0.4	-2.3	± 25.0
o-Xylene	0.726	0.706	0.2	-2.7	± 25.0
m,p-Xylene	0.745	0.707	0.2	-5.2	± 25.0
Styrene	1.176	1.190	0.2	1.2	± 25.0
Bromoform	0.568	0.567	0.01	-0.1	± 25.0
Isopropylbenzene	3.772	3.746	0.4	-0.7	± 25.0
1,2,3-Trichloropropane	1.091	1.111	0.01	1.8	± 30.0
1,1,2,2-Tetrachloroethane	0.683	0.675	0.01	-1.1	± 25.0
1,3-Dichlorobenzene	1.691	1.711	0.5	1.2	± 20.0
1,4-Dichlorobenzene	1.732	1.725	0.6	-0.4	± 20.0
1,2-Dichlorobenzene	1.639	1.645	0.6	0.3	± 20.0
1,2-Dibromo-3-chloropropane	0.269	0.281	0.01	4.1	± 30.0
1,2,4-Trimethylbenzene	2.962	3.046	0.4	2.9	± 30.0
1,3,5-Trimethylbenzene	3.103	3.147	0.4	1.4	± 30.0
1,2,4-trichlorobenzene	0.953	1.040	0.4	9.1	± 30.0
1,2,3-Trichlorobenzene	0.903	0.989	0.3	9.5	± 30.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: _____ SDG No.: Q3688
 Analytical Method: VOA Level: _____
 Instrument ID: MSVOA_U Date Analyzed: 11/17/2025 Time: 13:51
 Lab File ID: VU063725.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VICV050 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	$\overline{\text{RRF}}$	RRF50	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.432	0.406	0.01	-5.9	± 30.0
Chloroethane-d5	0.333	0.307	0.01	-7.6	± 30.0
1,1-Dichloroethene-d2	0.748	0.716	0.05	-4.3	± 25.0
2-Butanone-d5	0.246	0.245	0.01	-0.4	± 40.0
Chloroform-d	0.724	0.696	0.3	-3.9	± 20.0
1,2-Dichloroethane-d4	0.476	0.446	0.06	-6.3	± 25.0
Benzene-d6	1.466	1.390	0.3	-5.1	± 20.0
1,2-Dichloropropane-d6	0.430	0.404	0.2	-6	± 20.0
Toluene-d8	1.392	1.299	0.3	-6.6	± 20.0
trans-1,3-Dichloropropene-d4	0.178	0.161	0.01	-9.4	± 20.0
2-Hexanone-d5	0.156	0.163	0.01	4.3	± 40.0
1,1,2,2-Tetrachloroethane-d2	0.629	0.610	0.2	-3	± 25.0
1,2-Dichlorobenzene-d4	0.944	0.935	0.4	-0.9	± 20.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: VOA Level:
 Instrument ID: MSVOA_U Date Analyzed: 11/21/2025 Time: 08:22
 Lab File ID: VU063754.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VSTD050115 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	RRF	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.291	0.295	0.01	1.4	± 40.0
Chloromethane	0.329	0.316	0.01	-4	± 30.0
Vinyl chloride	0.383	0.385	0.01	0.6	± 25.0
Bromomethane	0.243	0.249	0.01	2.8	± 40.0
Chloroethane	0.256	0.261	0.01	2.0	± 25.0
Trichlorofluoromethane	0.604	0.630	0.01	4.4	± 30.0
1,1-Dichloroethene	0.326	0.320	0.06	-2	± 25.0
1,1,2-Trichloro-1,2,2-trifluoroet	0.357	0.373	0.01	4.5	± 30.0
Acetone	0.333	0.337	0.01	1.2	± 40.0
Carbon disulfide	0.850	0.791	0.01	-6.9	± 25.0
Methyl Acetate	0.400	0.417	0.01	4.3	± 40.0
Methylene chloride	0.380	0.380	0.01	-0.1	± 30.0
trans-1,2-Dichloroethene	0.348	0.339	0.1	-2.6	± 20.0
Methyl tert-butyl Ether	1.178	1.166	0.1	-1	± 25.0
1,1-Dichloroethane	0.671	0.673	0.3	0.3	± 20.0
cis-1,2-Dichloroethene	0.401	0.414	0.2	3.4	± 20.0
2-Butanone	0.370	0.349	0.01	-5.8	± 40.0
Bromochloromethane	0.206	0.207	0.05	0.5	± 20.0
Chloroform	0.726	0.747	0.3	3.0	± 20.0
1,1,1-Trichloroethane	0.638	0.637	0.05	-0.3	± 25.0
Cyclohexane	0.629	0.627	0.01	-0.3	± 25.0
Carbon tetrachloride	0.502	0.503	0.1	0.2	± 25.0
Benzene	1.525	1.532	0.2	0.5	± 20.0
1,2-Dichloroethane	0.593	0.598	0.07	0.8	± 20.0
Trichloroethene	0.440	0.447	0.1	1.7	± 20.0
Methylcyclohexane	0.645	0.627	0.05	-2.8	± 30.0
1,2-Dichloropropane	0.396	0.399	0.1	0.6	± 20.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: VOA Level:
 Instrument ID: MSVOA_U Date Analyzed: 11/21/2025 Time: 08:22
 Lab File ID: VU063754.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VSTD050115 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	RRF	RRF50	MIN RRF	%D	MAX %D
Bromodichloromethane	0.543	0.538	0.01	-0.9	± 20.0
cis-1,3-Dichloropropene	0.588	0.573	0.3	-2.5	± 20.0
4-Methyl-2-pentanone	0.574	0.586	0.01	2.1	± 30.0
Toluene	1.684	1.710	0.4	1.6	± 20.0
trans-1,3-Dichloropropene	0.513	0.489	0.2	-4.7	± 20.0
1,1,2-Trichloroethane	0.419	0.423	0.1	0.9	± 20.0
Tetrachloroethene	0.336	0.344	0.1	2.3	± 25.0
2-Hexanone	0.450	0.459	0.01	1.9	± 40.0
Dibromochloromethane	0.405	0.401	0.01	-0.8	± 20.0
1,2-Dibromoethane	0.440	0.435	0.01	-1	± 20.0
Chlorobenzene	1.136	1.136	0.4	0.0	± 20.0
Ethylbenzene	1.955	1.981	0.4	1.3	± 25.0
o-Xylene	0.726	0.731	0.2	0.7	± 25.0
m,p-Xylene	0.745	0.737	0.2	-1.1	± 25.0
Styrene	1.176	1.204	0.2	2.4	± 25.0
Bromoform	0.568	0.573	0.01	1.0	± 25.0
Isopropylbenzene	3.772	3.920	0.4	3.9	± 25.0
1,2,3-Trichloropropane	1.091	1.122	0.01	2.8	± 30.0
1,1,2,2-Tetrachloroethane	0.683	0.674	0.01	-1.2	± 25.0
1,3-Dichlorobenzene	1.691	1.770	0.5	4.7	± 20.0
1,4-Dichlorobenzene	1.732	1.754	0.6	1.3	± 20.0
1,2-Dichlorobenzene	1.639	1.685	0.6	2.8	± 20.0
1,2-Dibromo-3-chloropropane	0.269	0.268	0.01	-0.4	± 30.0
1,2,4-Trimethylbenzene	2.962	3.088	0.4	4.3	± 30.0
1,3,5-Trimethylbenzene	3.103	3.239	0.4	4.4	± 30.0
1,2,4-trichlorobenzene	0.953	0.971	0.4	1.8	± 30.0
1,2,3-Trichlorobenzene	0.903	0.894	0.3	-1.1	± 30.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: VOA Level:
 Instrument ID: MSVOA_U Date Analyzed: 11/21/2025 Time: 08:22
 Lab File ID: VU063754.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VSTD050115 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	$\overline{\text{RRF}}$	RRF50	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.432	0.413	0.01	-4.4	± 30.0
Chloroethane-d5	0.333	0.324	0.01	-2.6	± 30.0
1,1-Dichloroethene-d2	0.748	0.731	0.05	-2.3	± 25.0
2-Butanone-d5	0.246	0.247	0.01	0.2	± 40.0
Chloroform-d	0.724	0.731	0.3	0.9	± 20.0
1,2-Dichloroethane-d4	0.476	0.464	0.06	-2.6	± 25.0
Benzene-d6	1.466	1.455	0.3	-0.7	± 20.0
1,2-Dichloropropane-d6	0.430	0.430	0.2	-0.1	± 20.0
Toluene-d8	1.392	1.359	0.3	-2.3	± 20.0
trans-1,3-Dichloropropene-d4	0.178	0.164	0.01	-8	± 20.0
2-Hexanone-d5	0.156	0.157	0.01	0.2	± 40.0
1,1,2,2-Tetrachloroethane-d2	0.629	0.623	0.2	-1	± 25.0
1,2-Dichlorobenzene-d4	0.944	0.967	0.4	2.5	± 20.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: VOA Level:
 Instrument ID: MSVOA_U Date Analyzed: 11/21/2025 Time: 16:34
 Lab File ID: VU063772.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VSTD050116 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	RRF	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.291	0.274	0.01	-5.9	± 50.0
Chloromethane	0.329	0.301	0.01	-8.4	± 50.0
Vinyl chloride	0.383	0.375	0.01	-2.1	± 50.0
Bromomethane	0.243	0.247	0.01	1.8	± 50.0
Chloroethane	0.256	0.260	0.01	1.8	± 50.0
Trichlorofluoromethane	0.604	0.616	0.01	1.9	± 50.0
1,1-Dichloroethene	0.326	0.311	0.06	-4.6	± 50.0
1,1,2-Trichloro-1,2,2-trifluoroet	0.357	0.347	0.01	-2.8	± 50.0
Acetone	0.333	0.289	0.01	-13.3	± 50.0
Carbon disulfide	0.850	0.700	0.01	-17.7	± 50.0
Methyl Acetate	0.400	0.396	0.01	-1.1	± 50.0
Methylene chloride	0.380	0.368	0.01	-3.3	± 50.0
trans-1,2-Dichloroethene	0.348	0.325	0.1	-6.6	± 50.0
Methyl tert-butyl Ether	1.178	1.137	0.1	-3.4	± 50.0
1,1-Dichloroethane	0.671	0.655	0.3	-2.3	± 50.0
cis-1,2-Dichloroethene	0.401	0.393	0.2	-1.8	± 50.0
2-Butanone	0.370	0.328	0.01	-11.5	± 50.0
Bromochloromethane	0.206	0.207	0.05	0.7	± 50.0
Chloroform	0.726	0.721	0.3	-0.6	± 50.0
1,1,1-Trichloroethane	0.638	0.614	0.05	-3.8	± 50.0
Cyclohexane	0.629	0.590	0.01	-6.2	± 50.0
Carbon tetrachloride	0.502	0.491	0.1	-2.2	± 50.0
Benzene	1.525	1.510	0.2	-1	± 50.0
1,2-Dichloroethane	0.593	0.594	0.07	0.3	± 50.0
Trichloroethene	0.440	0.425	0.1	-3.3	± 50.0
Methylcyclohexane	0.645	0.602	0.05	-6.8	± 50.0
1,2-Dichloropropane	0.396	0.392	0.1	-1	± 50.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: VOA Level:
 Instrument ID: MSVOA_U Date Analyzed: 11/21/2025 Time: 16:34
 Lab File ID: VU063772.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VSTD050116 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	RRF	RRF50	MIN RRF	%D	MAX %D
Bromodichloromethane	0.543	0.522	0.01	-3.8	± 50.0
cis-1,3-Dichloropropene	0.588	0.554	0.3	-5.7	± 50.0
4-Methyl-2-pentanone	0.574	0.573	0.01	-0.1	± 50.0
Toluene	1.684	1.644	0.4	-2.3	± 50.0
trans-1,3-Dichloropropene	0.513	0.457	0.2	-10.9	± 50.0
1,1,2-Trichloroethane	0.419	0.424	0.1	1.1	± 50.0
Tetrachloroethene	0.336	0.317	0.1	-5.7	± 50.0
2-Hexanone	0.450	0.455	0.01	1.0	± 50.0
Dibromochloromethane	0.405	0.389	0.01	-3.9	± 50.0
1,2-Dibromoethane	0.440	0.437	0.01	-0.7	± 50.0
Chlorobenzene	1.136	1.095	0.4	-3.6	± 50.0
Ethylbenzene	1.955	1.888	0.4	-3.4	± 50.0
o-Xylene	0.726	0.715	0.2	-1.5	± 50.0
m,p-Xylene	0.745	0.725	0.2	-2.7	± 50.0
Styrene	1.176	1.182	0.2	0.6	± 50.0
Bromoform	0.568	0.505	0.01	-11.1	± 50.0
Isopropylbenzene	3.772	3.524	0.4	-6.6	± 50.0
1,2,3-Trichloropropane	1.091	1.053	0.01	-3.5	± 50.0
1,1,2,2-Tetrachloroethane	0.683	0.670	0.01	-1.9	± 50.0
1,3-Dichlorobenzene	1.691	1.556	0.5	-8	± 50.0
1,4-Dichlorobenzene	1.732	1.568	0.6	-9.5	± 50.0
1,2-Dichlorobenzene	1.639	1.536	0.6	-6.3	± 50.0
1,2-Dibromo-3-chloropropane	0.269	0.249	0.01	-7.5	± 50.0
1,2,4-Trimethylbenzene	2.962	2.786	0.4	-5.9	± 50.0
1,3,5-Trimethylbenzene	3.103	2.901	0.4	-6.5	± 50.0
1,2,4-trichlorobenzene	0.953	0.857	0.4	-10	± 50.0
1,2,3-Trichlorobenzene	0.903	0.830	0.3	-8.1	± 50.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: VOA Level:
 Instrument ID: MSVOA_U Date Analyzed: 11/21/2025 Time: 16:34
 Lab File ID: VU063772.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VSTD050116 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	RRF	RRF50	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.432	0.365	0.01	-15.5	± 50.0
Chloroethane-d5	0.333	0.292	0.01	-12.3	± 50.0
1,1-Dichloroethene-d2	0.748	0.679	0.05	-9.2	± 50.0
2-Butanone-d5	0.246	0.224	0.01	-8.9	± 50.0
Chloroform-d	0.724	0.689	0.3	-4.9	± 50.0
1,2-Dichloroethane-d4	0.476	0.437	0.06	-8.3	± 50.0
Benzene-d6	1.466	1.334	0.3	-9	± 50.0
1,2-Dichloropropane-d6	0.430	0.388	0.2	-9.9	± 50.0
Toluene-d8	1.392	1.260	0.3	-9.5	± 50.0
trans-1,3-Dichloropropene-d4	0.178	0.151	0.01	-14.9	± 50.0
2-Hexanone-d5	0.156	0.147	0.01	-5.9	± 50.0
1,1,2,2-Tetrachloroethane-d2	0.629	0.602	0.2	-4.3	± 50.0
1,2-Dichlorobenzene-d4	0.944	0.891	0.4	-5.6	± 50.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: VOA Level:
 Instrument ID: MSVOA_U Date Analyzed: 11/24/2025 Time: 13:10
 Lab File ID: VU063774.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VSTD050117 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	RRF	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.291	0.310	0.01	6.6	± 40.0
Chloromethane	0.329	0.337	0.01	2.4	± 30.0
Vinyl chloride	0.383	0.402	0.01	4.9	± 25.0
Bromomethane	0.243	0.269	0.01	10.8	± 40.0
Chloroethane	0.256	0.283	0.01	10.8	± 25.0
Trichlorofluoromethane	0.604	0.675	0.01	11.8	± 30.0
1,1-Dichloroethene	0.326	0.332	0.06	1.8	± 25.0
1,1,2-Trichloro-1,2,2-trifluoroet	0.357	0.387	0.01	8.4	± 30.0
Acetone	0.333	0.376	0.01	13	± 40.0
Carbon disulfide	0.850	0.813	0.01	-4.4	± 25.0
Methyl Acetate	0.400	0.406	0.01	1.6	± 40.0
Methylene chloride	0.380	0.401	0.01	5.5	± 30.0
trans-1,2-Dichloroethene	0.348	0.364	0.1	4.6	± 20.0
Methyl tert-butyl Ether	1.178	1.233	0.1	4.7	± 25.0
1,1-Dichloroethane	0.671	0.713	0.3	6.4	± 20.0
cis-1,2-Dichloroethene	0.401	0.429	0.2	7.2	± 20.0
2-Butanone	0.370	0.370	0.01	0.1	± 40.0
Bromochloromethane	0.206	0.222	0.05	7.9	± 20.0
Chloroform	0.726	0.784	0.3	8.0	± 20.0
1,1,1-Trichloroethane	0.638	0.664	0.05	4.0	± 25.0
Cyclohexane	0.629	0.648	0.01	3.0	± 25.0
Carbon tetrachloride	0.502	0.538	0.1	7.3	± 25.0
Benzene	1.525	1.606	0.2	5.3	± 20.0
1,2-Dichloroethane	0.593	0.638	0.07	7.8	± 20.0
Trichloroethene	0.440	0.448	0.1	2.0	± 20.0
Methylcyclohexane	0.645	0.667	0.05	3.3	± 30.0
1,2-Dichloropropane	0.396	0.429	0.1	8.2	± 20.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: VOA Level:
 Instrument ID: MSVOA_U Date Analyzed: 11/24/2025 Time: 13:10
 Lab File ID: VU063774.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VSTD050117 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	RRF	RRF50	MIN RRF	%D	MAX %D
Bromodichloromethane	0.543	0.576	0.01	6.1	± 20.0
cis-1,3-Dichloropropene	0.588	0.573	0.3	-2.6	± 20.0
4-Methyl-2-pentanone	0.574	0.586	0.01	2.2	± 30.0
Toluene	1.684	1.773	0.4	5.3	± 20.0
trans-1,3-Dichloropropene	0.513	0.516	0.2	0.5	± 20.0
1,1,2-Trichloroethane	0.419	0.441	0.1	5.2	± 20.0
Tetrachloroethene	0.336	0.346	0.1	3.0	± 25.0
2-Hexanone	0.450	0.477	0.01	6.0	± 40.0
Dibromochloromethane	0.405	0.423	0.01	4.4	± 20.0
1,2-Dibromoethane	0.440	0.453	0.01	2.9	± 20.0
Chlorobenzene	1.136	1.184	0.4	4.2	± 20.0
Ethylbenzene	1.955	2.049	0.4	4.8	± 25.0
o-Xylene	0.726	0.765	0.2	5.5	± 25.0
m,p-Xylene	0.745	0.760	0.2	2.0	± 25.0
Styrene	1.176	1.240	0.2	5.5	± 25.0
Bromoform	0.568	0.625	0.01	10.1	± 25.0
Isopropylbenzene	3.772	4.099	0.4	8.7	± 25.0
1,2,3-Trichloropropane	1.091	1.173	0.01	7.5	± 30.0
1,1,2,2-Tetrachloroethane	0.683	0.694	0.01	1.7	± 25.0
1,3-Dichlorobenzene	1.691	1.801	0.5	6.5	± 20.0
1,4-Dichlorobenzene	1.732	1.779	0.6	2.7	± 20.0
1,2-Dichlorobenzene	1.639	1.748	0.6	6.6	± 20.0
1,2-Dibromo-3-chloropropane	0.269	0.281	0.01	4.1	± 30.0
1,2,4-Trimethylbenzene	2.962	3.206	0.4	8.2	± 30.0
1,3,5-Trimethylbenzene	3.103	3.399	0.4	9.5	± 30.0
1,2,4-trichlorobenzene	0.953	0.963	0.4	1.1	± 30.0
1,2,3-Trichlorobenzene	0.903	0.912	0.3	1.0	± 30.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: _____ SDG No.: Q3688
 Analytical Method: VOA Level: _____
 Instrument ID: MSVOA_U Date Analyzed: 11/24/2025 Time: 13:10
 Lab File ID: VU063774.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VSTD050117 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	RRF	RRF50	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.432	0.399	0.01	-7.7	± 30.0
Chloroethane-d5	0.333	0.330	0.01	-0.9	± 30.0
1,1-Dichloroethene-d2	0.748	0.737	0.05	-1.6	± 25.0
2-Butanone-d5	0.246	0.234	0.01	-4.9	± 40.0
Chloroform-d	0.724	0.735	0.3	1.4	± 20.0
1,2-Dichloroethane-d4	0.476	0.478	0.06	0.4	± 25.0
Benzene-d6	1.466	1.413	0.3	-3.6	± 20.0
1,2-Dichloropropane-d6	0.430	0.417	0.2	-3	± 20.0
Toluene-d8	1.392	1.347	0.3	-3.2	± 20.0
trans-1,3-Dichloropropene-d4	0.178	0.170	0.01	-4.3	± 20.0
2-Hexanone-d5	0.156	0.150	0.01	-4.3	± 40.0
1,1,2,2-Tetrachloroethane-d2	0.629	0.627	0.2	-0.3	± 25.0
1,2-Dichlorobenzene-d4	0.944	0.949	0.4	0.5	± 20.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: VOA Level:
 Instrument ID: MSVOA_U Date Analyzed: 11/24/2025 Time: 19:29
 Lab File ID: VU063788.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VSTD050118 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	RRF	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.291	0.273	0.01	-6.2	± 50.0
Chloromethane	0.329	0.303	0.01	-8	± 50.0
Vinyl chloride	0.383	0.375	0.01	-2.2	± 50.0
Bromomethane	0.243	0.251	0.01	3.3	± 50.0
Chloroethane	0.256	0.258	0.01	1.1	± 50.0
Trichlorofluoromethane	0.604	0.610	0.01	1.0	± 50.0
1,1-Dichloroethene	0.326	0.309	0.06	-5.5	± 50.0
1,1,2-Trichloro-1,2,2-trifluoroet	0.357	0.341	0.01	-4.5	± 50.0
Acetone	0.333	0.236	0.01	-29.2	± 50.0
Carbon disulfide	0.850	0.687	0.01	-19.1	± 50.0
Methyl Acetate	0.400	0.393	0.01	-1.7	± 50.0
Methylene chloride	0.380	0.374	0.01	-1.6	± 50.0
trans-1,2-Dichloroethene	0.348	0.333	0.1	-4.2	± 50.0
Methyl tert-butyl Ether	1.178	1.143	0.1	-2.9	± 50.0
1,1-Dichloroethane	0.671	0.663	0.3	-1.1	± 50.0
cis-1,2-Dichloroethene	0.401	0.402	0.2	0.3	± 50.0
2-Butanone	0.370	0.288	0.01	-22.2	± 50.0
Bromochloromethane	0.206	0.208	0.05	1.2	± 50.0
Chloroform	0.726	0.739	0.3	1.9	± 50.0
1,1,1-Trichloroethane	0.638	0.611	0.05	-4.4	± 50.0
Cyclohexane	0.629	0.585	0.01	-7.1	± 50.0
Carbon tetrachloride	0.502	0.492	0.1	-2	± 50.0
Benzene	1.525	1.517	0.2	-0.5	± 50.0
1,2-Dichloroethane	0.593	0.611	0.07	3.1	± 50.0
Trichloroethene	0.440	0.432	0.1	-1.8	± 50.0
Methylcyclohexane	0.645	0.603	0.05	-6.5	± 50.0
1,2-Dichloropropane	0.396	0.393	0.1	-0.8	± 50.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: VOA Level:
 Instrument ID: MSVOA_U Date Analyzed: 11/24/2025 Time: 19:29
 Lab File ID: VU063788.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VSTD050118 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	RRF	RRF50	MIN RRF	%D	MAX %D
Bromodichloromethane	0.543	0.537	0.01	-1.1	± 50.0
cis-1,3-Dichloropropene	0.588	0.540	0.3	-8.1	± 50.0
4-Methyl-2-pentanone	0.574	0.560	0.01	-2.3	± 50.0
Toluene	1.684	1.656	0.4	-1.7	± 50.0
trans-1,3-Dichloropropene	0.513	0.447	0.2	-12.9	± 50.0
1,1,2-Trichloroethane	0.419	0.417	0.1	-0.6	± 50.0
Tetrachloroethene	0.336	0.325	0.1	-3.2	± 50.0
2-Hexanone	0.450	0.428	0.01	-5	± 50.0
Dibromochloromethane	0.405	0.381	0.01	-5.8	± 50.0
1,2-Dibromoethane	0.440	0.427	0.01	-3	± 50.0
Chlorobenzene	1.136	1.111	0.4	-2.2	± 50.0
Ethylbenzene	1.955	1.894	0.4	-3.1	± 50.0
o-Xylene	0.726	0.718	0.2	-1	± 50.0
m,p-Xylene	0.745	0.715	0.2	-4.1	± 50.0
Styrene	1.176	1.174	0.2	-0.1	± 50.0
Bromoform	0.568	0.509	0.01	-10.4	± 50.0
Isopropylbenzene	3.772	3.553	0.4	-5.8	± 50.0
1,2,3-Trichloropropane	1.091	1.033	0.01	-5.3	± 50.0
1,1,2,2-Tetrachloroethane	0.683	0.668	0.01	-2.2	± 50.0
1,3-Dichlorobenzene	1.691	1.548	0.5	-8.5	± 50.0
1,4-Dichlorobenzene	1.732	1.563	0.6	-9.7	± 50.0
1,2-Dichlorobenzene	1.639	1.523	0.6	-7.1	± 50.0
1,2-Dibromo-3-chloropropane	0.269	0.238	0.01	-11.6	± 50.0
1,2,4-Trimethylbenzene	2.962	2.781	0.4	-6.1	± 50.0
1,3,5-Trimethylbenzene	3.103	2.914	0.4	-6.1	± 50.0
1,2,4-trichlorobenzene	0.953	0.834	0.4	-12.5	± 50.0
1,2,3-Trichlorobenzene	0.903	0.800	0.3	-11.4	± 50.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: VOA Level:
 Instrument ID: MSVOA_U Date Analyzed: 11/24/2025 Time: 19:29
 Lab File ID: VU063788.D Init. Calib Date(s): 11/17/2025 11/17/2025
 EPA Sample No.: VSTD050118 Init. Calib Time(s): 11:16 12:58
 GC Column: DB-624UI ID: 0.18 (mm) Length: 20 (m)
 Heated Purge: (Y/N) N Purge Volume: 5 (mL)

ANALYTE	$\overline{\text{RRF}}$	RRF50	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.432	0.357	0.01	-17.3	± 50.0
Chloroethane-d5	0.333	0.295	0.01	-11.3	± 50.0
1,1-Dichloroethene-d2	0.748	0.677	0.05	-9.6	± 50.0
2-Butanone-d5	0.246	0.229	0.01	-6.8	± 50.0
Chloroform-d	0.724	0.710	0.3	-2	± 50.0
1,2-Dichloroethane-d4	0.476	0.459	0.06	-3.7	± 50.0
Benzene-d6	1.466	1.364	0.3	-6.9	± 50.0
1,2-Dichloropropane-d6	0.430	0.400	0.2	-7	± 50.0
Toluene-d8	1.392	1.269	0.3	-8.8	± 50.0
trans-1,3-Dichloropropene-d4	0.178	0.148	0.01	-16.8	± 50.0
2-Hexanone-d5	0.156	0.145	0.01	-7.4	± 50.0
1,1,2,2-Tetrachloroethane-d2	0.629	0.613	0.2	-2.5	± 50.0
1,2-Dichlorobenzene-d4	0.944	0.920	0.4	-2.6	± 50.0

LAB CHRONICLE

OrderID:	Q3688	OrderDate:	11/19/2025 4:37:47 PM
Client:	WSP USA Inc.	Project:	Sharkey Landfill Site FYR Reuse Morris County NJ
Contact:	Tricia Landes	Location:	D41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3688-01	M-31S	Water	SVOCMS Group1	SFAM_SVOC	11/19/25	11/21/25	11/25/25	11/19/25
Q3688-04	RBGW-20251119	Water	SVOCMS Group1	SFAM_SVOC	11/19/25	11/21/25	11/25/25	11/19/25
Q3688-06	M-32I	Water	SVOCMS Group1	SFAM_SVOC	11/19/25	11/21/25	11/25/25	11/19/25
Q3688-09	M-31I	Water	SVOCMS Group1	SFAM_SVOC	11/20/25	11/21/25	11/25/25	11/20/25
Q3688-10	M-32S	Water	SVOCMS Group1	SFAM_SVOC	11/20/25	11/21/25	11/25/25	11/20/25
Q3688-11	RBGW-20251120	Water	SVOCMS Group1	SFAM_SVOC	11/20/25	11/21/25	11/25/25	11/20/25
Q3688-12	M-30S	Water	SVOCMS Group1	SFAM_SVOC	11/20/25	11/24/25	11/26/25	11/20/25
Q3688-13	M-30I	Water	SVOCMS Group1	SFAM_SVOC	11/20/25	11/24/25	11/26/25	11/20/25
Q3688-15	FDGW-20251120	Water	SVOCMS Group1	SFAM_SVOC	11/20/25	11/24/25	11/26/25	11/20/25
Q3688-16	WS-14	Water	SVOCMS Group1	SFAM_SVOC	11/21/25	11/24/25	11/26/25	11/21/25
Q3688-17	M-29	Water	SVOCMS Group1	SFAM_SVOC	11/21/25	11/24/25	11/26/25	11/21/25
Q3688-18	RBGW-20251121	Water			11/21/25			11/21/25

LAB CHRONICLE

			SVOCMS Group1	SFAM_SVOC	11/24/25	11/26/25	
Q3688-19	M-28I	Water			11/21/25		11/21/25
			SVOCMS Group1	SFAM_SVOC	11/24/25	11/26/25	
Q3688-20	WS-1	Water			11/21/25		11/21/25
			SVOCMS Group1	SFAM_SVOC	11/24/25	11/26/25	
Q3688-22	RBGW-20251124	Water			11/24/25		11/24/25
			SVOCMS Group1	SFAM_SVOC	11/25/25	11/26/25	
Q3688-23	M-28S	Water			11/24/25		11/24/25
			SVOCMS Group1	SFAM_SVOC	11/25/25	11/26/25	

Hit Summary Sheet SW-846

SDG No.: Q3688

Client: WSP USA Inc.

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : M-31S							
Q3688-01	M-31S	WATER Caprolactam	*	9.000	J 3.1	10	ug/L
		Total Tics :		9.00			
		Total Concentration:		9.00			
Client ID : M-32I							
Q3688-06	M-32I	WATER Caprolactam	*	9.700	J 3.1	10	ug/L
		Total Tics :		9.70			
		Total Concentration:		9.70			
Client ID : M-31I							
Q3688-09	M-31I	WATER Benzophenone	*	2.600	J 0	0	ug/L
Q3688-09	M-31I	WATER Caprolactam	*	3.600	J 3.1	10	ug/L
		Total Tics :		6.20			
		Total Concentration:		6.20			
Client ID : M-32S							
Q3688-10	M-32S	WATER Benzophenone	*	2.100	J 0	0	ug/L
Q3688-10	M-32S	WATER Total Alkanes	*	17.000	1.5	5	ug/L
Q3688-10	M-32S	WATER Caprolactam	*	3.100	J 3.1	10	ug/L
		Total Tics :		22.20			
		Total Concentration:		22.20			
Client ID : RBGW-20251120							
Q3688-11	RBGW-20251120	WATER Total Alkanes	*	12.000	1.5	5	ug/L
		Total Tics :		12.00			
		Total Concentration:		12.00			
Client ID : M-30S							
Q3688-12	M-30S	WATER Total Alkanes	*	5.600	1.5	5	ug/L
Q3688-12	M-30S	WATER Caprolactam	*	3.800	J 3.1	10	ug/L
		Total Tics :		9.40			
		Total Concentration:		9.40			
Client ID : M-30I							
Q3688-13	M-30I	WATER Total Alkanes	*	2.800	1.5	5.1	ug/L
Q3688-13	M-30I	WATER Caprolactam	*	37.000	J 3.1	10	ug/L
		Total Tics :		39.80			
		Total Concentration:		39.80			
Client ID : FDGW-20251120							
Q3688-15	FDGW-20251120	WATER Total Alkanes	*	2.300	1.5	5.1	ug/L
Q3688-15	FDGW-20251120	WATER Caprolactam	*	4.000	J 3.2	10	ug/L

Hit Summary Sheet SW-846

SDG No.: Q3688
Client: WSP USA Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	6.30				
			Total Concentration:	6.30				
Client ID :	WS-14							
Q3688-16	WS-14	WATER	Total Alkanes	*	5.800	1.5	5	ug/L
Q3688-16	WS-14	WATER	Caprolactam	*	3.800	J 3.1	10	ug/L
			Total Tics :	9.60				
			Total Concentration:	9.60				
Client ID :	M-28I							
Q3688-19	M-28I	WATER	Benzophenone	*	2.600	J 0	0	ug/L
Q3688-19	M-28I	WATER	Sulfurous acid, butyl tridecyl est	*	2.400	J 0	0	ug/L
Q3688-19	M-28I	WATER	Caprolactam	*	7.800	J 3.1	10	ug/L
			Total Tics :	12.80				
			Total Concentration:	12.80				
Client ID :	WS-1							
Q3688-20	WS-1	WATER	Benzophenone	*	4.000	J 0	0	ug/L
Q3688-20	WS-1	WATER	n-Hexadecanoic acid	*	2.500	J 0	0	ug/L
Q3688-20	WS-1	WATER	Caprolactam	*	8.300	J 3.2	10	ug/L
			Total Tics :	14.80				
			Total Concentration:	14.80				
Client ID :	M-28S							
Q3688-23	M-28S	WATER	1,4-Dioxane	*	16.000	J 0.79	2.1	ug/L
Q3688-23	M-28S	WATER	Caprolactam	*	11.000	J 3.2	10	ug/L
			Total Tics :	27.00				
			Total Concentration:	27.00				



SAMPLE DATA

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-01
Lab File ID : BG064859.D
Date Received : 11/19/2025
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.0	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-31S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-01
Lab File ID : BG064859.D
Date Received : 11/19/2025
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (μL)
Extraction Type : CONH
Injection Volume : 1.0 (μL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

	CAS NO.	ANALYTE	RT	EST. CONC.	Q
1	105-60-2	Caprolactam	11.857	9.0	JN
2	E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251119

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 970 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-04
Lab File ID : BG064862.D
Date Received : 11/19/2025
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.2	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.2	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RBGW-20251119

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 970 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-04
Lab File ID : BG064862.D
Date Received : 11/19/2025
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (μL)
Extraction Type : CONH
Injection Volume : 1.0 (μL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-32I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-06
Lab File ID : BG064863.D
Date Received : 11/19/2025
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 11 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.0	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-32I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-06
Lab File ID : BG064863.D
Date Received : 11/19/2025
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 11 Dilution Factor : 1.0
Cleanup Factor : 1.0

	CAS NO.	ANALYTE	RT	EST. CONC.	Q
1	105-60-2	Caprolactam	11.863	9.7	JN
2	E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids : _____
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) _____
Purge Volume : _____ (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-09
Lab File ID : BG064864.D
Date Received : 11/20/2025
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.1	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.1	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-31I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-09
Lab File ID : BG064864.D
Date Received : 11/20/2025
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

	CAS NO.	ANALYTE	RT	EST. CONC.	Q
1	105-60-2	Caprolactam	11.872	3.6	JN
2	000119-61-9	Benzophenone	16.102	2.6	JN
3	E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-32S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-10
Lab File ID : BG064865.D
Date Received : 11/20/2025
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.0	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-32S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-10
Lab File ID : BG064865.D
Date Received : 11/20/2025
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (μL)
Extraction Type : CONH
Injection Volume : 1.0 (μL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

	CAS NO.	ANALYTE	RT	EST. CONC.	Q
1	105-60-2	Caprolactam	11.856	3.1	JN
2	000119-61-9	Benzophenone	16.104	2.1	JN
3	E966796	Total Alkanes	N/A	17	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids : _____
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) _____
Purge Volume : _____ (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-11
Lab File ID : BG064866.D
Date Received : 11/20/2025
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.0	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RBGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-11
Lab File ID : BG064866.D
Date Received : 11/20/2025
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (μL)
Extraction Type : CONH
Injection Volume : 1.0 (μL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	12	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-30S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids : _____
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) _____
Purge Volume : _____ (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-12
Lab File ID : BG064885.D
Date Received : 11/20/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.0	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-30S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids : _____
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : _____ (μL)
Heated Purge : (Y/N) _____
Purge Volume : _____ (mL)
Cleanup Types : _____
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-12
Lab File ID : BG064885.D
Date Received : 11/20/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (μL)
Extraction Type : CONH
Injection Volume : 1.0 (μL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

	CAS NO.	ANALYTE	RT	EST. CONC.	Q
1	105-60-2	Caprolactam	11.847	3.8	JN
2	E966796	Total Alkanes	N/A	5.6	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-30I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-13
Lab File ID : BG064886.D
Date Received : 11/20/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.1	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.1	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-30I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-13
Lab File ID : BG064886.D
Date Received : 11/20/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (μL)
Extraction Type : CONH
Injection Volume : 1.0 (μL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

	CAS NO.	ANALYTE	RT	EST. CONC.	Q
1	105-60-2	Caprolactam	11.869	37	JN
2	E966796	Total Alkanes	N/A	2.8	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

FDGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 980 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-15
Lab File ID : BG064887.D
Date Received : 11/20/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.1	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.1	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FDGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 980 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-15
Lab File ID : BG064887.D
Date Received : 11/20/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (μL)
Extraction Type : CONH
Injection Volume : 1.0 (μL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

	CAS NO.	ANALYTE	RT	EST. CONC.	Q
1	105-60-2	Caprolactam	11.849	4.0	JN
2	E966796	Total Alkanes	N/A	2.3	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

WS-14

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-16
Lab File ID : BG064888.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.0	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

WS-14

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-16
Lab File ID : BG064888.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

	CAS NO.	ANALYTE	RT	EST. CONC.	Q
1	105-60-2	Caprolactam	11.862	3.8	JN
2	E966796	Total Alkanes	N/A	5.8	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-29

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids : _____
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) _____
Purge Volume : _____ (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-17
Lab File ID : BG064889.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.0	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-29

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-17
Lab File ID : BG064889.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (μL)
Extraction Type : CONH
Injection Volume : 1.0 (μL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251121

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-18
Lab File ID : BG064895.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.0	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RBGW-20251121

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-18
Lab File ID : BG064895.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-28I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-19
Lab File ID : BG064896.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.1	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.1	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-28I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-19
Lab File ID : BG064896.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

	CAS NO.	ANALYTE	RT	EST. CONC.	Q
1	105-60-2	Caprolactam	11.854	7.8	JN
2	000119-61-9	Benzophenone	16.108	2.6	JN
3	1000309-18-0	Sulfurous acid, butyl tridecyl est	26.178	2.4	JN
4	E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

WS-1

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 980 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-20
Lab File ID : BG064897.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.1	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.1	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

WS-1

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 980 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-20
Lab File ID : BG064897.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (μL)
Extraction Type : CONH
Injection Volume : 1.0 (μL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

	CAS NO.	ANALYTE	RT	EST. CONC.	Q
1	105-60-2	Caprolactam	11.861	8.3	JN
2	000119-61-9	Benzophenone	16.104	4.0	JN
3	000057-10-3	n-Hexadecanoic acid	18.366	2.5	JN
4	E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251124

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-22
Lab File ID : BG064898.D
Date Received : 11/24/2025
Date Extracted : 11/25/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.1	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.1	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RBGW-20251124

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-22
Lab File ID : BG064898.D
Date Received : 11/24/2025
Date Extracted : 11/25/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (μL)
Extraction Type : CONH
Injection Volume : 1.0 (μL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-28S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 960 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-23
Lab File ID : BG064899.D
Date Received : 11/24/2025
Date Extracted : 11/25/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.2	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.2	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

M-28S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 960 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-23
Lab File ID : BG064899.D
Date Received : 11/24/2025
Date Extracted : 11/25/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

	CAS NO.	ANALYTE	RT	EST. CONC.	Q
1	123-91-1	1,4-Dioxane	3.523	16	JN
2	105-60-2	Caprolactam	11.854	11	JN
3	E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)



QC SUMMARY

FORM 2A-OR
DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name : Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code : ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method : SVOA Level :
 Matrix : Water

EPA Sample No .	DMC1 (DXE)	DMC2 (PHL)	DMC3 (BCE)	DMC4 (2CP)	DMC5 (4MP)	DMC6 (4CA)	DMC7 (NBZ)	DMC8 (2NP)	DMC9 (DCP)
FDGW-20251120	85	25	57	63	54	60	68	76	76
M-28I	100	20	66	67	42	72	90	93	81
M-28S	52	28	74	75	56	81	90	89	81
M-29	95	19	64	64	43	60	83	83	75
M-30I	102	20	61	66	47	69	77	81	83
M-30S	104	27	53	59	57	65	70	73	77
M-31I	57	20	57	58	40	67	72	77	68
M-31S	32	17	54	49	11 *	26	54	58	49
M-31SMS	46	25	53	59	47	63	66	66	73
M-31SMSD	45	23	48	51	41	58	60	65	65
M-32I	46	20	60	57	23 *	42	69	72	67
M-32S	58	20	72	67	48	59	82	83	75
RBGW-20251119	47	16	49	50	32	53	65	67	61
RBGW-20251120	46	20	65	64	43	29	76	83	71
RBGW-20251121	107	20	73	75	45	80	102	105	95
RBGW-20251124	49	15	73	68	39	79	99	96	87
SBLK717	59	67	66	72	64	65	70	70	63
SBLK719	51	61	55	69	62	62	68	69	66
SBLK721	114	69	60	79	69	71	76	79	78
SBLK723	107	70	63	83	70	76	84	89	82
SBLK741	54	67	59	77	64	67	77	78	75
SLCS717	75	84	81	91	84	58	83	87	90
SLCS719	50	70	61	77	69	53	77	79	82
SLCS721	104	78	66	88	78	58	86	91	92
SLCS723	128 *	85	71	93	83	63	95	98	104
SLCS741	55	76	65	87	78	60	86	92	97
WS-1	95	20	64	68	46	60	86	89	86
WS-14	95	19	72	70	46	66	89	96	86

QC LIMITS

DMC1 (DXE) = 1,4-Dioxane-d8	40 - 110
DMC2 (PHL) = Phenol-d5	10 - 130
DMC3 (BCE) = Bis(2-Chloroethyl)ether-d8	25 - 120
DMC4 (2CP) = 2-Chlorophenol-d4	20 - 130
DMC5 (4MP) = 4-Methylphenol-d8	25 - 125
DMC6 (4CA) = 4-Chloroaniline-d4	1 - 146
DMC7 (NBZ) = Nitrobenzene-d5	20 - 125
DMC8 (2NP) = 2-Nitrophenol-d4	20 - 130
DMC9 (DCP) = 2,4-Dichlorophenol-d3	20 - 120

FORM 2B-OR
DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code : ACE Case No.: Sharkey La MA No.: _____ SDG No.: Q3688
 Analytical Method : SVOA Level : _____
 Matrix : Water

EPA Sample No .	DMC10 (DMP)	DMC11 ACY	DMC12 (4NP)	DMC13 (FLR)	DMC14 (NMP)	DMC15 (ANC)	DMC16 (PYR)	DMC17 (BAP)	Tot Out
FDGW-20251120	88	77	15	87	85	92	93	86	0
M-28I	92	88	19	95	76	98	96	98	0
M-28S	98	96	15	100	79	105	107	108	0
M-29	85	80	18	87	78	88	91	92	0
M-30I	91	81	21	93	89	103	106	106	0
M-30S	98	80	21	91	84	96	98	91	0
M-31I	83	72	20	85	77	97	101	98	0
M-31S	70	56	20	66	61	74	82	70	2
M-31SMS	87	67	35	80	99	91	91	91	0
M-31SMSD	80	62	34	74	93	83	83	84	0
M-32I	89	67	23	84	81	92	99	95	1
M-32S	97	83	19	93	77	99	104	100	0
RBGW-20251119	75	65	16	74	62	85	84	90	0
RBGW-20251120	93	79	18	88	76	95	101	99	1
RBGW-20251121	105	99	21	109	92	110	112	112	0
RBGW-20251124	100	100	16	107	86	111	113	116	0
SBLK717	74	73	52	73	50	74	76	75	0
SBLK719	68	67	52	70	48	68	68	70	0
SBLK721	77	75	60	77	57	78	79	81	0
SBLK723	81	81	59	83	58	84	83	86	0
SBLK741	74	73	63	77	51	74	76	79	0
SLCS717	85	82	87	82	82	82	82	85	0
SLCS719	71	71	75	73	77	72	71	74	0
SLCS721	81	81	75	83	86	80	82	84	0
SLCS723	96	94	90	97	101	91	96	97	1
SLCS741	84	83	78	86	89	81	85	85	0
WS-1	92	87	17	91	82	90	93	89	0

QC LIMITS

DMC10 (DMP) = Dimethylphthalate-d6	25 - 130
DMC11 (ACY) = Acenaphthylene-d8	10 - 130
DMC12 (4NP) = 4-Nitrophenol-d4	10 - 150
DMC13 (FLR) = Fluorene-d10	25 - 125
DMC14 (NMP) = 4,6-Dinitro-2-methylphenol-d2	10 - 130
DMC15 (ANC) = Anthracene-d10	25 - 130
DMC16 (PYR) = Pyrene-d10	15 - 130
DMC17 (BAP) = Benzo(a)pyrene-d12	20 - 130

FORM 2B-OR
DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code : ACE Case No.: Sharkey La MA No.: _____ SDG No.: Q3688
 Analytical Method : SVOA Level : _____
 Matrix : Water

EPA Sample No .	DMC10 (DMP)	DMC11 ACY	DMC12 (4NP)	DMC13 (FLR)	DMC14 (NMP)	DMC15 (ANC)	DMC16 (PYR)	DMC17 (BAP)	Tot Out
WS-14	97	92	17	97	85	101	101	99	0

QC LIMITS

DMC10 (DMP) = Dimethylphthalate-d6	25 - 130
DMC11 (ACY) = Acenaphthylene-d8	10 - 130
DMC12 (4NP) = 4-Nitrophenol-d4	10 - 150
DMC13 (FLR) = Fluorene-d10	25 - 125
DMC14 (NMP) = 4,6-Dinitro-2-methylphenol-d2	10 - 130
DMC15 (ANC) = Anthracene-d10	25 - 130
DMC16 (PYR) = Pyrene-d10	15 - 130
DMC17 (BAP) = Benzo(a)pyrene-d12	20 - 130

FORM 3A-OR
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code : ACE Case No. : Sharkey Lab MA No. : _____ SDG No. : Q3688
 Analytical Method : SVOA Level : LOW
 Matrix Water
 EPA Sample No. (Matrix Spike/Matrix Spike Duplicate): M-31S
 Instrument ID : BNA_G GC Column ZB-GR ID : 0.25 (mm)
 Concentration Units (ug/L,mg/L ug/kg): ug/L

ANALYTE	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS %R #	QC Limits %R
N-Nitrosodiphenylamine	40.4	0	34	84	0 - 0
Bis(2-ethylhexyl)phthalate	40.4	0	33	82	0 - 0

ANALYTE	SPIKE ADDED	MSD CONCENTRATION	MSD %R #	RPD	QC Limits	
					RPD	%R
N-Nitrosodiphenylamine	40.8	32	78	7	0	0 - 0
Bis(2-ethylhexyl)phthalate	40.8	31	76	8	0	0 - 0

FORM 3B-OR
LABORATORY CONTROL
SAMPLE RECOVERY

EPA SAMPLE NO.

SLCS717

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
Lab Code : ACE Case No. : Sharkey La MA No.: SDG No.: Q3688
Analytical Method: SVOA
Matrix : Water Lab Sample ID : PB170717BS
LCS Lot No. : Date Extracted :
Concentration Units (ug/L, ug/kg) : ug/L
Instrument ID () : BNA_G GC Column () : 0.25 ID : ZB-GR (mm)
Date Analyzed () : 11/25/2025

ANALYTE	AMOUNT ADDED	AMOUNT RECOVERED	% R	QC LIMITS
N-Nitrosodiphenylamine	40	32	80	0-0
Bis(2-ethylhexyl)phtha	40	33	83	0-0

FORM 3B-OR
LABORATORY CONTROL
SAMPLE RECOVERY

EPA SAMPLE NO.

SLCS721

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
Lab Code : ACE Case No. : Sharkey La MA No.: SDG No.: Q3688
Analytical Method: SVOA
Matrix : Water Lab Sample ID : PB170721BS
LCS Lot No. : Date Extracted :
Concentration Units (ug/L, ug/kg) : ug/L
Instrument ID () : BNA_G GC Column () : 0.25 ID : ZB-GR (mm)
Date Analyzed () : 11/26/2025

ANALYTE	AMOUNT ADDED	AMOUNT RECOVERED	% R	QC LIMITS
N-Nitrosodiphenylamine	40	31	78	0-0
Bis(2-ethylhexyl)phtha	40	28	70	0-0

FORM 3B-OR
LABORATORY CONTROL
SAMPLE RECOVERY

EPA SAMPLE NO.

SLCS723

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
Lab Code : ACE Case No. : Sharkey La MA No.: SDG No.: Q3688
Analytical Method: SVOA
Matrix : Water Lab Sample ID : PB170723BS
LCS Lot No. : Date Extracted :
Concentration Units (ug/L, ug/kg) : ug/L
Instrument ID () : BNA_G GC Column () : 0.25 ID : ZB-GR (mm)
Date Analyzed () : 11/26/2025

ANALYTE	AMOUNT ADDED	AMOUNT RECOVERED	% R	QC LIMITS
N-Nitrosodiphenylamine	40	36	90	0-0
Bis(2-ethylhexyl)phtha	40	34	85	0-0

FORM 3B-OR
LABORATORY CONTROL
SAMPLE RECOVERY

EPA SAMPLE NO.

SLCS741

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
Lab Code : ACE Case No. : Sharkey La MA No.: SDG No.: Q3688
Analytical Method: SVOA
Matrix : Water Lab Sample ID : PB170741BS
LCS Lot No. : Date Extracted :
Concentration Units (ug/L, ug/kg) : ug/L
Instrument ID () : BNA_G GC Column () : 0.25 ID : ZB-GR (mm)
Date Analyzed () : 11/26/2025

ANALYTE	AMOUNT ADDED	AMOUNT RECOVERED	% R	QC LIMITS
N-Nitrosodiphenylamine	40	31	78	0-0
Bis(2-ethylhexyl)phtha	40	29	73	0-0

Lab Name : <u>Alliance Technical Group, LLC</u>	Contract : <u>68HERH20D0011</u>
Lab Code: <u>ACE</u> Case No.: <u>Sharkey Land</u>	MA No. : <u> </u> sdg no.: <u>Q3688</u>
Analytical Method: <u>SVOA</u>	Level : <u> </u>
Matrix : <u>Water</u>	Lab Sample ID: <u>PB170717BL</u>
Instrument ID: <u>BNA_G</u>	Lab File ID : <u>BG064857.D</u>
Extraction Type : <u>CONH</u>	Date Extracted : <u>11/21/2025</u>
GC Column () : <u>ZB-GR</u> ID : <u>0.25</u> (mm)	Date Analyzed : <u>11/25/2025</u>
GC Column () : <u> </u> ID : <u> </u> (mm)	Time Analyzed : <u>12:28</u>
Heated Purge: (Y/N) <u> </u> Cleanup (Y/N): <u>N</u>	Cleanup Types : <u> </u>

FORM 4-OR
METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK719

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey Land MA No. : sdg no.: Q3688
 Analytical Method: SVOA Level :
 Matrix : Water Lab Sample ID: PB170719BL
 Instrument ID: BNA_G Lab File ID : BG064868.D
 Extraction Type : CONH Date Extracted : 11/21/2025
 GC Column () : ZB-GR ID : 0.25 (mm) Date Analyzed : 11/25/2025
 GC Column () : ID : (mm) Time Analyzed : 20:00
 Heated Purge: (Y/N) Cleanup(Y/N): N Cleanup Types :

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
RBGW-20251119	Q3688-04	BG064862.D	11/25/2025 15:55
M-32I	Q3688-06	BG064863.D	11/25/2025 16:36
M-31I	Q3688-09	BG064864.D	11/25/2025 17:17
M-32S	Q3688-10	BG064865.D	11/25/2025 17:58
RBGW-20251120	Q3688-11	BG064866.D	11/25/2025 18:38
SLCS719	PB170719BS	BG064867.D	11/25/2025 19:19

FORM 4-OR
METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK721

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey Land MA No. : sdg no.: Q3688
 Analytical Method: SVOA Level :
 Matrix : Water Lab Sample ID: PB170721BL
 Instrument ID: BNA_G Lab File ID : BG064883.D
 Extraction Type : CONH Date Extracted : 11/24/2025
 GC Column () : ZB-GR ID : 0.25 (mm) Date Analyzed : 11/26/2025
 GC Column () : ID : (mm) Time Analyzed : 10:54
 Heated Purge: (Y/N) Cleanup(Y/N): N Cleanup Types :

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
M-30S	Q3688-12	BG064885.D	11/26/2025 12:16
M-30I	Q3688-13	BG064886.D	11/26/2025 12:57
FDGW-20251120	Q3688-15	BG064887.D	11/26/2025 13:38
WS-14	Q3688-16	BG064888.D	11/26/2025 14:19
SLCS721	PB170721BS	BG064892.D	11/26/2025 17:04

FORM 4-OR
METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK723

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey Land MA No. : sdg no.: Q3688
 Analytical Method: SVOA Level :
 Matrix : Water Lab Sample ID: PB170723BL
 Instrument ID: BNA_G Lab File ID : BG064884.D
 Extraction Type : CONH Date Extracted : 11/24/2025
 GC Column () : ZB-GR ID : 0.25 (mm) Date Analyzed : 11/26/2025
 GC Column () : ID : (mm) Time Analyzed : 11:35
 Heated Purge: (Y/N) Cleanup(Y/N): N Cleanup Types :

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
M-29	Q3688-17	BG064889.D	11/26/2025 15:00
SLCS723	PB170723BS	BG064893.D	11/26/2025 17:45
RBGW-20251121	Q3688-18	BG064895.D	11/26/2025 19:06
M-28I	Q3688-19	BG064896.D	11/26/2025 19:47
WS-1	Q3688-20	BG064897.D	11/26/2025 20:28

Lab Name : <u>Alliance Technical Group, LLC</u>	Contract : <u>68HERH20D0011</u>
Lab Code: <u>ACE</u> Case No.: <u>Sharkey Land</u>	MA No. : _____ sdg no.: <u>Q3688</u>
Analytical Method: <u>SVOA</u>	Level : _____
Matrix : <u>Water</u>	Lab Sample ID: <u>PB170741BL</u>
Instrument ID: <u>BNA_G</u>	Lab File ID : <u>BG064891.D</u>
Extraction Type : <u>CONH</u>	Date Extracted : <u>11/25/2025</u>
GC Column () : <u>ZB-GR</u> ID : <u>0.25</u> (mm)	Date Analyzed : <u>11/26/2025</u>
GC Column () : _____ ID : _____ (mm)	Time Analyzed : <u>16:23</u>
Heated Purge: (Y/N) _____ Cleanup(Y/N): <u>N</u>	Cleanup Types : _____

FORM 5-OR
GC/MS INSTRUMENT PERFORMANCE CHECK

EPA SAMPLE NO.

DFTPP460

Lab Name : Alliance Technical Group, LLC

Contract : 68HERH20D0011

Lab Code: ACE Case No.: Sharkey Lai

MA No. : SDG No.: Q3688

Analytical Method : SVOA

Lab File ID : BG064847.D

Instrument ID: BNA_G

BFB / DFTPP : DFTPP

GC Column : ZB-GR ID : 0.25 (mm)

Injection Date : 11/24/2025

Injection Time : 13:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.8
68	Less than 2.0% of mass 69	0.3(1.2) 1
69	Present	27.6
70	Less than 2.0% of mass 69	0.1(0.2) 1
127	10.0 - 80.0% of mass 198	35.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 60.0% of mass 198	36.3
365	Greater than 1% of mass 198	5.3
441	Present, but less than mass 443	12.8
442	Greater than 50.0% of mass 198	83.4
443	15.0 - 24.0% of mass 442	16.5(19.8) 2

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD005419	SSTD00519	BG064848.D	11/24/2025	14:04
SSTD010420	SSTD01020	BG064849.D	11/24/2025	14:45
SSTD020421	SSTD02021	BG064850.D	11/24/2025	15:26
SSTD040422	SSTD04022	BG064851.D	11/24/2025	16:06
SSTD080423	SSTD08023	BG064852.D	11/24/2025	16:46
SSTD160424	SSTD16024	BG064853.D	11/24/2025	17:27
SICV425	SSTDICV020	BG064854.D	11/24/2025	18:08

FORM 5-OR
GC/MS INSTRUMENT PERFORMANCE CHECK

EPA SAMPLE NO.

DFTPP461

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lai
Analytical Method : SVOA
Instrument ID: BNA_G
GC Column : ZB-GR ID : 0.25 (mm)
Injection Date : 11/25/2025

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Lab File ID : BG064855.D
BFB / DFTPP : DFTPP
Injection Time : 10:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Present	27.1
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	36.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.4
275	10.0 - 60.0% of mass 198	34.1
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	13.8
442	Greater than 50.0% of mass 198	84.1
443	15.0 - 24.0% of mass 442	16 (19) 2

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020454	SSTDCCC020	BG064856.D	11/25/2025	11:10
SBLK717	PB170717BL	BG064857.D	11/25/2025	12:28
SLCS717	PB170717BS	BG064858.D	11/25/2025	13:09
M-31S	Q3688-01	BG064859.D	11/25/2025	13:52
M-31SMS	Q3688-02MS	BG064860.D	11/25/2025	14:33
M-31SMSD	Q3688-03MSD	BG064861.D	11/25/2025	15:14
RBGW-20251119	Q3688-04	BG064862.D	11/25/2025	15:55
M-32I	Q3688-06	BG064863.D	11/25/2025	16:36
M-31I	Q3688-09	BG064864.D	11/25/2025	17:17
M-32S	Q3688-10	BG064865.D	11/25/2025	17:58
RBGW-20251120	Q3688-11	BG064866.D	11/25/2025	18:38
SLCS719	PB170719BS	BG064867.D	11/25/2025	19:19
SBLK719	PB170719BL	BG064868.D	11/25/2025	20:00
SSTD020455	SSTDCCC020	BG064869.D	11/25/2025	21:22
SSTD020456	SSTDCCC020	BG064882.D	11/26/2025	06:54
SBLK721	PB170721BL	BG064883.D	11/26/2025	10:54
SBLK723	PB170723BL	BG064884.D	11/26/2025	11:35
M-30S	Q3688-12	BG064885.D	11/26/2025	12:16
M-30I	Q3688-13	BG064886.D	11/26/2025	12:57
FDGW-20251120	Q3688-15	BG064887.D	11/26/2025	13:38
WS-14	Q3688-16	BG064888.D	11/26/2025	14:19
M-29	Q3688-17	BG064889.D	11/26/2025	15:00
SSTD020457	SSTDCCC020	BG064890.D	11/26/2025	15:42
SBLK741	PB170741BL	BG064891.D	11/26/2025	16:23

FORM 5-OR
GC/MS INSTRUMENT PERFORMANCE CHECK

EPA SAMPLE NO.

DFTPP461

Lab Name : Alliance Technical Group, LLC

Contract : 68HERH20D0011

Lab Code: ACE Case No.: Sharkey Lai

MA No. : SDG No.: Q3688

Analytical Method : SVOA

Lab File ID : BG064855.D

Instrument ID: BNA_G

BFB / DFTPP : DFTPP

GC Column : ZB-GR ID : 0.25 (mm)

Injection Date : 11/25/2025

Injection Time : 10:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Present	27.1
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	36.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.4
275	10.0 - 60.0% of mass 198	34.1
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	13.8
442	Greater than 50.0% of mass 198	84.1
443	15.0 - 24.0% of mass 442	16 (19) 2

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SLCS721	PB170721BS	BG064892.D	11/26/2025	17:04
SLCS723	PB170723BS	BG064893.D	11/26/2025	17:45
SLCS741	PB170741BS	BG064894.D	11/26/2025	18:25
RBGW-20251121	Q3688-18	BG064895.D	11/26/2025	19:06
M-28I	Q3688-19	BG064896.D	11/26/2025	19:47
WS-1	Q3688-20	BG064897.D	11/26/2025	20:28
RBGW-20251124	Q3688-22	BG064898.D	11/26/2025	21:09
M-28S	Q3688-23	BG064899.D	11/26/2025	21:50
SSTD020458	SSTDCCC020EC	BG064900.D	11/26/2025	22:31

FORM 8A-OR
INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey MA No.: SDG No.: Q3688
 Analytical Method: SVOA Level : LOW
 EPA Sample No. : SSTD020454 Lab File ID (Standard) : BG064856.D
 Instrument ID : BNA G Init.Calib.Date(s): 11/24/2025
 GC Column : ZB-GR ID: 0.25 (mm) Date Analyzed : 11/25/2025
 Heated Purge: Time Analyzed : 11:10

	IS1 (DCB) AREA	RT	IS2 (NPT) AREA	RT	IS3 (ANT) AREA	RT
12 HOUR STD	33635	8.155	139965	10.97	118841	14.77
UPPER LIMIT	67270	8.65	279930	11.46	237682	15.26
LOWER LIMIT	16817.5	7.65	69982.5	10.46	59420.5	14.26
EPA SAMPLE NO.						
M-31SMS	23571	8.15	95070	10.97	83007	14.77
M-31SMSD	27494	8.16	108035	10.98	94243	14.77
RBGW-20251119	25307	8.16	93584	10.97	84618	14.77
M-32I	18190	8.16	71017	10.97	66815	14.77
M-31I	19889	8.16	76023	10.97	72250	14.77
SBLK719	24120	8.15	94265	10.98	88100	14.77
SLCS719	27899	8.16	107933	10.98	101535	14.77
M-32S	20582	8.16	84782	10.98	76060	14.77
RBGW-20251120	24146	8.16	91717	10.97	83739	14.77
SBLK717	36472	8.15	138291	10.97	121336	14.77
SLCS717	32091	8.16	132576	10.97	113356	14.77
M-31S	38241	8.16	152919	10.97	130651	14.77

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = 200% of internal standard area
 AREA LOWER LIMIT = 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

FORM 8A-OR
INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: SVOA Level: LOW
 EPA Sample No. : SSTD020454 Lab File ID (Standard) : BG064856.D
 Instrument ID : BNA G Init.Calib.Date(s): 11/24/2025
 GC Column : ZB-GR ID: 0.25 (mm) Date Analyzed : 11/25/2025
 Heated Purge: Time Analyzed : 11:10

	IS4 (PHN) AREA	RT	IS5 (CRY) AREA	RT	IS6 (PRY) AREA	RT
12 HOUR STD	296436	17.50	372851	21.74	407786	24.994
UPPER LIMIT	592872	18.00	745702	22.24	815572	25.494
LOWER LIMIT	148218	17.00	186426	21.24	203893	24.494
EPA SAMPLE NO.						
M-31SMS	211567	17.50	262166	21.75	292313	25.00
M-31SMSD	243275	17.50	312755	21.75	345076	25.00
RBGW-20251119	220257	17.49	301213	21.74	323864	24.99
M-32I	178026	17.50	239888	21.74	267060	24.99
M-31I	188875	17.50	246609	21.74	275577	24.99
SBLK719	239459	17.50	324540	21.74	356720	25.00
SLCS719	269446	17.50	371388	21.75	398646	25.00
M-32S	198464	17.50	248527	21.75	274864	24.99
RBGW-20251120	222513	17.49	276177	21.74	303405	25.00
SBLK717	313183	17.49	411186	21.74	445430	25.00
SLCS717	291078	17.50	373019	21.74	410007	25.00
M-31S	331102	17.50	423872	21.74	460320	25.00

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = 200% of internal standard area
 AREA LOWER LIMIT = 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

FORM 8A-OR
INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey MA No.: SDG No.: Q3688
 Analytical Method: SVOA Level : LOW
 EPA Sample No. : SSTD020456 Lab File ID (Standard) : BG064882.D
 Instrument ID : BNA G Init.Calib.Date(s): 11/24/2025
 GC Column : ZB-GR ID: 0.25 (mm) Date Analyzed : 11/26/2025
 Heated Purge: Time Analyzed : 06:54

	IS1 (DCB) AREA	RT	IS2 (NPT) AREA	RT	IS3 (ANT) AREA	RT
12 HOUR STD	23342	8.155	89916	10.98	80198	14.77
UPPER LIMIT	46684	8.65	179832	11.47	160396	15.27
LOWER LIMIT	11671	7.65	44958	10.47	40099	14.27
EPA SAMPLE NO.						
SBLK723	24283	8.16	86769	10.97	81265	14.77
M-30S	25416	8.15	97364	10.97	85215	14.77
M-30I	22311	8.16	90833	10.97	85399	14.77
FDGW-20251120	26127	8.15	102976	10.97	92252	14.77
WS-14	23964	8.15	94236	10.98	83492	14.77
M-29	25790	8.15	98988	10.98	90021	14.77
SBLK721	23668	8.15	91326	10.97	86159	14.77

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = 200% of internal standard area
 AREA LOWER LIMIT = 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

FORM 8A-OR
INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: SVOA Level: LOW
 EPA Sample No. : SSTD020456 Lab File ID (Standard) : BG064882.D
 Instrument ID : BNA G Init.Calib.Date(s): 11/24/2025
 GC Column : ZB-GR ID: 0.25 (mm) Date Analyzed : 11/26/2025
 Heated Purge: Time Analyzed : 06:54

	IS4 (PHN) AREA	RT	IS5 (CRY) AREA	RT	IS6 (PRY) AREA	RT
12 HOUR STD	210331	17.50	269430	21.75	305050	25
UPPER LIMIT	420662	18.00	538860	22.25	610100	25.5
LOWER LIMIT	105166	17.00	134715	21.25	152525	24.5
EPA SAMPLE NO.						
SBLK723	214286	17.50	287929	21.74	319508	25.00
M-30S	222838	17.50	283553	21.74	315734	25.00
M-30I	220636	17.50	286082	21.75	320835	25.00
FDGW-20251120	235079	17.50	302163	21.74	346149	25.00
WS-14	212702	17.50	273759	21.75	303295	25.00
M-29	233894	17.50	301851	21.75	335347	25.00
SBLK721	223060	17.50	299116	21.75	327094	25.00

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = 200% of internal standard area
 AREA LOWER LIMIT = 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

FORM 8A-OR
INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey MA No.: SDG No.: Q3688
 Analytical Method: SVOA Level : LOW
 EPA Sample No. : SSTD020457 Lab File ID (Standard) : BG064890.D
 Instrument ID : BNA G Init.Calib.Date(s): 11/24/2025
 GC Column : ZB-GR ID: 0.25 (mm) Date Analyzed : 11/26/2025
 Heated Purge: Time Analyzed : 15:42

	IS1 (DCB) AREA	RT	IS2 (NPT) AREA	RT	IS3 (ANT) AREA	RT
12 HOUR STD	20076	8.159	82474	10.97	74176	14.77
UPPER LIMIT	40152	8.65	164948	11.47	148352	15.26
LOWER LIMIT	10038	7.65	41237	10.47	37088	14.26
EPA SAMPLE NO.						
SLCS723	22851	8.16	89361	10.97	76209	14.77
SBLK741	20793	8.15	76309	10.98	70439	14.77
SLCS741	20586	8.16	81652	10.97	72467	14.77
RBGW-20251121	20410	8.16	76366	10.98	70363	14.76
SLCS721	24012	8.16	96077	10.97	86093	14.77
WS-1	26320	8.16	102134	10.97	93381	14.76
RBGW-20251124	19000	8.15	76138	10.97	72415	14.77
M-28S	19283	8.16	75334	10.97	67079	14.77
M-28I	20387	8.16	76932	10.97	71621	14.77

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = 200% of internal standard area
 AREA LOWER LIMIT = 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

FORM 8A-OR
INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: SVOA Level: LOW
 EPA Sample No. : SSTD020457 Lab File ID (Standard) : BG064890.D
 Instrument ID : BNA G Init.Calib.Date(s): 11/24/2025
 GC Column : ZB-GR ID: 0.25 (mm) Date Analyzed : 11/26/2025
 Heated Purge: Time Analyzed : 15:42

	IS4 (PHN) AREA	RT	IS5 (CRY) AREA	RT	IS6 (PRY) AREA	RT
12 HOUR STD	193784	17.50	239379	21.75	265708	24.998
UPPER LIMIT	387568	18.00	478758	22.25	531416	25.498
LOWER LIMIT	96892	17.00	119690	21.25	132854	24.498
EPA SAMPLE NO.						
SLCS723	200372	17.50	250909	21.75	282094	25.00
SBLK741	193595	17.50	266568	21.75	297654	25.00
SLCS741	191778	17.50	238844	21.75	273454	25.00
RBGW-20251121	186288	17.50	251460	21.74	279354	25.00
SLCS721	222696	17.50	284112	21.75	320933	25.00
WS-1	239252	17.50	302162	21.74	340942	25.00
RBGW-20251124	191028	17.50	251871	21.74	280965	25.00
M-28S	175714	17.49	224243	21.74	248450	25.00
M-28I	191952	17.50	264380	21.74	297217	25.00

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = 200% of internal standard area
 AREA LOWER LIMIT = 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT



QC SAMPLE DATA

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SBLK717

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids : _____
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) _____
Purge Volume : _____ (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : PB170717BL
Lab File ID : BG064857.D
Date Received : _____
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : _____ Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.0	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK717

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170717BL
Lab File ID : BG064857.D
Date Received :
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SBLK719

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids : _____
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) _____
Purge Volume : _____ (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : PB170719BL
Lab File ID : BG064868.D
Date Received : _____
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : _____ Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.0	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK719

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170719BL
Lab File ID : BG064868.D
Date Received :
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SBLK721

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids : _____
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : _____ (μL)
Heated Purge : (Y/N) _____
Purge Volume : _____ (mL)
Cleanup Types : _____
Concentration Units (μg/L, μg/kg, μg, or μg/cm²): μg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : PB170721BL
Lab File ID : BG064883.D
Date Received : _____
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (μL)
Extraction Type : CONH
Injection Volume : 1.0 (μL)
pH : _____ Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.0	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK721

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (μL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (μg/L, μg/kg): μg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170721BL
Lab File ID : BG064883.D
Date Received :
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (μL)
Extraction Type : CONH
Injection Volume : 1.0 (μL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SBLK723

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170723BL
Lab File ID : BG064884.D
Date Received :
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.0	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK723

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170723BL
Lab File ID : BG064884.D
Date Received :
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SBLK741

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids : _____
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) _____
Purge Volume : _____ (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : PB170741BL
Lab File ID : BG064891.D
Date Received : _____
Date Extracted : 11/25/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : _____ Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	5.0	U
117-81-7	Bis(2-ethylhexyl)phthalate	5.0	U

FORM 1B-OR
ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK741

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170741BL
Lab File ID : BG064891.D
Date Received :
Date Extracted : 11/25/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	RT	EST. CONC.	Q
1 E966796	Total Alkanes	N/A	0.0	

EPA-designated Registry Number.

FORM 1B-OR

SFAM01.1 (11/2020)

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SLCS717

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170717BS
Lab File ID : BG064858.D
Date Received :
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	32	
117-81-7	Bis(2-ethylhexyl)phthalate	33	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SLCS719

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids : _____
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : _____ (μL)
Heated Purge : (Y/N) _____
Purge Volume : _____ (mL)
Cleanup Types : _____
Concentration Units (μg/L, μg/kg, μg, or μg/cm²): μg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : PB170719BS
Lab File ID : BG064867.D
Date Received : _____
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (μL)
Extraction Type : CONH
Injection Volume : 1.0 (μL)
pH : _____ Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	27	
117-81-7	Bis(2-ethylhexyl)phthalate	27	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SLCS721

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170721BS
Lab File ID : BG064892.D
Date Received :
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	31	
117-81-7	Bis(2-ethylhexyl)phthalate	28	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SLCS723

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170723BS
Lab File ID : BG064893.D
Date Received :
Date Extracted : 11/24/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	36	
117-81-7	Bis(2-ethylhexyl)phthalate	34	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SLCS741

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170741BS
Lab File ID : BG064894.D
Date Received :
Date Extracted : 11/25/2025
Date Analyzed : 11/26/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	31	
117-81-7	Bis(2-ethylhexyl)phthalate	29	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31SMS

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids : _____
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) _____
Purge Volume : _____ (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-02MS
Lab File ID : BG064860.D
Date Received : 11/19/2025
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	34	
117-81-7	Bis(2-ethylhexyl)phthalate	33	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31SMSD

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA
Matrix : Water
Sample wt/vol : 980 (g/mL) mL
% Solids : _____
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : _____ ID : _____ (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : _____ (µL)
Heated Purge : (Y/N) _____
Purge Volume : _____ (mL)
Cleanup Types : _____
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : _____ SDG No.: Q3688
Level : _____
Lab Sample ID : Q3688-03MSD
Lab File ID : BG064861.D
Date Received : 11/19/2025
Date Extracted : 11/21/2025
Date Analyzed : 11/25/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
86-30-6	N-Nitrosodiphenylamine	32	
117-81-7	Bis(2-ethylhexyl)phthalate	31	



CALIBRATION SUMMARY

FORM 6A-OR
GC/MS INITIAL CALIBRATION DATA

Lab Name: Alliance Technical Group, LLC
 Lab Code: ACE Case No.: Sharkey Lar
 Analytical Method : SVOA
 Instrument ID: BNA_G
 GC Column: ZB-GR ID: 0.25 (mm)
 Length : 30 (m)
 Heated Purge: (Y/N)

Contract: 68HERH20D0011
 MA No.: SDG No.: Q3688
 Level : LOW
 Calibration Date(s): 11/24/2025 11/24/2025
 Calibration Time(s): 14:04 17:27
 Purge Volume : (mL)

LAB FILE ID:		RRF005 =BG064848.D			RRF010= BG064849.D		RRF020 =BG064850.D	
		RRF040 =BG064851.D			RRF080= BG064852.D		RRF160 =BG064853.D	
ANALYTE	RRF005	RRF010	RRF020	RRF040	RRF080	RRF160	RRF	% RSD
N-Nitrosodiphenylamine	0.508	0.533	0.552	0.558	0.537		0.537	3.6
Bis(2-ethylhexyl)phthalate	0.578	0.573	0.603	0.605	0.574		0.587	2.7
1,4-Dioxane-d8	0.472	0.526	0.499	0.498	0.527		0.505	4.5
Pyridine-d5		1.254	1.442	1.445	1.540	1.271	1.390	8.9
Phenol-d5		1.419	1.610	1.652	1.720	1.660	1.612	7.1
Bis-(2-Chloroethyl)ether-d8		0.970	1.035	1.046	1.080	1.024	1.031	3.9
2-Chlorophenol-d4	0.977	1.206	1.280	1.303	1.346		1.222	11.9
4-Methylphenol-d8		1.234	1.341	1.475	1.459	1.439	1.390	7.3
Nitrobenzene-d5	0.131	0.141	0.157	0.161	0.165		0.151	9.6
2-Nitrophenol-d4	0.155	0.153	0.189	0.199	0.201		0.179	13.2
2,4-Dichlorophenol-d3	0.330	0.330	0.382	0.406	0.399		0.369	10.1
4-Chloroaniline-d4		0.433	0.467	0.486	0.486	0.489	0.472	5.0
Dimethylphthalate-d6	1.546	1.541	1.615	1.630	1.534		1.573	2.9
Acenaphthylene-d8	1.594	1.642	1.735	1.766	1.687		1.685	4.1
4-Nitrophenol-d4		0.186	0.235	0.265	0.253	0.254	0.239	13.2
Fluorene-d10	1.432	1.380	1.446	1.435	1.369		1.412	2.5
4,6-Dinitro-2-methylphenol-d2		0.092	0.117	0.136	0.145	0.150	0.128	18.6
Anthracene-d10	0.970	1.029	1.028	1.041	0.984		1.011	3.1
Pyrene-d10	0.992	1.019	1.063	1.064	0.998		1.027	3.3
Benzo(a)pyrene-d12	0.983	1.031	1.076	1.116	1.070		1.055	4.8

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method: SVOA Level:
 Instrument ID: BNA_G Date Analyzed: 11/24/2025 Time: 18:08
 Lab File ID: BG064854.D Init. Calib Date(s): 11/24/2025 11/24/2025
 EPA Sample No.: SICV425 Init. Calib Time(s): 14:04 17:27
 GC Column: ZB-GR ID: 0.25 (mm) Length: 30 (m)
 Heated Purge: (Y/N) Purge Volume: (mL)

ANALYTE	RRF	RRF020	MIN RRF	%D	MAX %D
N-Nitrosodiphenylamine	0.537	0.493	0.05	-8.4	± 20.0
Bis(2-ethylhexyl)phthalate	0.587	0.524	0.20	-10.6	± 40.0
1,4-Dioxane-d8	0.505	0.429	0.01	-14.9	± 25.0
Pyridine-d5	1.390	1.317	0.01	-5.2	± 40.0
Phenol-d5	1.612	1.393	0.01	-13.6	± 25.0
Bis-(2-Chloroethyl)ether-d8	1.031	1.053	0.05	2.1	± 25.0
2-Chlorophenol-d4	1.222	1.198	0.20	-2.0	± 20.0
4-Methylphenol-d8	1.390	1.256	0.01	-9.6	± 20.0
Nitrobenzene-d5	0.151	0.146	0.05	-3.5	± 20.0
2-Nitrophenol-d4	0.179	0.177	0.05	-1.3	± 30.0
2,4-Dichlorophenol-d3	0.369	0.356	0.06	-3.5	± 20.0
4-Chloroaniline-d4	0.472	0.429	0.01	-9.1	± 40.0
Dimethylphthalate-d6	1.573	1.509	0.30	-4.1	± 20.0
Acenaphthylene-d8	1.685	1.610	0.40	-4.5	± 20.0
4-Nitrophenol-d4	0.239	0.215	0.01	-9.8	± 40.0
Fluorene-d10	1.412	1.341	0.10	-5.0	± 20.0
4,6-Dinitro-2-methylphenol-d2	0.128	0.120	0.01	-6.1	± 40.0
Anthracene-d10	1.011	0.973	0.30	-3.7	± 20.0
Pyrene-d10	1.027	0.988	0.30	-3.8	± 25.0
Benzo (a) pyrene-d12	1.055	0.993	0.01	-5.9	± 20.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method: SVOA Level:
 Instrument ID: BNA_G Date Analyzed: 11/25/2025 Time: 11:10
 Lab File ID: BG064856.D Init. Calib Date(s): 11/24/2025 11/24/2025
 EPA Sample No.: SSTD020454 Init. Calib Time(s): 14:04 17:27
 GC Column: ZB-GR ID: 0.25 (mm) Length: 30 (m)
 Heated Purge: (Y/N) Purge Volume: (mL)

ANALYTE	RRF	RRF020	MIN RRF	%D	MAX %D
N-Nitrosodiphenylamine	0.537	0.556	0.05	3.4	± 20.0
Bis(2-ethylhexyl)phthalate	0.587	0.592	0.20	0.9	± 40.0
1,4-Dioxane-d8	0.505	0.433	0.01	-14.1	± 25.0
Pyridine-d5	1.390	1.247	0.01	-10.3	± 40.0
Phenol-d5	1.612	1.582	0.01	-1.9	± 25.0
Bis-(2-Chloroethyl)ether-d8	1.031	1.070	0.05	3.8	± 25.0
2-Chlorophenol-d4	1.222	1.283	0.20	4.9	± 20.0
4-Methylphenol-d8	1.390	1.378	0.01	-0.8	± 20.0
Nitrobenzene-d5	0.151	0.151	0.05	0.4	± 20.0
2-Nitrophenol-d4	0.179	0.196	0.05	9.6	± 30.0
2,4-Dichlorophenol-d3	0.369	0.384	0.06	4.1	± 20.0
4-Chloroaniline-d4	0.472	0.468	0.01	-0.9	± 40.0
Dimethylphthalate-d6	1.573	1.648	0.30	4.8	± 20.0
Acenaphthylene-d8	1.685	1.723	0.40	2.3	± 20.0
4-Nitrophenol-d4	0.239	0.214	0.01	-10.1	± 40.0
Fluorene-d10	1.412	1.424	0.10	0.9	± 20.0
4,6-Dinitro-2-methylphenol-d2	0.128	0.117	0.01	-8.6	± 40.0
Anthracene-d10	1.011	1.036	0.30	2.5	± 20.0
Pyrene-d10	1.027	1.057	0.30	2.9	± 25.0
Benzo (a) pyrene-d12	1.055	1.082	0.01	2.6	± 20.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method: SVOA Level:
 Instrument ID: BNA_G Date Analyzed: 11/25/2025 Time: 21:22
 Lab File ID: BG064869.D Init. Calib Date(s): 11/24/2025 11/24/2025
 EPA Sample No.: SSTD020455 Init. Calib Time(s): 14:04 17:27
 GC Column: ZB-GR ID: 0.25 (mm) Length: 30 (m)
 Heated Purge: (Y/N) Purge Volume: (mL)

ANALYTE	RRF	RRF020	MIN RRF	%D	MAX %D
N-Nitrosodiphenylamine	0.537	0.529	0.05	-1.6	± 20.0
Bis(2-ethylhexyl)phthalate	0.587	0.528	0.20	-10.0	± 40.0
1,4-Dioxane-d8	0.505	0.333	0.01	-34.1	± 25.0
Pyridine-d5	1.390	1.100	0.01	-20.9	± 40.0
Phenol-d5	1.612	1.401	0.01	-13.1	± 25.0
Bis-(2-Chloroethyl)ether-d8	1.031	0.849	0.05	-17.7	± 25.0
2-Chlorophenol-d4	1.222	1.240	0.20	1.4	± 20.0
4-Methylphenol-d8	1.390	1.263	0.01	-9.1	± 20.0
Nitrobenzene-d5	0.151	0.163	0.05	8.3	± 20.0
2-Nitrophenol-d4	0.179	0.195	0.05	8.8	± 30.0
2,4-Dichlorophenol-d3	0.369	0.397	0.06	7.5	± 20.0
4-Chloroaniline-d4	0.472	0.461	0.01	-2.4	± 40.0
Dimethylphthalate-d6	1.573	1.626	0.30	3.3	± 20.0
Acenaphthylene-d8	1.685	1.714	0.40	1.7	± 20.0
4-Nitrophenol-d4	0.239	0.219	0.01	-8.3	± 40.0
Fluorene-d10	1.412	1.448	0.10	2.5	± 20.0
4,6-Dinitro-2-methylphenol-d2	0.128	0.121	0.01	-5.5	± 40.0
Anthracene-d10	1.011	1.029	0.30	1.8	± 20.0
Pyrene-d10	1.027	1.041	0.30	1.3	± 25.0
Benzo (a) pyrene-d12	1.055	1.089	0.01	3.2	± 20.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method: SVOA Level:
 Instrument ID: BNA_G Date Analyzed: 11/26/2025 Time: 06:54
 Lab File ID: BG064882.D Init. Calib Date(s): 11/24/2025 11/24/2025
 EPA Sample No.: SSTD020456 Init. Calib Time(s): 14:04 17:27
 GC Column: ZB-GR ID: 0.25 (mm) Length: 30 (m)
 Heated Purge: (Y/N) Purge Volume: (mL)

ANALYTE	RRF	RRF020	MIN RRF	%D	MAX %D
N-Nitrosodiphenylamine	0.537	0.541	0.05	0.7	± 20.0
Bis(2-ethylhexyl)phthalate	0.587	0.529	0.20	-9.9	± 40.0
1,4-Dioxane-d8	0.505	0.416	0.01	-17.6	± 25.0
Pyridine-d5	1.390	1.051	0.01	-24.4	± 40.0
Phenol-d5	1.612	1.458	0.01	-9.5	± 25.0
Bis-(2-Chloroethyl)ether-d8	1.031	0.812	0.05	-21.3	± 25.0
2-Chlorophenol-d4	1.222	1.234	0.20	1.0	± 20.0
4-Methylphenol-d8	1.390	1.289	0.01	-7.2	± 20.0
Nitrobenzene-d5	0.151	0.162	0.05	7.4	± 20.0
2-Nitrophenol-d4	0.179	0.201	0.05	11.9	± 30.0
2,4-Dichlorophenol-d3	0.369	0.426	0.06	15.4	± 20.0
4-Chloroaniline-d4	0.472	0.470	0.01	-0.5	± 40.0
Dimethylphthalate-d6	1.573	1.631	0.30	3.7	± 20.0
Acenaphthylene-d8	1.685	1.745	0.40	3.6	± 20.0
4-Nitrophenol-d4	0.239	0.225	0.01	-5.9	± 40.0
Fluorene-d10	1.412	1.499	0.10	6.1	± 20.0
4,6-Dinitro-2-methylphenol-d2	0.128	0.128	0.01	0.1	± 40.0
Anthracene-d10	1.011	1.038	0.30	2.7	± 20.0
Pyrene-d10	1.027	1.046	0.30	1.8	± 25.0
Benzo (a) pyrene-d12	1.055	1.089	0.01	3.2	± 20.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey La MA No.: _____ SDG No.: Q3688
 Analytical Method: SVOA Level: _____
 Instrument ID: BNA_G Date Analyzed: 11/26/2025 Time: 15:42
 Lab File ID: BG064890.D Init. Calib Date(s): 11/24/2025 11/24/2025
 EPA Sample No.: SSTD020457 Init. Calib Time(s): 14:04 17:27
 GC Column: ZB-GR ID: 0.25 (mm) Length: 30 (m)
 Heated Purge: (Y/N) _____ Purge Volume: _____ (mL)

ANALYTE	RRF	RRF020	MIN RRF	%D	MAX %D
N-Nitrosodiphenylamine	0.537	0.538	0.05	0.1	± 20.0
Bis(2-ethylhexyl)phthalate	0.587	0.517	0.20	-11.9	± 40.0
1,4-Dioxane-d8	0.505	0.437	0.01	-13.4	± 25.0
Pyridine-d5	1.390	1.107	0.01	-20.4	± 40.0
Phenol-d5	1.612	1.463	0.01	-9.2	± 25.0
Bis-(2-Chloroethyl)ether-d8	1.031	0.853	0.05	-17.2	± 25.0
2-Chlorophenol-d4	1.222	1.262	0.20	3.2	± 20.0
4-Methylphenol-d8	1.390	1.330	0.01	-4.3	± 20.0
Nitrobenzene-d5	0.151	0.157	0.05	4.3	± 20.0
2-Nitrophenol-d4	0.179	0.204	0.05	13.9	± 30.0
2,4-Dichlorophenol-d3	0.369	0.408	0.06	10.4	± 20.0
4-Chloroaniline-d4	0.472	0.456	0.01	-3.4	± 40.0
Dimethylphthalate-d6	1.573	1.578	0.30	0.3	± 20.0
Acenaphthylene-d8	1.685	1.717	0.40	1.9	± 20.0
4-Nitrophenol-d4	0.239	0.214	0.01	-10.2	± 40.0
Fluorene-d10	1.412	1.458	0.10	3.2	± 20.0
4,6-Dinitro-2-methylphenol-d2	0.128	0.127	0.01	-0.5	± 40.0
Anthracene-d10	1.011	1.017	0.30	0.6	± 20.0
Pyrene-d10	1.027	1.040	0.30	1.3	± 25.0
Benzo (a) pyrene-d12	1.055	1.081	0.01	2.5	± 20.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method: SVOA Level:
 Instrument ID: BNA_G Date Analyzed: 11/26/2025 Time: 22:31
 Lab File ID: BG064900.D Init. Calib Date(s): 11/24/2025 11/24/2025
 EPA Sample No.: SSTD020458 Init. Calib Time(s): 14:04 17:27
 GC Column: ZB-GR ID: 0.25 (mm) Length: 30 (m)
 Heated Purge: (Y/N) Purge Volume: (mL)

ANALYTE	RRF	RRF020	MIN RRF	%D	MAX %D
N-Nitrosodiphenylamine	0.537	0.540	0.05	0.5	± 50.0
Bis(2-ethylhexyl)phthalate	0.587	0.531	0.20	-9.4	± 50.0
1,4-Dioxane-d8	0.505	0.385	0.01	-23.7	± 50.0
Pyridine-d5	1.390	0.981	0.01	-29.4	± 50.0
Phenol-d5	1.612	1.432	0.01	-11.2	± 50.0
Bis-(2-Chloroethyl)ether-d8	1.031	0.785	0.05	-23.9	± 50.0
2-Chlorophenol-d4	1.222	1.240	0.20	1.5	± 50.0
4-Methylphenol-d8	1.390	1.286	0.01	-7.4	± 50.0
Nitrobenzene-d5	0.151	0.165	0.05	9.4	± 50.0
2-Nitrophenol-d4	0.179	0.197	0.05	10.2	± 50.0
2,4-Dichlorophenol-d3	0.369	0.413	0.06	11.7	± 50.0
4-Chloroaniline-d4	0.472	0.441	0.01	-6.5	± 50.0
Dimethylphthalate-d6	1.573	1.600	0.30	1.7	± 50.0
Acenaphthylene-d8	1.685	1.749	0.40	3.8	± 50.0
4-Nitrophenol-d4	0.239	0.226	0.01	-5.2	± 50.0
Fluorene-d10	1.412	1.465	0.10	3.7	± 50.0
4,6-Dinitro-2-methylphenol-d2	0.128	0.129	0.01	0.5	± 50.0
Anthracene-d10	1.011	1.035	0.30	2.4	± 50.0
Pyrene-d10	1.027	1.027	0.30	-0.1	± 50.0
Benzo (a) pyrene-d12	1.055	1.069	0.01	1.3	± 50.0

LAB CHRONICLE

OrderID:	Q3688	OrderDate:	11/19/2025 4:37:47 PM
Client:	WSP USA Inc.	Project:	Sharkey Landfill Site FYR Reuse Morris County NJ
Contact:	Tricia Landes	Location:	D41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3688-01	M-31S	Water	SVOCMS Group1	SFAM_SVOC	11/19/25	11/21/25	11/25/25	11/19/25
			SVOC-SIMGroup1	SFAM_SVOASI M		11/21/25	12/02/25	
Q3688-04	RBGW-20251119	Water	SVOCMS Group1	SFAM_SVOC	11/19/25	11/21/25	11/25/25	11/19/25
			SVOC-SIMGroup1	SFAM_SVOASI M		11/21/25	12/02/25	
Q3688-06	M-32I	Water	SVOCMS Group1	SFAM_SVOC	11/19/25	11/21/25	11/25/25	11/19/25
			SVOC-SIMGroup1	SFAM_SVOASI M		11/21/25	12/02/25	
Q3688-09	M-31I	Water	SVOCMS Group1	SFAM_SVOC	11/20/25	11/21/25	11/25/25	11/20/25
			SVOC-SIMGroup1	SFAM_SVOASI M		11/21/25	12/02/25	
Q3688-10	M-32S	Water	SVOCMS Group1	SFAM_SVOC	11/20/25	11/21/25	11/25/25	11/20/25
			SVOC-SIMGroup1	SFAM_SVOASI M		11/21/25	12/02/25	
Q3688-11	RBGW-20251120	Water	SVOCMS Group1	SFAM_SVOC	11/20/25	11/21/25	11/25/25	11/20/25
			SVOC-SIMGroup1	SFAM_SVOASI M		11/21/25	12/02/25	
Q3688-12	M-30S	Water	SVOCMS Group1	SFAM_SVOC	11/20/25	11/24/25	11/26/25	11/20/25

LAB CHRONICLE

			SVOC-SIMGroup1	SFAM_SVOASI M	11/24/25	12/02/25	
Q3688-13	M-30I	Water			11/20/25		11/20/25
			SVOCMS Group1	SFAM_SVOC	11/24/25	11/26/25	
			SVOC-SIMGroup1	SFAM_SVOASI M	11/24/25	12/02/25	
Q3688-15	FDGW-20251120	Water			11/20/25		11/20/25
			SVOCMS Group1	SFAM_SVOC	11/24/25	11/26/25	
			SVOC-SIMGroup1	SFAM_SVOASI M	11/24/25	12/02/25	
Q3688-16	WS-14	Water			11/21/25		11/21/25
			SVOCMS Group1	SFAM_SVOC	11/24/25	11/26/25	
			SVOC-SIMGroup1	SFAM_SVOASI M	11/24/25	12/02/25	
Q3688-17	M-29	Water			11/21/25		11/21/25
			SVOCMS Group1	SFAM_SVOC	11/24/25	11/26/25	
			SVOC-SIMGroup1	SFAM_SVOASI M	11/24/25	12/02/25	
Q3688-18	RBGW-20251121	Water			11/21/25		11/21/25
			SVOCMS Group1	SFAM_SVOC	11/24/25	11/26/25	
			SVOC-SIMGroup1	SFAM_SVOASI M	11/24/25	12/05/25	
Q3688-19	M-28I	Water			11/21/25		11/21/25
			SVOCMS Group1	SFAM_SVOC	11/24/25	11/26/25	
			SVOC-SIMGroup1	SFAM_SVOASI M	11/24/25	12/05/25	
Q3688-20	WS-1	Water			11/21/25		11/21/25
			SVOCMS Group1	SFAM_SVOC	11/24/25	11/26/25	
			SVOC-SIMGroup1	SFAM_SVOASI M	11/24/25	12/05/25	
Q3688-22	RBGW-20251124	Water			11/24/25		11/24/25
			SVOCMS Group1	SFAM_SVOC	11/25/25	11/26/25	
			SVOC-SIMGroup1	SFAM_SVOASI M	11/25/25	12/05/25	

LAB CHRONICLE

Q3688-23	M-28S	Water			11/24/25			11/24/25
			SVOCMS Group1	SFAM_SVOC		11/25/25	11/26/25	
			SVOC-SIMGroup1	SFAM_SVOASI M		11/25/25	12/05/25	
Q3688-23DL	M-28SDL	Water			11/24/25			11/24/25
			SVOC-SIMGroup1	SFAM_SVOASI M		11/25/25	12/05/25	

Hit Summary Sheet
SW-846

SDG No.: Q3688

Client: WSP USA Inc.

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	RBGW-20251119						
Q3688-04	RBGW-20251119	WATER 1,4-Dioxane	0.040	J	0.03	0.210	ug/L
		Total Svoc :			0.04		
		Total Concentration:			0.04		
Client ID :	RBGW-20251120						
Q3688-11	RBGW-20251120	WATER 1,4-Dioxane	0.050	J	0.033	0.20	ug/L
		Total Svoc :			0.05		
		Total Concentration:			0.05		
Client ID :	RBGW-20251121						
Q3688-18	RBGW-20251121	WATER 1,4-Dioxane	0.050	J	0.033	0.20	ug/L
		Total Svoc :			0.05		
		Total Concentration:			0.05		
Client ID :	M-28I						
Q3688-19	M-28I	WATER 1,4-Dioxane	0.040	J	0.03	0.20	ug/L
		Total Svoc :			0.04		
		Total Concentration:			0.04		
Client ID :	WS-1						
Q3688-20	WS-1	WATER 1,4-Dioxane	0.050	J	0.03	0.20	ug/L
		Total Svoc :			0.05		
		Total Concentration:			0.05		
Client ID :	RBGW-20251124						
Q3688-22	RBGW-20251124	WATER 1,4-Dioxane	0.040	J	0.03	0.20	ug/L
		Total Svoc :			0.04		
		Total Concentration:			0.04		
Client ID :	M-28S						
Q3688-23	M-28S	WATER 1,4-Dioxane	19.000	E	0.03	0.210	ug/L
		Total Svoc :			19.00		
		Total Concentration:			19.00		
Client ID :	M-28SDL						
Q3688-23DL	M-28SDL	WATER 1,4-Dioxane	21.000	D	0.34	2.1	ug/L
		Total Svoc :			21.00		
		Total Concentration:			21.00		



SAMPLE DATA

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-01
Lab File ID : BN038253.D
Date Received : 11/19/2025
Date Extracted : 11/21/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.20	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251119

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 970 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-04
Lab File ID : BN038256.D
Date Received : 11/19/2025
Date Extracted : 11/21/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.040	J

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-32I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-06
Lab File ID : BN038257.D
Date Received : 11/19/2025
Date Extracted : 11/21/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 11 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.20	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-09
Lab File ID : BN038258.D
Date Received : 11/20/2025
Date Extracted : 11/21/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.20	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-32S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-10
Lab File ID : BN038259.D
Date Received : 11/20/2025
Date Extracted : 11/21/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.20	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-11
Lab File ID : BN038260.D
Date Received : 11/20/2025
Date Extracted : 11/21/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.050	J

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-30S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-12
Lab File ID : BN038261.D
Date Received : 11/20/2025
Date Extracted : 11/24/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.20	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-30I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-13
Lab File ID : BN038262.D
Date Received : 11/20/2025
Date Extracted : 11/24/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.20	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

FDGW-20251120

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 980 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-15
Lab File ID : BN038263.D
Date Received : 11/20/2025
Date Extracted : 11/24/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.20	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

WS-14

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-16
Lab File ID : BN038264.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.20	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-29

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-17
Lab File ID : BN038265.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.20	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251121

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-18
Lab File ID : BN038275.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 12/05/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.050	J

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-28I

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-19
Lab File ID : BN038276.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 12/05/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.040	J

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

WS-1

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 980 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-20
Lab File ID : BN038277.D
Date Received : 11/21/2025
Date Extracted : 11/24/2025
Date Analyzed : 12/05/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.050	J

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

RBGW-20251124

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-22
Lab File ID : BN038278.D
Date Received : 11/24/2025
Date Extracted : 11/25/2025
Date Analyzed : 12/05/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.040	J

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-28S

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 960 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-23
Lab File ID : BN038279.D
Date Received : 11/24/2025
Date Extracted : 11/25/2025
Date Analyzed : 12/05/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	19	E

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-28SDL

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 960 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-23DL
Lab File ID : BN038280.D
Date Received : 11/24/2025
Date Extracted : 11/25/2025
Date Analyzed : 12/05/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 10.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	21	D



QC SUMMARY

FORM 2A-OR
DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name : Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code : ACE Case No.: Sharkey L& MA No.: _____ SDG No.: Q3688
 Analytical Method : SVOA SIM Level : _____
 Matrix : Water

EPA Sample No .	DMC1 (FLN)	DMC2 (2MN)	DMC3 (DXE)	DMC4	DMC5	DMC6	DMC7	DMC8	DMC9
FDGW-20251120	90	67	56						
M-28I	97	88	82						
M-28S	87	85	66						
M-28SDL	83	88	32						
M-29	101	93	77						
M-30I	93	65	68						
M-30S	80	55	62						
M-31I	110	66	66						
M-31S	94	54	54						
M-31SMS	90	49	47						
M-31SMSD	84	49	50						
M-32I	117	65	63						
M-32S	102	71	66						
RBGW-20251119	87	58	63						
RBGW-20251120	95	70	64						
RBGW-20251121	97	85	68						
RBGW-20251124	100	93	60						
SBLK718	72	79	79						
SBLK720	95	89	81						
SBLK722	100	94	85						
SBLK724	80	86	91						
SBLK742	77	84	84						
SLCS718	81	88	97						
SLCS720	68	81	96						
SLCS722	72	86	104						
SLCS724	59	69	78						
SLCS742	76	95	104						
WS-1	87	80	63						
WS-14	106	95	70						

QC LIMITS

DMC1 (FLN) = Fluoranthene-d10 (SIM) (30-130)
 DMC2 (2MN) = 2-Methylnapthalene-d10 (SIM) (30-130)
 DMC3 (DXE) = 1,4-Dioxane-d8 (SIM) (40-110)

FORM 2B-OR
DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code : ACE Case No.: Sharkey La MA No.: _____ SDG No.: Q3688
 Analytical Method : SVOA SIM Level : _____
 Matrix : Water

EPA Sample No .	DMC10	DMC11	DMC12	DMC13	DMC14	DMC15	DMC16	DMC17	Tot Out
FDGW-20251120									0
M-28I									0
M-28S									0
M-28SDL									0
M-29									0
M-30I									0
M-30S									0
M-31I									0
M-31S									0
M-31SMS									0
M-31SMSD									0
M-32I									0
M-32S									0
RBGW-20251119									0
RBGW-20251120									0
RBGW-20251121									0
RBGW-20251124									0
SBLK718									0
SBLK720									0
SBLK722									0
SBLK724									0
SBLK742									0
SLCS718									0
SLCS720									0
SLCS722									0
SLCS724									0
SLCS742									0
WS-1									0

FORM 2B-OR
DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
Lab Code : ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
Analytical Method : SVOA SIM Level :
Matrix : Water

EPA Sample No .	DMC10	DMC11	DMC12	DMC13	DMC14	DMC15	DMC16	DMC17	Tot Out
WS-14									0

FORM 3A-OR
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code : ACE Case No. : Sharkey Lab MA No. : _____ SDG No. : Q3688
 Analytical Method : SVOA SIM Level : LOW
 Matrix Water
 EPA Sample No. (Matrix Spike/Matrix Spike Duplicate): M-31S
 Instrument ID : BNA_N GC Column ZB-GR ID : 0.25 (mm)
 Concentration Units (ug/L,mg/L ug/kg): ug/L

ANALYTE	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS %R #	QC Limits %R
1,4-Dioxane	2	0	0.96	48	15 - 120

ANALYTE	SPIKE AADDED	MSD CONCENTRATION	MSD %R #	RPD	QC Limits	
					RPD	%R
1,4-Dioxane	2	0.97	49	2	50	15 - 120

FORM 3B-OR
LABORATORY CONTROL
SAMPLE RECOVERY

EPA SAMPLE NO.

SLCS718

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
Lab Code : ACE Case No. : Sharkey La MA No.: SDG No.: Q3688
Analytical Method: SVOA SIM
Matrix : Water Lab Sample ID : PB170718BS
LCS Lot No. : Date Extracted :
Concentration Units (ug/L, ug/kg) : ug/L
Instrument ID () : BNA_N GC Column () : 0.25 ID : ZB-GR (mm)
Date Analyzed () : 12/02/2025

ANALYTE	AMOUNT ADDED	AMOUNT RECOVERED	% R	QC LIMITS
1,4-Dioxane	2	1.8	90	0-0

EPA SAMPLE NO.

SLCS720

ANALYTE	AMOUNT ADDED	AMOUNT RECOVERED	% R	QC LIMITS
1,4-Dioxane	2	1.8	90	0-0

FORM 3B-OR
LABORATORY CONTROL
SAMPLE RECOVERY

EPA SAMPLE NO.

SLCS722

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
Lab Code : ACE Case No. : Sharkey La MA No.: SDG No.: Q3688
Analytical Method: SVOA SIM
Matrix : Water Lab Sample ID : PB170722BS
LCS Lot No. : Date Extracted :
Concentration Units (ug/L, ug/kg) : ug/L
Instrument ID () : BNA_N GC Column () : 0.25 ID : ZB-GR (mm)
Date Analyzed () : 12/05/2025

ANALYTE	AMOUNT ADDED	AMOUNT RECOVERED	% R	QC LIMITS
1,4-Dioxane	2	1.9	95	0-0

FORM 3B-OR
LABORATORY CONTROL
SAMPLE RECOVERY

EPA SAMPLE NO.

SLCS742

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
Lab Code : ACE Case No. : Sharkey La MA No.: SDG No.: Q3688
Analytical Method: SVOA SIM
Matrix : Water Lab Sample ID : PB170742BS
LCS Lot No. : Date Extracted :
Concentration Units (ug/L, ug/kg) : ug/L
Instrument ID () : BNA_N GC Column () : 0.25 ID : ZB-GR (mm)
Date Analyzed () : 12/05/2025

ANALYTE	AMOUNT ADDED	AMOUNT RECOVERED	% R	QC LIMITS
1,4-Dioxane	2	2.1	105	0-0

FORM 3B-OR
LABORATORY CONTROL
SAMPLE RECOVERY

EPA SAMPLE NO.

SLCS724

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
Lab Code : ACE Case No. : Sharkey La MA No.: SDG No.: Q3688
Analytical Method: SVOA SIM
Matrix : Water Lab Sample ID : PB170724BS
LCS Lot No. : Date Extracted :
Concentration Units (ug/L, ug/kg) : ug/L
Instrument ID () : BNA_N GC Column () : 0.25 ID : ZB-GR (mm)
Date Analyzed () : 12/05/2025

ANALYTE	AMOUNT ADDED	AMOUNT RECOVERED	% R	QC LIMITS
1,4-Dioxane	2	1.5	75	0-0

FORM 4-OR
METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK718

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Land MA No. : sdg no.: Q3688
Analytical Method: SVOA SIM Level :
Matrix : Water Lab Sample ID: PB170718BL
Instrument ID: BNA N Lab File ID : BN038251.D
Extraction Type : CONH Date Extracted : 11/21/2025
GC Column () : ZB-GR ID : 0.25 (mm) Date Analyzed : 12/02/2025
GC Column () : ID : (mm) Time Analyzed : 12:48
Heated Purge: (Y/N) Cleanup (Y/N): N Cleanup Types :

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
SLCS718	PB170718BS	BN038252.D	12/02/2025 13:24
M-31S	Q3688-01	BN038253.D	12/02/2025 14:00
M-31SMS	Q3688-02MS	BN038254.D	12/02/2025 14:36
M-31MSD	Q3688-03MSD	BN038255.D	12/02/2025 15:13

FORM 4-OR
METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK720

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey Land MA No. : sdg no.: Q3688
 Analytical Method: SVOA SIM Level :
 Matrix : Water Lab Sample ID: PB170720BL
 Instrument ID: BNA N Lab File ID : BN038271.D
 Extraction Type : CONH Date Extracted : 11/21/2025
 GC Column () : ZB-GR ID : 0.25 (mm) Date Analyzed : 12/05/2025
 GC Column () : ID : (mm) Time Analyzed : 12:42
 Heated Purge: (Y/N) Cleanup(Y/N): N Cleanup Types :

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
RBGW-20251119	Q3688-04	BN038256.D	12/02/2025 15:49
M-32I	Q3688-06	BN038257.D	12/02/2025 16:26
M-31I	Q3688-09	BN038258.D	12/02/2025 17:02
M-32S	Q3688-10	BN038259.D	12/02/2025 17:38
RBGW-20251120	Q3688-11	BN038260.D	12/02/2025 18:15
SLCS720	PB170720BS	BN038273.D	12/05/2025 13:54

FORM 4-OR
METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK722

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey Land MA No. : sdg no.: Q3688
 Analytical Method: SVOA SIM Level :
 Matrix : Water Lab Sample ID: PB170722BL
 Instrument ID: BNA N Lab File ID : BN038272.D
 Extraction Type : CONH Date Extracted : 11/24/2025
 GC Column () : ZB-GR ID : 0.25 (mm) Date Analyzed : 12/05/2025
 GC Column () : ID : (mm) Time Analyzed : 13:18
 Heated Purge: (Y/N) Cleanup(Y/N): N Cleanup Types :

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
M-30S	Q3688-12	BN038261.D	12/02/2025 18:51
M-30I	Q3688-13	BN038262.D	12/02/2025 19:28
FDGW-20251120	Q3688-15	BN038263.D	12/02/2025 20:04
WS-14	Q3688-16	BN038264.D	12/02/2025 20:40
SLCS722	PB170722BS	BN038274.D	12/05/2025 14:31

FORM 4-OR
METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK724

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey Land MA No. : sdg no.: Q3688
 Analytical Method: SVOA SIM Level :
 Matrix : Water Lab Sample ID: PB170724BL
 Instrument ID: BNA N Lab File ID : BN038284.D
 Extraction Type : CONH Date Extracted : 11/24/2025
 GC Column () : ZB-GR ID : 0.25 (mm) Date Analyzed : 12/05/2025
 GC Column () : ID : (mm) Time Analyzed : 20:34
 Heated Purge: (Y/N) Cleanup(Y/N): N Cleanup Types :

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
M-29	Q3688-17	BN038265.D	12/02/2025 21:17
RBGW-20251121	Q3688-18	BN038275.D	12/05/2025 15:07
M-28I	Q3688-19	BN038276.D	12/05/2025 15:43
WS-1	Q3688-20	BN038277.D	12/05/2025 16:20
SLCS724	PB170724BS	BN038283.D	12/05/2025 19:57

FORM 4-OR
METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK742

Lab Name : Alliance Technical Group, LLC Contract : 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey Land MA No. : sdg no.: Q3688
 Analytical Method: SVOA SIM Level :
 Matrix : Water Lab Sample ID: PB170742BL
 Instrument ID: BNA N Lab File ID : BN038282.D
 Extraction Type : CONH Date Extracted : 11/25/2025
 GC Column () : ZB-GR ID : 0.25 (mm) Date Analyzed : 12/05/2025
 GC Column () : ID : (mm) Time Analyzed : 19:21
 Heated Purge: (Y/N) Cleanup (Y/N): N Cleanup Types :

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
RBGW-20251124	Q3688-22	BN038278.D	12/05/2025 16:55
M-28S	Q3688-23	BN038279.D	12/05/2025 17:32
M-28SDL	Q3688-23DL	BN038280.D	12/05/2025 18:08
SLCS742	PB170742BS	BN038281.D	12/05/2025 18:44

FORM 5-OR
GC/MS INSTRUMENT PERFORMANCE CHECK

EPA SAMPLE NO.

DFTPP277

Lab Name : Alliance Technical Group, LLC

Contract : 68HERH20D0011

Lab Code: ACE Case No.: Sharkey Lai

MA No. : SDG No.: Q3688

Analytical Method : SVOA SIM

Lab File ID : BN038203.D

Instrument ID: BNA_N

BFB / DFTPP : DFTPP

GC Column : ZB-GR ID : 0.25 (mm)

Injection Date : 11/26/2025

Injection Time : 14:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.2
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Present	37.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.8
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15
442	Greater than 50.0% of mass 198	89.6
443	15.0 - 24.0% of mass 442	16.8 (18.7) 2

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.1225	SSTD0.191	BN038204.D	11/26/2025	15:05
SSTD0.2226	SSTD0.292	BN038205.D	11/26/2025	15:42
SSTD0.4227	SSTD0.493	BN038206.D	11/26/2025	16:18
SSTD0.8228	SSTD0.894	BN038207.D	11/26/2025	16:54
SSTD1.6229	SSTD1.695	BN038208.D	11/26/2025	17:31
SSTD3.2230	SSTD3.296	BN038209.D	11/26/2025	18:07
SICV231	SSTDICV0.4	BN038210.D	11/26/2025	18:43

FORM 5-OR
GC/MS INSTRUMENT PERFORMANCE CHECK

EPA SAMPLE NO.

DFTPP278

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lai
Analytical Method : SVOA SIM
Instrument ID: BNA_N
GC Column : ZB-GR ID : 0.25 (mm)
Injection Date : 12/02/2025

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Lab File ID : BN038249.D
BFB / DFTPP : DFTPP
Injection Time : 11:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.7
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Present	38
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	26.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	12.5
442	Greater than 50.0% of mass 198	78
443	15.0 - 24.0% of mass 442	16.1 (20.6) 2

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4275	SSTDCCC0.4	BN038250.D	12/02/2025	12:11
SBLK718	PB170718BL	BN038251.D	12/02/2025	12:48
SLCS718	PB170718BS	BN038252.D	12/02/2025	13:24
M-31S	Q3688-01	BN038253.D	12/02/2025	14:00
M-31SMS	Q3688-02MS	BN038254.D	12/02/2025	14:36
M-31SMSD	Q3688-03MSD	BN038255.D	12/02/2025	15:13
RBGW-20251119	Q3688-04	BN038256.D	12/02/2025	15:49
M-32I	Q3688-06	BN038257.D	12/02/2025	16:26
M-31I	Q3688-09	BN038258.D	12/02/2025	17:02
M-32S	Q3688-10	BN038259.D	12/02/2025	17:38
RBGW-20251120	Q3688-11	BN038260.D	12/02/2025	18:15
M-30S	Q3688-12	BN038261.D	12/02/2025	18:51
M-30I	Q3688-13	BN038262.D	12/02/2025	19:28
FDGW-20251120	Q3688-15	BN038263.D	12/02/2025	20:04
WS-14	Q3688-16	BN038264.D	12/02/2025	20:40
M-29	Q3688-17	BN038265.D	12/02/2025	21:17
SSTD0.4276	SSTDCCC0.4EC	BN038266.D	12/02/2025	22:29

FORM 5-OR
GC/MS INSTRUMENT PERFORMANCE CHECK

EPA SAMPLE NO.

DFTPP279

Lab Name : Alliance Technical Group, LLC
 Lab Code: ACE Case No.: Sharkey Lai
 Analytical Method : SVOA SIM
 Instrument ID: BNA_N
 GC Column : ZB-GR ID : 0.25 (mm)
 Injection Date : 12/05/2025

Contract : 68HERH20D0011
 MA No. : SDG No.: Q3688
 Lab File ID : BN038269.D
 BFB / DFTPP : DFTPP
 Injection Time : 11:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.2
68	Less than 2.0% of mass 69	0.6(1.6) 1
69	Present	37.3
70	Less than 2.0% of mass 69	0.2(0.6) 1
127	10.0 - 80.0% of mass 198	47.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.4
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.2
442	Greater than 50.0% of mass 198	95.7
443	15.0 - 24.0% of mass 442	17.1(17.9) 2

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4277	SSTDCCC0.4	BN038270.D	12/05/2025	12:05
SBLK720	PB170720BL	BN038271.D	12/05/2025	12:42
SBLK722	PB170722BL	BN038272.D	12/05/2025	13:18
SLCS720	PB170720BS	BN038273.D	12/05/2025	13:54
SLCS722	PB170722BS	BN038274.D	12/05/2025	14:31
RBGW-20251121	Q3688-18	BN038275.D	12/05/2025	15:07
M-28I	Q3688-19	BN038276.D	12/05/2025	15:43
WS-1	Q3688-20	BN038277.D	12/05/2025	16:20
RBGW-20251124	Q3688-22	BN038278.D	12/05/2025	16:55
M-28S	Q3688-23	BN038279.D	12/05/2025	17:32
M-28SDL	Q3688-23DL	BN038280.D	12/05/2025	18:08
SLCS742	PB170742BS	BN038281.D	12/05/2025	18:44
SBLK742	PB170742BL	BN038282.D	12/05/2025	19:21
SLCS724	PB170724BS	BN038283.D	12/05/2025	19:57
SBLK724	PB170724BL	BN038284.D	12/05/2025	20:34
SSTD0.4278	SSTDCCC0.4EC	BN038285.D	12/05/2025	21:47

FORM 8A-OR
INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey MA No.: SDG No.: Q3688
 Analytical Method: SVOA SIM Level: LOW
 EPA Sample No. : SSTD0.4275 Lab File ID (Standard) : BN038250.D
 Instrument ID : BNA N Init.Calib.Date(s): 11/26/2025
 GC Column : ZB-GR ID: 0.25 (mm) Date Analyzed : 12/02/2025
 Heated Purge: Time Analyzed : 12:11

	IS1 (DCB) AREA	RT	IS2 (NPT) AREA	RT	IS3 (ANT) AREA	RT
12 HOUR STD	9123	7.762	28276	10.57	13975	14.43
UPPER LIMIT	18246	8.26	56552	11.06	27950	14.93
LOWER LIMIT	4561.5	7.26	14138	10.06	6987.5	13.93
EPA SAMPLE NO.						
SBLK718	8277	7.76	25091	10.56	12425	14.43
SLCS718	6852	7.77	19542	10.57	9302	14.43
M-31S	10366	7.76	29497	10.56	16581	14.43
M-31SMS	7612	7.76	24125	10.56	12757	14.43
M-31SMSD	7837	7.76	23944	10.57	11905	14.43
RBGW-20251119	8560	7.76	26868	10.57	14263	14.43
M-32I	8089	7.76	24913	10.57	14131	14.43
M-31I	7837	7.76	25843	10.57	14782	14.43
M-32S	8179	7.76	26708	10.56	15008	14.43
RBGW-20251120	8734	7.76	28184	10.57	15261	14.43
M-30S	9557	7.76	30639	10.56	15903	14.43
M-30I	7205	7.76	21641	10.56	10686	14.43
FDGW-20251120	8265	7.76	26145	10.56	13579	14.43
WS-14	7811	7.76	25704	10.56	14283	14.43
M-29	7498	7.76	24549	10.56	12936	14.43

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = 200% of internal standard area
 AREA LOWER LIMIT = 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

FORM 8A-OR
INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: SVOA SIM Level: LOW
 EPA Sample No. : SSTD0.4275 Lab File ID (Standard) : BN038250.D
 Instrument ID : BNA N Init.Calib.Date(s): 11/26/2025
 GC Column : ZB-GR ID: 0.25 (mm) Date Analyzed : 12/02/2025
 Heated Purge: Time Analyzed : 12:11

	IS4 (PHN) AREA	RT	IS5 (CRY) AREA	RT	IS6 (PRY) AREA	RT
12 HOUR STD	20215	17.18	12243	21.37	12704	23.683
UPPER LIMIT	40430	17.68	24486	21.87	25408	24.183
LOWER LIMIT	10107.5	16.68	6121.5	20.87	6352	23.183
EPA SAMPLE NO.						
SBLK718	18893	17.18	12697	21.38	18424	23.68
SLCS718	14225	17.18	9367	21.37	9919	23.68
M-31S	27429	17.18	13931	21.37	11873	23.68
M-31SMS	18778	17.18	11093	21.37	11208	23.68
M-31SMSD	17150	17.18	11866	21.37	12141	23.68
RBGW-20251119	20251	17.18	13047	21.37	11964	23.68
M-32I	23380	17.18	11606	21.37	9964	23.67
M-31I	23275	17.18	11802	21.37	9757	23.67
M-32S	24271	17.18	12403	21.37	10359	23.68
RBGW-20251120	22280	17.18	12995	21.37	11448	23.67
M-30S	23307	17.18	14691	21.37	13252	23.67
M-30I	17105	17.18	12386	21.37	10853	23.67
FDGW-20251120	19738	17.18	12815	21.37	11343	23.67
WS-14	21386	17.18	11942	21.37	10706	23.67
M-29	18613	17.18	11286	21.37	10119	23.67

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = 200% of internal standard area
 AREA LOWER LIMIT = 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

FORM 8A-OR
INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey MA No.: SDG No.: Q3688
 Analytical Method: SVOA SIM Level: LOW
 EPA Sample No. : SSTD0.4277 Lab File ID (Standard) : BN038270.D
 Instrument ID : BNA N Init.Calib.Date(s): 11/26/2025
 GC Column : ZB-GR ID: 0.25 (mm) Date Analyzed : 12/05/2025
 Heated Purge: Time Analyzed : 12:05

	IS1 (DCB) AREA	RT	IS2 (NPT) AREA	RT	IS3 (ANT) AREA	RT
12 HOUR STD	8084	7.762	25043	10.56	13865	14.42
UPPER LIMIT	16168	8.26	50086	11.06	27730	14.92
LOWER LIMIT	4042	7.26	12521.5	10.06	6932.5	13.92
EPA SAMPLE NO.						
M-28S	7552	7.76	23818	10.56	12453	14.42
M-28SDL	7234	7.76	21968	10.56	10876	14.43
SBLK720	8704	7.76	28180	10.56	16454	14.43
SBLK722	10357	7.76	33216	10.56	19565	14.43
SLCS720	6339	7.77	17529	10.57	8089	14.43
SLCS722	5720	7.77	15969	10.57	7291	14.43
RBGW-20251121	7421	7.76	23523	10.56	12712	14.43
M-28I	6347	7.76	18463	10.56	9152	14.43
WS-1	6582	7.76	18378	10.56	9278	14.43
RBGW-20251124	7733	7.76	24457	10.56	12576	14.42
SBLK724	6875	7.76	19971	10.56	10197	14.42
SLCS724	7672	7.77	21841	10.56	10280	14.43
SBLK742	8125	7.76	24500	10.56	12182	14.43
SLCS742	4904	7.77	13626	10.56	6701 *	14.43

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = 200% of internal standard area
 AREA LOWER LIMIT = 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

FORM 8A-OR
INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey I MA No.: SDG No.: Q3688
 Analytical Method: SVOA SIM Level: LOW
 EPA Sample No. : SSTD0.4277 Lab File ID (Standard) : BN038270.D
 Instrument ID : BNA N Init.Calib.Date(s): 11/26/2025
 GC Column : ZB-GR ID: 0.25 (mm) Date Analyzed : 12/05/2025
 Heated Purge: Time Analyzed : 12:05

	IS4 (PHN) AREA	RT	IS5 (CRY) AREA	RT	IS6 (PRY) AREA	RT
12 HOUR STD	22534	17.18	12432	21.37	12699	23.675
UPPER LIMIT	45068	17.68	24864	21.87	25398	24.175
LOWER LIMIT	11267	16.68	6216	20.87	6349.5	23.175
EPA SAMPLE NO.						
M-28S	17717	17.18	10969	21.37	9522	23.67
M-28SDL	15599	17.18	10726	21.37	12870	23.67
SBLK720	28511	17.18	15359	21.37	12468	23.67
SBLK722	33605	17.18	17429	21.37	15019	23.67
SLCS720	12427	17.18	9212	21.37	9668	23.68
SLCS722	11408	17.18	8537	21.37	9103	23.68
RBGW-20251121	18378	17.18	10427	21.37	8941	23.67
M-28I	14718	17.18	10478	21.37	9107	23.67
WS-1	16147	17.18	12413	21.37	11053	23.67
RBGW-20251124	18317	17.18	11615	21.37	10243	23.67
SBLK724	17407	17.18	12643	21.37	11341	23.67
SLCS724	15794	17.18	11370	21.37	12234	23.67
SBLK742	18265	17.17	12311	21.37	10917	23.67
SLCS742	11217 *	17.18	8913	21.37	9478	23.67

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = 200% of internal standard area
 AREA LOWER LIMIT = 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT



QC SAMPLE DATA

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SBLK718

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170718BL
Lab File ID : BN038251.D
Date Received :
Date Extracted : 11/21/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.20	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SBLK720

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170720BL
Lab File ID : BN038271.D
Date Received :
Date Extracted : 11/21/2025
Date Analyzed : 12/05/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.20	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SBLK722

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170722BL
Lab File ID : BN038272.D
Date Received :
Date Extracted : 11/24/2025
Date Analyzed : 12/05/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.20	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SBLK724

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170724BL
Lab File ID : BN038284.D
Date Received :
Date Extracted : 11/24/2025
Date Analyzed : 12/05/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.20	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SBLK742

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170742BL
Lab File ID : BN038282.D
Date Received :
Date Extracted : 11/25/2025
Date Analyzed : 12/05/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.20	U

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SLCS718

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170718BS
Lab File ID : BN038252.D
Date Received :
Date Extracted : 11/21/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	1.8	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SLCS720

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170720BS
Lab File ID : BN038273.D
Date Received :
Date Extracted : 11/21/2025
Date Analyzed : 12/05/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	1.8	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SLCS722

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170722BS
Lab File ID : BN038274.D
Date Received :
Date Extracted : 11/24/2025
Date Analyzed : 12/05/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	1.9	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SLCS724

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170724BS
Lab File ID : BN038283.D
Date Received :
Date Extracted : 11/24/2025
Date Analyzed : 12/05/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	1.5	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

SLCS742

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 1000 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : PB170742BS
Lab File ID : BN038281.D
Date Received :
Date Extracted : 11/25/2025
Date Analyzed : 12/05/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	2.1	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31SMS

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-02MS
Lab File ID : BN038254.D
Date Received : 11/19/2025
Date Extracted : 11/21/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.96	

FORM 1A-OR
ORGANIC ANALYSIS DATA SHEET
TARGET ANALYTE LIST

EPA SAMPLE NO.

M-31SMSD

Lab Name : Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Land
Analytical Method : SVOA SIM
Matrix : Water
Sample wt/vol : 990 (g/mL) mL
% Solids :
GC Column : ZB-GR ID : 0.25 (mm)
GC Column : ID : (mm)
Extract Concentrated : (Y/N) N
Soil Aliquot (VOA) : (µL)
Heated Purge : (Y/N)
Purge Volume : (mL)
Cleanup Types :
Concentration Units (µg/L, µg/kg, µg, or µg/cm²): µg/L

Contract : 68HERH20D0011
MA No. : SDG No.: Q3688
Level :
Lab Sample ID : Q3688-03MSD
Lab File ID : BN038255.D
Date Received : 11/19/2025
Date Extracted : 11/21/2025
Date Analyzed : 12/02/2025
Extract Volume : 1000 (µL)
Extraction Type : CONH
Injection Volume : 1.0 (µL)
pH : 6 Dilution Factor : 1.0
Cleanup Factor : 1.0

CAS NO.	ANALYTE	CONCENTRATION	Q
123-91-1	1,4-Dioxane	0.97	



CALIBRATION SUMMARY

FORM 6A-OR
GC/MS INITIAL CALIBRATION DATA

Lab Name: Alliance Technical Group, LLC
Lab Code: ACE Case No.: Sharkey Lar
Analytical Method : SVOA SIM
Instrument ID: BNA_N
GC Column: ZB-GR ID: 0.25 (mm)
Length : 30 (m)
Heated Purge: (Y/N)

Contract: 68HERH20D0011
MA No.: SDG No.: Q3688
Level : LOW
Calibration Date(s): 11/26/2025 11/26/2025
Calibration Time(s): 15:05 18:07
Purge Volume : (mL)

LAB FILE ID:		RRF0.1 =BN038204.D		RRF0.2= BN038205.D		RRF0.4 =BN038206.D		
		RRF0.8 =BN038207.D		RRF1.6= BN038208.D		RRF3.2 =BN038209.D		
ANALYTE	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	<u>RRF</u>	% RSD
1,4-Dioxane		0.468	0.460	0.449	0.430	0.453	0.452	3.1
1,4-Dioxane-d8		0.430	0.441	0.428	0.402	0.398	0.420	4.4
Fluoranthene-d10	1.572	1.544	1.619	1.539	1.500		1.555	2.8
2-Methylnaphthalene-d10	0.578	0.574	0.580	0.570	0.551		0.570	2.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method: SVOA SIM Level:
 Instrument ID: BNA_N Date Analyzed: 11/26/2025 Time: 18:43
 Lab File ID: BN038210.D Init. Calib Date(s): 11/26/2025 11/26/2025
 EPA Sample No.: SICV231 Init. Calib Time(s): 15:05 18:07
 GC Column: ZB-GR ID: 0.25 (mm) Length: 30 (m)
 Heated Purge: (Y/N) Purge Volume: (mL)

ANALYTE	$\overline{\text{RRF}}$	RRF0.4	MIN RRF	%D	MAX %D
1,4-Dioxane	0.452	0.473	0.01	4.5	± 40.0
1,4-Dioxane-d8	0.420	0.432	0.01	3.0	± 40.0
Fluoranthene-d10	1.555	1.608	0.40	3.4	± 30.0
2-Methylnaphthalene-d10	0.570	0.624	0.30	9.4	± 30.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method: SVOA SIM Level:
 Instrument ID: BNA_N Date Analyzed: 12/02/2025 Time: 12:11
 Lab File ID: BN038250.D Init. Calib Date(s): 11/26/2025 11/26/2025
 EPA Sample No.: SSTD0.4275 Init. Calib Time(s): 15:05 18:07
 GC Column: ZB-GR ID: 0.25 (mm) Length: 30 (m)
 Heated Purge: (Y/N) Purge Volume: (mL)

ANALYTE	$\overline{\text{RRF}}$	RRF0.4	MIN RRF	%D	MAX %D
1,4-Dioxane	0.452	0.422	0.01	-6.7	± 40.0
1,4-Dioxane-d8	0.420	0.402	0.01	-4.1	± 40.0
Fluoranthene-d10	1.555	1.385	0.40	-10.9	± 30.0
2-Methylnaphthalene-d10	0.570	0.566	0.30	-0.9	± 30.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method: SVOA SIM Level:
 Instrument ID: BNA_N Date Analyzed: 12/02/2025 Time: 22:29
 Lab File ID: BN038266.D Init. Calib Date(s): 11/26/2025 11/26/2025
 EPA Sample No.: SSTD0.4276 Init. Calib Time(s): 15:05 18:07
 GC Column: ZB-GR ID: 0.25 (mm) Length: 30 (m)
 Heated Purge: (Y/N) Purge Volume: (mL)

ANALYTE	$\overline{\text{RRF}}$	RRF0.4	MIN RRF	%D	MAX %D
1,4-Dioxane	0.452	0.447	0.01	-1.1	± 50.0
1,4-Dioxane-d8	0.420	0.415	0.01	-1.1	± 50.0
Fluoranthene-d10	1.555	1.439	0.40	-7.4	± 50.0
2-Methylnaphthalene-d10	0.570	0.584	0.30	2.5	± 50.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method: SVOA SIM Level:
 Instrument ID: BNA_N Date Analyzed: 12/05/2025 Time: 12:05
 Lab File ID: BN038270.D Init. Calib Date(s): 11/26/2025 11/26/2025
 EPA Sample No.: SSTD0.4277 Init. Calib Time(s): 15:05 18:07
 GC Column: ZB-GR ID: 0.25 (mm) Length: 30 (m)
 Heated Purge: (Y/N) Purge Volume: (mL)

ANALYTE	$\overline{\text{RRF}}$	RRF0.4	MIN RRF	%D	MAX %D
1,4-Dioxane	0.452	0.436	0.01	-3.5	± 40.0
1,4-Dioxane-d8	0.420	0.418	0.01	-0.3	± 40.0
Fluoranthene-d10	1.555	1.546	0.40	-0.6	± 30.0
2-Methylnaphthalene-d10	0.570	0.583	0.30	2.2	± 30.0

INITIAL CALIBRATION VERIFICATION AND CONTINUING CALIBRATION VERIFICATION FOR GC/MS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey La MA No.: SDG No.: Q3688
 Analytical Method: SVOA SIM Level:
 Instrument ID: BNA_N Date Analyzed: 12/05/2025 Time: 21:47
 Lab File ID: BN038285.D Init. Calib Date(s): 11/26/2025 11/26/2025
 EPA Sample No.: SSTD0.4278 Init. Calib Time(s): 15:05 18:07
 GC Column: ZB-GR ID: 0.25 (mm) Length: 30 (m)
 Heated Purge: (Y/N) Purge Volume: (mL)

ANALYTE	$\overline{\text{RRF}}$	RRF0.4	MIN RRF	%D	MAX %D
1,4-Dioxane	0.452	0.445	0.01	-1.5	± 50.0
1,4-Dioxane-d8	0.420	0.419	0.01	-0.1	± 50.0
Fluoranthene-d10	1.555	1.272	0.40	-18.2	± 50.0
2-Methylnaphthalene-d10	0.570	0.562	0.30	-1.6	± 50.0

LAB CHRONICLE

OrderID:	Q3688	OrderDate:	11/19/2025 4:37:47 PM
Client:	WSP USA Inc.	Project:	Sharkey Landfill Site FYR Reuse Morris County NJ
Contact:	Tricia Landes	Location:	D41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3688-01	M-31S	Water	Mercury Metals CLP12	SFAM_HG SFAM_AES	11/19/25	12/05/25 12/04/25	12/05/25 12/08/25	11/19/25
Q3688-04	RBGW-20251119	Water	Mercury Metals CLP12	SFAM_HG SFAM_AES	11/19/25	12/05/25 12/04/25	12/05/25 12/08/25	11/19/25
Q3688-06	M-32I	Water	Mercury Metals CLP12	SFAM_HG SFAM_AES	11/19/25	12/05/25 12/04/25	12/05/25 12/08/25	11/19/25
Q3688-09	M-31I	Water	Mercury Metals CLP12	SFAM_HG SFAM_AES	11/20/25	12/05/25 12/04/25	12/05/25 12/08/25	11/20/25
Q3688-10	M-32S	Water	Mercury Metals CLP12	SFAM_HG SFAM_AES	11/20/25	12/05/25 12/04/25	12/05/25 12/08/25	11/20/25
Q3688-11	RBGW-20251120	Water	Mercury Metals CLP12	SFAM_HG SFAM_AES	11/20/25	12/05/25 12/04/25	12/05/25 12/08/25	11/20/25
Q3688-12	M-30S	Water	Mercury Metals CLP12	SFAM_HG SFAM_AES	11/20/25	12/05/25 12/04/25	12/05/25 12/08/25	11/20/25
Q3688-13	M-30I	Water	Mercury Metals CLP12	SFAM_HG SFAM_AES	11/20/25	12/05/25 12/04/25	12/05/25 12/08/25	11/20/25
Q3688-15	FDGW-20251120	Water			11/20/25			11/20/25

LAB CHRONICLE

Q3688-16	WS-14	Water	Mercury	SFAM_HG	12/05/25	12/05/25	11/21/25	11/21/25
			Metals CLP12	SFAM_AES	12/04/25	12/08/25		
Q3688-17	M-29	Water	Mercury	SFAM_HG	12/05/25	12/05/25	11/21/25	11/21/25
			Metals CLP12	SFAM_AES	12/04/25	12/08/25		
Q3688-18	RBGW-20251121	Water	Mercury	SFAM_HG	12/05/25	12/05/25	11/21/25	11/21/25
			Metals CLP12	SFAM_AES	12/04/25	12/08/25		
Q3688-19	M-28I	Water	Mercury	SFAM_HG	12/05/25	12/05/25	11/21/25	11/21/25
			Metals CLP12	SFAM_AES	12/04/25	12/08/25		
Q3688-20	WS-1	Water	Mercury	SFAM_HG	12/05/25	12/05/25	11/21/25	11/21/25
			Metals CLP12	SFAM_AES	12/04/25	12/08/25		
Q3688-22	RBGW-20251124	Water	Mercury	SFAM_HG	12/05/25	12/05/25	11/24/25	11/24/25
			Metals CLP12	SFAM_AES	12/04/25	12/08/25		
Q3688-23	M-28S	Water	Mercury	SFAM_HG	12/05/25	12/05/25	11/24/25	11/24/25
			Metals CLP12	SFAM_AES	12/04/25	12/08/25		

Hit Summary Sheet
SW-846

SDG No.:	Q3688	Order ID:	Q3688
Client:	WSP USA Inc.	Project ID:	Sharkey Landfill Site FYR Reuse Morris C

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : M-31S								
Q3688-01	M-31S	Water	Barium	52.0	J	3.80	200	ug/L
Q3688-01	M-31S	Water	Chromium	0.67	J	0.57	10.0	ug/L
Client ID : M-32I								
Q3688-06	M-32I	Water	Arsenic	12.0		2.90	10.0	ug/L
Q3688-06	M-32I	Water	Barium	100	J	3.80	200	ug/L
Q3688-06	M-32I	Water	Chromium	7.00	J	0.57	10.0	ug/L
Q3688-06	M-32I	Water	Lead	2.40	J	2.30	10.0	ug/L
Client ID : M-31I								
Q3688-09	M-31I	Water	Arsenic	7.70	J	2.90	10.0	ug/L
Q3688-09	M-31I	Water	Barium	64.0	J	3.80	200	ug/L
Q3688-09	M-31I	Water	Chromium	8.20	J	0.57	10.0	ug/L
Client ID : M-32S								
Q3688-10	M-32S	Water	Barium	100	J	3.80	200	ug/L
Q3688-10	M-32S	Water	Chromium	7.80	J	0.57	10.0	ug/L
Client ID : M-30S								
Q3688-12	M-30S	Water	Arsenic	4.20	J	2.90	10.0	ug/L
Q3688-12	M-30S	Water	Barium	300		3.80	200	ug/L
Q3688-12	M-30S	Water	Chromium	10.0		0.57	10.0	ug/L
Q3688-12	M-30S	Water	Lead	5.10	J	2.30	10.0	ug/L
Q3688-12	M-30S	Water	Silver	1.60	J	0.27	10.0	ug/L
Client ID : M-30I								
Q3688-13	M-30I	Water	Barium	43.0	J	3.80	200	ug/L
Q3688-13	M-30I	Water	Chromium	1.80	J	0.57	10.0	ug/L
Client ID : FDGW-20251120								
Q3688-15	FDGW-20251120	Water	Barium	300		3.80	200	ug/L
Q3688-15	FDGW-20251120	Water	Cadmium	0.30	J	0.23	5.00	ug/L
Q3688-15	FDGW-20251120	Water	Chromium	5.30	J	0.57	10.0	ug/L
Q3688-15	FDGW-20251120	Water	Lead	5.70	J	2.30	10.0	ug/L
Q3688-15	FDGW-20251120	Water	Silver	2.70	J	0.27	10.0	ug/L
Client ID : WS-14								
Q3688-16	WS-14	Water	Barium	94.0	J	3.80	200	ug/L
Q3688-16	WS-14	Water	Chromium	33.0		0.57	10.0	ug/L
Q3688-16	WS-14	Water	Silver	0.35	J	0.27	10.0	ug/L

Hit Summary Sheet
SW-846

SDG No.:	Q3688	Order ID:	Q3688
Client:	WSP USA Inc.	Project ID:	Sharkey Landfill Site FYR Reuse Morris C

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : M-29								
Q3688-17	M-29	Water	Arsenic	3.80	J	2.90	10.0	ug/L
Q3688-17	M-29	Water	Barium	84.0	J	3.80	200	ug/L
Q3688-17	M-29	Water	Chromium	13.0		0.57	10.0	ug/L
Q3688-17	M-29	Water	Lead	6.00	J	2.30	10.0	ug/L
Client ID : M-28I								
Q3688-19	M-28I	Water	Barium	88.0	J	3.80	200	ug/L
Q3688-19	M-28I	Water	Chromium	12.0		0.57	10.0	ug/L
Q3688-19	M-28I	Water	Lead	2.90	J	2.30	10.0	ug/L
Client ID : WS-1								
Q3688-20	WS-1	Water	Barium	320		3.80	200	ug/L
Q3688-20	WS-1	Water	Chromium	36.0		0.57	10.0	ug/L
Client ID : M-28S								
Q3688-23	M-28S	Water	Arsenic	6.10	J	2.90	10.0	ug/L
Q3688-23	M-28S	Water	Barium	40.0	J	3.80	200	ug/L
Q3688-23	M-28S	Water	Chromium	4.10	J	0.57	10.0	ug/L



SAMPLE DATA

A

B

C

D

E

F

G

H

I

J

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

M-31S

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-01
% Solids: Date Received: 11/19/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	10	U	12/08/2025	1153
7440-39-3	Barium	52	J	12/08/2025	1153
7440-43-9	Cadmium	5.0	U	12/08/2025	1153
7440-47-3	Chromium	0.67	J	12/08/2025	1153
7439-92-1	Lead	10	U	12/08/2025	1153
7782-49-2	Selenium	35	U	12/08/2025	1153
7440-22-4	Silver	10	U	12/08/2025	1153

NOTE: Hardness (total) is reported in mg/L

Comments:

8
A
B
C
D
E
F
G
H
I
J

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011

Lab Code: ACECase No.: Sharkey LandfiMA No. :SDG No.: Q3688

Matrix: WaterLab Sample ID: Q3688-01

% Solids:Date Received: 11/19/2025

Analytical Method: Hg

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²):ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1146

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
RBGW-20251119

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-04
% Solids: Date Received: 11/19/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	10	U	12/08/2025	1212
7440-39-3	Barium	200	U	12/08/2025	1212
7440-43-9	Cadmium	5.0	U	12/08/2025	1212
7440-47-3	Chromium	10	U	12/08/2025	1212
7439-92-1	Lead	10	U	12/08/2025	1212
7782-49-2	Selenium	35	U	12/08/2025	1212
7440-22-4	Silver	10	U	12/08/2025	1212

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
RBGW-20251119

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-04
% Solids: Date Received: 11/19/2025
Analytical Method: Hg
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1153

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
M-32I

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-06
% Solids: Date Received: 11/19/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	12		12/08/2025	1216
7440-39-3	Barium	100	J	12/08/2025	1216
7440-43-9	Cadmium	5.0	U	12/08/2025	1216
7440-47-3	Chromium	7.0	J	12/08/2025	1216
7439-92-1	Lead	2.4	J	12/08/2025	1216
7782-49-2	Selenium	35	U	12/08/2025	1216
7440-22-4	Silver	10	U	12/08/2025	1216

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
M-32I

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-06
% Solids: Date Received: 11/19/2025
Analytical Method: Hg
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1155

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

M-31I

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-09
% Solids: Date Received: 11/20/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	7.7	J	12/08/2025	1221
7440-39-3	Barium	64	J	12/08/2025	1221
7440-43-9	Cadmium	5.0	U	12/08/2025	1221
7440-47-3	Chromium	8.2	J	12/08/2025	1221
7439-92-1	Lead	10	U	12/08/2025	1221
7782-49-2	Selenium	35	U	12/08/2025	1221
7440-22-4	Silver	10	U	12/08/2025	1221

NOTE: Hardness (total) is reported in mg/L

Comments:

8
A
B
C
D
E
F
G
H
I
J

Lab Name: Alliance Technical Group, LLCContract: 68HERH20D0011

Lab Code: ACECase No.: Sharkey LandfiMA No. :SDG No.: Q3688

Matrix: WaterLab Sample ID: Q3688-09

% Solids:Date Received: 11/20/2025

Analytical Method: Hg

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²):ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1157

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

M-32S

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-10
% Solids: Date Received: 11/20/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	10	U	12/08/2025	1242
7440-39-3	Barium	100	J	12/08/2025	1242
7440-43-9	Cadmium	5.0	U	12/08/2025	1242
7440-47-3	Chromium	7.8	J	12/08/2025	1242
7439-92-1	Lead	10	U	12/08/2025	1242
7782-49-2	Selenium	35	U	12/08/2025	1242
7440-22-4	Silver	10	U	12/08/2025	1242

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
M-32S

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-10
% Solids: Date Received: 11/20/2025
Analytical Method: Hg
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1200

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
RBGW-20251120

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-11
% Solids: Date Received: 11/20/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	10	U	12/08/2025	1247
7440-39-3	Barium	200	U	12/08/2025	1247
7440-43-9	Cadmium	5.0	U	12/08/2025	1247
7440-47-3	Chromium	10	U	12/08/2025	1247
7439-92-1	Lead	10	U	12/08/2025	1247
7782-49-2	Selenium	35	U	12/08/2025	1247
7440-22-4	Silver	10	U	12/08/2025	1247

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
RBGW-20251120

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-11
% Solids: Date Received: 11/20/2025
Analytical Method: Hg
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1202

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

M-30S

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-12
% Solids: Date Received: 11/20/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	4.2	J	12/08/2025	1251
7440-39-3	Barium	300		12/08/2025	1251
7440-43-9	Cadmium	5.0	U	12/08/2025	1251
7440-47-3	Chromium	10		12/08/2025	1251
7439-92-1	Lead	5.1	J	12/08/2025	1251
7782-49-2	Selenium	35	U	12/08/2025	1251
7440-22-4	Silver	1.6	J	12/08/2025	1251

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
M-30S

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-12
% Solids: Date Received: 11/20/2025
Analytical Method: Hg
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1204

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

M-30I

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-13
% Solids: Date Received: 11/20/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	10	U	12/08/2025	1256
7440-39-3	Barium	43	J	12/08/2025	1256
7440-43-9	Cadmium	5.0	U	12/08/2025	1256
7440-47-3	Chromium	1.8	J	12/08/2025	1256
7439-92-1	Lead	10	U	12/08/2025	1256
7782-49-2	Selenium	35	U	12/08/2025	1256
7440-22-4	Silver	10	U	12/08/2025	1256

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
M-30I

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-13
% Solids: Date Received: 11/20/2025
Analytical Method: Hg
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1206

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
FDGW-20251120

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-15
% Solids: Date Received: 11/20/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	10	U	12/08/2025	1300
7440-39-3	Barium	300		12/08/2025	1300
7440-43-9	Cadmium	0.30	J	12/08/2025	1300
7440-47-3	Chromium	5.3	J	12/08/2025	1300
7439-92-1	Lead	5.7	J	12/08/2025	1300
7782-49-2	Selenium	35	U	12/08/2025	1300
7440-22-4	Silver	2.7	J	12/08/2025	1300

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
FDGW-20251120

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-15
% Solids: Date Received: 11/20/2025
Analytical Method: Hg
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1209

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
WS-14

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-16
% Solids: Date Received: 11/21/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	10	U	12/08/2025	1305
7440-39-3	Barium	94	J	12/08/2025	1305
7440-43-9	Cadmium	5.0	U	12/08/2025	1305
7440-47-3	Chromium	33		12/08/2025	1305
7439-92-1	Lead	10	U	12/08/2025	1305
7782-49-2	Selenium	35	U	12/08/2025	1305
7440-22-4	Silver	0.35	J	12/08/2025	1305

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
WS-14

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-16
% Solids: Date Received: 11/21/2025
Analytical Method: Hg
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1211

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

M-29

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-17
% Solids: Date Received: 11/21/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	3.8	J	12/08/2025	1310
7440-39-3	Barium	84	J	12/08/2025	1310
7440-43-9	Cadmium	5.0	U	12/08/2025	1310
7440-47-3	Chromium	13		12/08/2025	1310
7439-92-1	Lead	6.0	J	12/08/2025	1310
7782-49-2	Selenium	35	U	12/08/2025	1310
7440-22-4	Silver	10	U	12/08/2025	1310

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
M-29

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-17
% Solids: Date Received: 11/21/2025
Analytical Method: Hg
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1213

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
RBGW-20251121

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-18
% Solids: Date Received: 11/21/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	10	U	12/08/2025	1323
7440-39-3	Barium	200	U	12/08/2025	1323
7440-43-9	Cadmium	5.0	U	12/08/2025	1323
7440-47-3	Chromium	10	U	12/08/2025	1323
7439-92-1	Lead	10	U	12/08/2025	1323
7782-49-2	Selenium	35	U	12/08/2025	1323
7440-22-4	Silver	10	U	12/08/2025	1323

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
RBGW-20251121

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-18
% Solids: Date Received: 11/21/2025
Analytical Method: Hg
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1216

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
M-28I

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-19
% Solids: Date Received: 11/21/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	10	U	12/08/2025	1328
7440-39-3	Barium	88	J	12/08/2025	1328
7440-43-9	Cadmium	5.0	U	12/08/2025	1328
7440-47-3	Chromium	12		12/08/2025	1328
7439-92-1	Lead	2.9	J	12/08/2025	1328
7782-49-2	Selenium	35	U	12/08/2025	1328
7440-22-4	Silver	10	U	12/08/2025	1328

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
M-28I

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-19
% Solids: Date Received: 11/21/2025
Analytical Method: Hg
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1218

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
WS-1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-20
% Solids: Date Received: 11/21/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	10	U	12/08/2025	1333
7440-39-3	Barium	320		12/08/2025	1333
7440-43-9	Cadmium	5.0	U	12/08/2025	1333
7440-47-3	Chromium	36		12/08/2025	1333
7439-92-1	Lead	10	U	12/08/2025	1333
7782-49-2	Selenium	35	U	12/08/2025	1333
7440-22-4	Silver	10	U	12/08/2025	1333

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
WS-1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-20
% Solids: Date Received: 11/21/2025
Analytical Method: Hg
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1220

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
RBGW-20251124

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-22
% Solids: Date Received: 11/24/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	10	U	12/08/2025	1337
7440-39-3	Barium	200	U	12/08/2025	1337
7440-43-9	Cadmium	5.0	U	12/08/2025	1337
7440-47-3	Chromium	10	U	12/08/2025	1337
7439-92-1	Lead	10	U	12/08/2025	1337
7782-49-2	Selenium	35	U	12/08/2025	1337
7440-22-4	Silver	10	U	12/08/2025	1337

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
RBGW-20251124

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-22
% Solids: Date Received: 11/24/2025
Analytical Method: Hg
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1222

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

M-28S

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-23
% Solids: Date Received: 11/24/2025
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-38-2	Arsenic	6.1	J	12/08/2025	1342
7440-39-3	Barium	40	J	12/08/2025	1342
7440-43-9	Cadmium	5.0	U	12/08/2025	1342
7440-47-3	Chromium	4.1	J	12/08/2025	1342
7439-92-1	Lead	10	U	12/08/2025	1342
7782-49-2	Selenium	35	U	12/08/2025	1342
7440-22-4	Silver	10	U	12/08/2025	1342

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
M-28S

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfi MA No. : SDG No.: Q3688
Matrix: Water Lab Sample ID: Q3688-23
% Solids: Date Received: 11/24/2025
Analytical Method: Hg
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7439-97-6	Mercury	0.20	U	12/05/2025	1225

NOTE: Hardness (total) is reported in mg/L

Comments:



METAL CALIBRATION DATA

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: Sharkey Landf MA No. : SDG No.: Q3688Initial Calibration Verification Source : Continuing Calibration Verification Source : Run Batch: LB138160 Analytical Method: ICP-AESConcentration Units: $\mu\text{g/L}$

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV001				ID: CCV001				ID: CCV002		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Arsenic	4000	3900	98	0	5000	5200	104	0	5300	105	0
Barium	8000	8800	110	1	10000	10000	104	0	11000	106	1
Cadmium	2000	2000	102	1	2500	2600	103	1	2600	102	0
Chromium	800	850	106	1	15500	16000	103	0	16000	102	0
Lead	4000	3800	94	0	25000	26000	102	0	26000	102	0
Selenium	4000	4100	102	1	5000	5300	106	1	5400	107	0
Silver	1000	1100	107	1	1250	1300	104	0	1300	102	0

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: Sharkey Landf MA No. : SDG No.: Q3688Initial Calibration Verification Source : Continuing Calibration Verification Source : Run Batch: LB138160 Analytical Method: ICP-AESConcentration Units: $\mu\text{g/L}$

	Initial Calibration Verification				Continuing Calibration Verification						
	ID:				ID: CCV003				ID:		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Arsenic					5000	5200	105	1			
Barium					10000	11000	107	0			
Cadmium					2500	2500	101	1			
Chromium					15500	15000	100	0			
Lead					25000	25000	100	0			
Selenium					5000	5400	107	1			
Silver					1250	1300	102	0			

FORM 2 - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landf MA No. : SDG No.: Q3688
Initial Calibration Verification Source : MP88222
Continuing Calibration Verification Source : MP88224
Run Batch: LB138122 Analytical Method: CVAA
Concentration Units: µg/L

	Initial Calibration Verification				Continuing Calibration Verification						
	ID: ICV001				ID: CCV069				ID: CCV070		
Analyte	True	Found	%R	%RSD	True	Found	%R	%RSD	Found	%R	%RSD
Mercury	4.0	3.8	96		5.0	5.1	103		5.0	100	

FORM 3 - IN
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: Sharkey Land MA No. : SDG No.: Q3688

Preparation Blank Matrix : Water

Preparation Blank Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): ug/L

Analytical Method: ICP-AES Preparation Batch: PB170814

Run Batch: LB138160 Preparation Method: 200.7

Analyte	Initial Calibration Blank ($\mu\text{g/L}$)		Continuing Calibration Blank ($\mu\text{g/L}$)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB001	Q	ID: CCB001	Q	ID: CCB002	Q	ID: CCB003	Q	ID: PBW814	Q
Arsenic	10.0	U	10.0	U	10.0	U	-3.0	J	-3.8	J
Barium	200	U	200	U	200	U	200	U	200	U
Cadmium	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chromium	10.0	U	0.68	J	10.0	U	0.81	J	10.0	U
Lead	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
Selenium	35.0	U	35.0	U	35.0	U	35.0	U	35.0	U
Silver	2.5	J	10.0	U	10.0	U	10.0	U	10.0	U

FORM 3 - IN
BLANKS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Land MA No. : SDG No.: Q3688
Preparation Blank Matrix : Water
Preparation Blank Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): ug/L
Analytical Method: CVAA Preparation Batch: PB170832
Run Batch: LB138122 Preparation Method: 7470A

Analyte	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank/Leachate Extraction Blank	
	ID: ICB001	Q	ID: CCB069	Q	ID: CCB070	Q	ID:	Q	ID: PBW832	Q
Mercury	0.2	U	0.2	U	0.2	U			0.2	U

FORM 4 - IN
ICP INTERFERENCE CHECK SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey Lar MA No. : SDG No.: Q3688
 Analytical Method: ICP-AES ICSA Source: EPA-1211
 Instrument ID: P4 ICSB Source: EPA-0710
 Run Batch: LB138160
 Concentration Units: ug/L

Analyte	True		Found			
	ICSA	ICSAB	ICSA	%R	ICSAB	%R
Aluminum	255000	247000	210000	84	220000	90
Antimony	0	618	11		600	97
Arsenic	0	104	5.4		91	87
Barium	6	537	7.2	119	520	96
Beryllium	0	495	0.47		530	106
Cadmium	1	972	0.82	82	860	89
Calcium	245000	235000	230000	93	240000	101
Chromium	52	542	61	118	610	113
Cobalt	0	476	3.1		520	109
Copper	2	511	-3.5	-175	510	100
Iron	101000	99300	92000	91	97000	97
Lead	0	49	2.0		51	104
Magnesium	255000	248000	220000	87	230000	93
Manganese	7	507	19	270	530	105
Nickel	2	954	8.5	423	1000	109
Potassium	0	0	160		-140	
Selenium	0	46	27		67	147
Silver	0	201	-8.1		170	85
Sodium	0	0	66		-740	
Thallium	0	108	6.0		87	81
Vanadium	0	491	-7.8		500	101
Zinc	0	952	-0.28		1000	107



METAL QC DATA

A

B

C

D

E

F

G

H

I

J

FORM 5A - IN
MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Land MA No. : SDG No.: Q3688
Matrix : Water Analytical Method: ICP-AES
% Solids:

Concentration Units (µg/L, mg/L or mg/kg dry weight): ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) Q	Sample Result (SR) Q	Spike Added (SA)	%R	Q
Arsenic	75 - 125	32	10.0 U	40.0	79	
Barium	75 - 125	1900	52 J	2000	90	
Cadmium	75 - 125	43	5.0 U	50.0	86	
Chromium	75 - 125	220	0.67 J	200	108	
Lead	75 - 125	19	10.0 U	20.0	96	
Selenium	75 - 125	83	35.0 U	100	83	
Silver	75 - 125	48	10.0 U	50.0	96	

M-31SS

FORM 5A - IN
MATRIX SPIKE SAMPLE RECOVERYLab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: Sharkey Land MA No. : SDG No.: Q3688Matrix : Water Analytical Method: CVAA% Solids: Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) Q	Sample Result (SR) Q	Spike Added (SA)	%R	Q
Mercury	75 - 125	1.1	0.2 U	1.0	110	

EPA SAMPLE NO.

FORM 5B - IN
POST-DIGESTION/DISTILLATION SPIKE
SAMPLE RECOVERY

Lab Name: _____ Contract: _____

Lab Code: _____ Case No.: _____ MA No. : _____ SDG No.: _____

Matrix : _____ Analytical Method: _____

% Solids: _____

Concentration Units (µg/L, mg/L or mg/kg dry weight): _____

Analyte	Control Limit %R	Spiked Sample Result (SSR)		Sample Result (SR)		Spike Added (SA)	%R	Q
			Q		Q			

FORM 6 - IN
DUPLICATES

M-31SD

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landf MA No. : SDG No.: Q3688
Matrix : Water Analytical Method: ICP-AES
% Solids:
Concentration Units (µg/L, mg/L or mg/kg dry weight): ug/L

Analyte	Control Limit	Sample (S)	Q	Duplicate (D)	Q	RPD	Q
Arsenic		10.0	U	10.0	U		
Barium		52	J	52	J		
Cadmium		5.0	U	5.0	U		
Chromium		0.67	J	1.6	J		
Lead		10.0	U	10.0	U		
Selenium		35.0	U	35.0	U		
Silver		10.0	U	10.0	U		

FORM 6 - IN
DUPLICATES

M-31SD

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landf MA No. : SDG No.: Q3688
Matrix : Water Analytical Method: CVAA
% Solids:
Concentration Units (µg/L, mg/L or mg/kg dry weight): ug/L

Analyte	Control Limit	Sample (S)	Q	Duplicate (D)	Q	RPD	Q
Mercury		0.2	U	0.2	U		

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Landfill MAL No.: SDG No.: Q3688
Matrix : Water Preparation Method: 200.7
Analytical Method: ICP-AES Preparation Batch: PB170814
Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): $\mu\text{g/L}$

Analyte	True	Found	%R
Arsenic	20	18	88
Barium	400	400	101
Cadmium	10	9.1	91
Chromium	20	22	112
Lead	20	21	102
Selenium	70	59	85
Silver	20	14	71

M-31SL

ICP-AES AND ICP-MS SERIAL DILUTIONS

Concentration Units (µg/L, mg/L or mg/kg dry weight): ug/L

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result (S)	Q	% Difference	Q
Arsenic	10.0	U	50.0	U		
Barium	52	J	47	J	10	
Cadmium	5.0	U	25.0	U		
Chromium	0.67	J	50.0	U	100	
Lead	10.0	U	50.0	U		
Selenium	35.0	U	180	U		
Silver	10.0	U	50.0	U		



METAL PREPARATION & INSTRUMENT DATA

FORM 10A-IN
ICP-AES INTERELEMENT CORRECTION FACTORS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Land MA No.: SDG No.: Q3688
Instrument ID: P4 Date : 01/10/2025

Analyte	Wave- Length (nm)	Interelement Correction Factors For				
		Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0	0	-0.000094	0	0
Barium	493.409	0	0	0	0	0
Cadmium	226.502	0	0	0.000033	0	0
Chromium	267.716	0	0	0	0	0
Lead	220.353	-0.000145	0	0.000040	0	0
Selenium	196.090	0	0	-0.00035	0	0
Silver	328.068	0	0	-0.00018	0	0

FORM 10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Land MA No.: SDG No.: Q3688
Instrument ID: P4 Date : 01/10/2025

Analyte	Wave- Length (nm)	Interelement Correction Factors For				
		As	Ba	Be	Cd	Co
Arsenic	193.759	0	0	0	0	0
Barium	493.409	0	0	0	0	0
Cadmium	226.502	0	0	0	0	0
Chromium	267.716	0	0	0	0	0
Lead	220.353	0	0	0	0	0
Selenium	196.090	0	0	0	0	-0.00092
Silver	328.068	0	0	0	0	0

FORM 10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Land MA No.: SDG No.: Q3688
Instrument ID: P4 Date : 01/10/2025

Analyte	Wave- Length (nm)	Interelement Correction Factors For				
		Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.00080	0	0	0	0.0013
Barium	493.409	0	0	0	0	0
Cadmium	226.502	0	0	0	0	0
Chromium	267.716	0	0	0	0.00026	0
Lead	220.353	0	0.00029	0	0	-0.0014
Selenium	196.090	0	0	0	0.00058	0
Silver	328.068	0	0	0	0	0

FORM 10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Land MA No.: SDG No.: Q3688
Instrument ID: P4 Date : 01/10/2025

Analyte	Wave- Length (nm)	Interelement Correction Factors For				
		Na	Ni	Pb	Sb	Se
Arsenic	193.759	0	0	0	0	0
Barium	493.409	0	0	0	0	0
Cadmium	226.502	0	0	0	0	0
Chromium	267.716	0	0	0	0	0
Lead	220.353	0	0	0	0	0
Selenium	196.090	0	0	0	0	0
Silver	328.068	0	0	0	0	0

FORM 10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Land MA No.: SDG No.: Q3688
Instrument ID: P4 Date : 01/10/2025

Analyte	Wave- Length (nm)	Interelement Correction Factors For				
		Sn	Ti	Tl	V	Zn
Arsenic	193.759	0	0	0	0	0
Barium	493.409	0	0	0	0	0
Cadmium	226.502	0	0	0	0	0
Chromium	267.716	0	0	0	0	0
Lead	220.353	0	-0.00037	0	0	0
Selenium	196.090	0	0	0	0	0
Silver	328.068	0	-0.00022	0	-0.00038	0



METAL PREPARATION & ANALYICAL SUMMARY

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Lar MA No.: SDG No.: Q3688
Instrument ID: P4 Start Date: 12/08/2025
Analytical Method: ICP-AES Run Batch: LB138160
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Arsenic	0	0.0	0	10	7.6	-24	1250	1200	-4
Barium	0	0.030	0	200	180	-10	2500	2300	-8
Cadmium	0	0.0	0	5	4.1	-18	625	630	1
Chromium	0	-0	0	10	10	0	3875	4000	3
Lead	0	-0	0	10	11	10	6250	6100	-2
Selenium	0	0.010	0	35	26	-26	1250	1200	-4
Silver	0	0.0	0	10	7.9	-21	312.5	300	-4

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey Lar MA No.: SDG No.: Q3688
 Instrument ID: P4 Start Date: 12/08/2025
 Analytical Method: ICP-AES Run Batch: LB138160
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Arsenic	2500	2400	-4	5000	4900	-2	10000	10000	0
Barium	5000	4900	-2	10000	9900	-1	20000	20000	0
Cadmium	1250	1300	4	2500	2500	0	5000	5000	0
Chromium	7750	8100	5	15500	16000	3	31000	30000	-3
Lead	12500	12000	-4	25000	25000	0	50000	50000	0
Selenium	2500	2500	0	5000	4900	-2	10000	10000	0
Silver	625	620	-1	1250	1200	-4	2500	2500	0

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Lar MA No.: SDG No.: Q3688
Instrument ID: P4 Start Date: 12/08/2025
Analytical Method: ICP-AES Run Batch: LB138160
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Arsenic	0	0.0	0						
Barium	0	0.0	0						
Cadmium	0	0.0	0						
Chromium	0	0.0	0						
Lead	0	0.0	0						
Selenium	0	0.0	0						
Silver	0	0.0	0						

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Lar MA No.: SDG No.: Q3688
Instrument ID: CV1 Start Date: 12/05/2025
Analytical Method: CVAA Run Batch: LB138122
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Mercury	0	0.0	0	0.2	0.16	-21	2.5	2.5	0

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Lar MA No.: SDG No.: Q3688
Instrument ID: CV1 Start Date: 12/05/2025
Analytical Method: CVAA Run Batch: LB138122
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Mercury	5	5.3	6	7.5	7.3	-3	10	10	0

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey Land MA No.: SDG No.: Q3688
 Instrument ID: P4 Start Date : 12/08/2025
 Analytical Method: ICP-AES Run Batch : LB138160

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.995501	0.013717	-0.000111	Lin. Reg	NONE
Antimony	0.999539	0.101085	0.000903	Lin. Reg	NONE
Arsenic	0.999569	0.064094	-0.000280	Lin. Reg	NONE
Barium	0.999673	0.256771	0.002482	Lin. Reg	NONE
Beryllium	0.999662	5.526770	-0.002990	Lin. Reg	NONE
Cadmium	0.999948	2.067768	-0.000634	Lin. Reg	NONE
Calcium	0.997249	0.007664	0.000170	Lin. Reg	NONE
Chromium	0.999696	0.135036	0.000131	Lin. Reg	NONE
Cobalt	0.999986	0.929949	-0.000389	Lin. Reg	NONE
Copper	0.999967	0.109722	0.002818	Lin. Reg	NONE
Iron	0.997714	0.003637	0.000018	Lin. Reg	NONE
Lead	0.999973	0.171293	0.000075	Lin. Reg	NONE
Magnesium	0.995546	0.001597	0.000002	Lin. Reg	NONE
Manganese	0.999953	0.050170	-0.000004	Lin. Reg	NONE
Nickel	0.999985	0.525269	-0.001059	Lin. Reg	NONE
Phosphorus	0.999589	0.039135	-0.000884	Lin. Reg	NONE
Potassium	0.999115	0.002302	0.005352	Lin. Reg	NONE
Selenium	0.999741	0.078185	0.000319	Lin. Reg	NONE
Silver	0.999819	0.227650	-0.000649	Lin. Reg	NONE
Sodium	0.997847	0.002729	-0.005729	Lin. Reg	NONE
Thallium	0.999165	0.038741	0.000342	Lin. Reg	NONE
Tin	0.999116	0.120441	0.003106	Lin. Reg	NONE
Titanium	0.999961	0.288418	0.001670	Lin. Reg	NONE
Vanadium	0.999975	0.126563	0.000031	Lin. Reg	NONE
Zinc	0.999721	0.202225	0.001023	Lin. Reg	NONE

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Land MA No.: SDG No.: Q3688
Instrument ID: CV1 Start Date : 12/05/2025
Analytical Method: CVAA Run Batch : LB138122

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Mercury	0.999000	0.000231	-0.025900	Lin. Reg	NONE



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.

QUOTE NO.

COC Number

2044519

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: WSP USA INC.
ADDRESS: 350 MT KEMBLE AVE
CITY MORRISTOWN STATE: NJ ZIP: 07960
ATTENTION: TRICIA LANDES
PHONE: 856 2468331 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: SHARKEY LP
PROJECT NO.: LOCATION: PARSIPPANY, NJ
PROJECT MANAGER: TRICIA LANDES
e-mail: patricia.Landes@wsp.com
PHONE: 8562468331 FAX:.

CLIENT BILLING INFORMATION

BILL TO: WSP USA INC. PO#:
ADDRESS: 350 MT KEMBLE AVE
CITY MORRISTOWN STATE: NJ ZIP: 07960
ATTENTION: TRICIA LANDES PHONE: 856 2468331

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

VOCs
SVOCs
1-4-DIOXANE
METALS

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		A	E	E	B						
1.	M-31S	GW		✓	11/19/25	1210	15	X	X	X	X						ms msd
2.	RBGW-20251119	GW		✓	11/19/25	1400	5	X	X	X	X						
3.	TBGW-20251119	GW		✓	11/19/25	—	2	X									
4.	M-32I	GW		✓	11/19/25	1620	5	X	X	X	X						
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <i>[Signature]</i>	DATE/TIME: 11/19/25 1633	RECEIVED BY: 1. <i>[Signature]</i>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 2.7°C
RELINQUISHED BY SAMPLER: 2. <i>[Signature]</i>	DATE/TIME:	RECEIVED BY: 2. <i>[Signature]</i>	Comments:
RELINQUISHED BY SAMPLER: 3. <i>[Signature]</i>	DATE/TIME: 11-19-25	RECEIVED BY: 3. <i>[Signature]</i>	Client: ☐ Hand Delivered ☐ Other

Page ____ of

Shipment Complete
☐ YES ☐ NO

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: WSP USA INC.
ADDRESS: 350 MT KEMBLE AVE
CITY MORRISTOWN STATE: NJ ZIP: 07960
ATTENTION: TRICIA LANDES
PHONE: 8562468331 FAX:

PROJECT NAME: SHARKEY LF
PROJECT NO.: LOCATION: PARSIPPANY, NJ
PROJECT MANAGER: TRICIA LANDES
e-mail: Patricia.Landes@wsp.com
PHONE: 8562468331 FAX:

BILL TO: WSP USA INC. PO#:
ADDRESS: 350 MT KEMBLE AVE
CITY MORRISTOWN STATE: NJ ZIP: 07960
ATTENTION: TRICIA LANDES PHONE: 8562468331

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT _____

VOC'S
SVOC'S
1,1,4-DIOXANE
METALS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		A	E	E	B							← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
								1	2	3	4	5	6	7	8	9		
1.	M-31I	GW		G	11/20/25	1210	5	X	X	X	X						PH 1.3 # 80A0441	
2.	M-32S					1235	5	X	X	X	X							
3.	RBGW-20251120					1340	5	X	X	X	X							
4.	M-30S					1515	5	X	X	X	X							
5.	M-30I					1545	5	X	X	X	X							
6.	TBGW-20251120					—	2	X									FIELD Dup PH 1.3	
7.	FDGW-20251120					0900	5	X	X	X	X							
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP
1. <u>[Signature]</u>	<u>11/20/25 1618</u>	1. <u>[Signature]</u>	<u>2.1 °C</u> <u>2.1 + 0 = 2.1</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Comments:
2. <u>[Signature]</u>		2. <u>[Signature]</u>	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3. <u>[Signature]</u>	<u>11-20-2025</u>	3. <u>[Signature]</u>	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: **WSP USA INC.**
ADDRESS: **350 MT KEMBLE AVE**
CITY **MORRISTOWN** STATE: **NJ** ZIP: **07960**
ATTENTION: **TRICIA LANDES**
PHONE: **8562468331** FAX:

PROJECT NAME: **SHARKEY LF**
PROJECT NO.: LOCATION: **PARSIPPANY, NJ**
PROJECT MANAGER: **TRICIA LANDES**
e-mail: **Patricia.Landes@wsp.com**
PHONE: **8562468331** FAX:

BILL TO: **WSP USA INC.** PO#: **350 MT KEMBLE AVE**
CITY **MORRISTOWN** STATE: **NJ** ZIP: **07960**
ATTENTION: **TRICIA LANDES** PHONE: **8562468331**

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT _____

VOCs
SVOCs
1,4-DIOXANE
METALS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
			COMP	GRAB	DATE	TIME		A	E	E	B							
								1	2	3	4	5	6	7	8	9		
1.	WS-14	GW		G	11/21/25	1025	5	X	X	X	X							PH 1.6 #80A044 ↓
2.	M-29	↓		↓		1055	5	X	X	X	X							
3.	RBGW-20251121			↓		1255	5	X	X	X	X							
4.	M-28I			↓		1635	5	X	X	X	X							
5.	WS-1			↓		1440	5	X	X	X	X							
6.	TBGW-20251121	↓		↓		—	2	X	X	X	X							
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. WSP	DATE/TIME: 11/25/25 1707	RECEIVED BY: 1. L. Landes	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP: 2.0°C Comments: 2.0 + 0.5 = 2.0°C
RELINQUISHED BY SAMPLER: 2. WSP	DATE/TIME: 11/25/25 1819	RECEIVED BY: 2. L. Landes	
RELINQUISHED BY SAMPLER: 3. WSP	DATE/TIME: 11/25/25 1819	RECEIVED BY: 3. L. Landes	

Page ____ of ____ CLIENT: ☐ Hand Delivered ☐ Other ☐ Shipment Complete ☐ YES ☐ NO

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: WSP USA INC.
ADDRESS: 350 MT KEMBLE AVE
CITY MORRISTOWN STATE: NJ ZIP: 07960
ATTENTION: TRICIA LANDES
PHONE: 8562468331 FAX:

PROJECT NAME: SHARKEY LF
PROJECT NO.: LOCATION: PARSIPPANY, NJ
PROJECT MANAGER: TRICIA LANDES
e-mail: Patricia.Landes@wsp.com
PHONE: 8562468331 FAX:

BILL TO: WSP USA INC. PO#:
ADDRESS: 350 MT KEMBLE AVE
CITY MORRISTOWN STATE: NJ ZIP: 07960
ATTENTION: TRICIA LANDES PHONE: 8562468331

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT _____

VOC'S
SVOC'S
1,4-DIOXANE
METALS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		A	E	E	B						← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
								1	2	3	4	5	6	7	8	9		
1.	RBGW-20251124	GW		G	11/24/25	0800	5	X	X	X	X							
2.	M-285					1115	5	X	X	X	X							
3.	TBGW-20251124						2	X										
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>Alexa Lantz</u>	DATE/TIME: <u>11/24/25 13:00</u>	RECEIVED BY: 1. <u>CL</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.3</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments: <u>IF GWT 1</u>
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

9
9.3

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3688	WSPU02	Order Date : 11/19/2025 4:37:47 PM	Project Mgr :
Client Name : WSP USA Inc.		Project Name : Sharkey Landfill Site FYR)	Report Type : Level 4
Client Contact : Tricia Landes		Receive DateTime : 11/19/2025 12:00:00 AM	EDD Type : HAZ/EXCEL
Invoice Name : WSP USA Inc.		Purchase Order : 17:46	Hard Copy Date :
Invoice Contact : Tricia Landes			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3688-01	M-31S	Water	11/19/2025	12:10	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-02	Q3688-01MS	Water	11/19/2025	12:10	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-03	Q3688-01MSD	Water	11/19/2025	12:10	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-04	RBGW-20251119	Water	11/19/2025	14:00	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-05	TBGW-20251119	Water	11/19/2025	00:00	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-06	M-32i	Water	11/19/2025	16:20	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-07	VHBLK001	Water	11/19/2025	00:00	VOC-SFAM		SFAM_VOC	10 Bus. Days	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

9
9.3

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3688	WSPU02	Order Date : 11/19/2025 4:37:47 PM	Project Mgr :
Client Name : WSP USA Inc.		Project Name : Sharkey Landfill Site FYR I	Report Type : Level 4
Client Contact : Tricia Landes		Receive DateTime : 11/19/2025 12:00:00 AM	EDD Type : HAZ/EXCEL
Invoice Name : WSP USA Inc.		Purchase Order : 1746 M	Hard Copy Date :
Invoice Contact : Tricia Landes			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
--------	-----------	--------	----------------	----------------	------	------------	--------	----------	--------------

Relinquished By : CP

Date / Time : 11/20/25 9:30

Received By : [Signature]

Date / Time : 11/20/25

Storage Area : VOA Refridgerator Room

930

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3688	WSPU02	Order Date : 11/19/2025 4:37:47 PM	Project Mgr : Yazmeen
Client Name : WSP USA Inc.		Project Name : Sharkey Landfill Site FYR	Report Type : Level 4
Client Contact : Tricia Landes		Receive DateTime : 11/20/2025 4:48:00 PM	EDD Type : HAZ/EXCEL
Invoice Name : WSP USA Inc.		Purchase Order : 18-10 17:20	Hard Copy Date :
Invoice Contact : Tricia Landes			Date Signoff : 11/20/2025 11:33:00 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3688-09	M-31I	Water	11/20/2025	12:10	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-10	M-32S	Water	11/20/2025	12:35	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-11	RBGW-20251120	Water	11/20/2025	13:40	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-12	M-30S	Water	11/20/2025	15:15	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-13	M-30I	Water	11/20/2025	15:45	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-14	TBGW-20251120	Water	11/20/2025	00:00	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-15	FDGW-20251120	Water	11/20/2025	09:00	VOC-SFAM		SFAM_VOC	10 Bus. Days	

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3688	WSPU02	Order Date : 11/19/2025 4:37:47 PM	Project Mgr : Yazmeen
Client Name : WSP USA Inc.		Project Name : Sharkey Landfill Site FYR	Report Type : Level 4
Client Contact : Tricia Landes		Receive Date/Time : 11/20/2025 4:18:00 PM	EDD Type : HAZ/EXCEL
Invoice Name : WSP USA Inc.		Purchase Order : 18-10 17-20	Hard Copy Date :
Invoice Contact : Tricia Landes			Date Signoff : 11/20/2025 11:33:00 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
--------	-----------	--------	----------------	----------------	------	------------	--------	----------	--------------

Relinquished By : al

Date / Time : 11/21/25 9:55

Received By : Sam

Date / Time : 11/21/25 9:55

Reg # 4

Storage Area : VOA Refrigerator Room



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3688	WSPU02	Order Date : 11/19/2025 4:37:47 PM	Project Mgr : Yazmeen
Client Name : WSP USA Inc.		Project Name : Sharkey Landfill Site FYR I	Report Type : Level 4
Client Contact : Tricia Landes		Receive DateTime : 11/24/2025 6:10:00 PM	EDD Type : HAZ/EXCEL
Invoice Name : WSP USA Inc.		Purchase Order : 21	Hard Copy Date :
Invoice Contact : Tricia Landes			Date Signoff : 11/20/2025 11:33:00 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3688-16	WS-14	Water	11/21/2025	10:25	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-17	M-29	Water	11/21/2025	10:55	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-18	RBGW-20251121	Water	11/21/2025	12:55	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-19	M-28I	Water	11/21/2025	16:35	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-20	WS-1	Water	11/21/2025	14:40	VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-21	TBGW-20251121	Water	11/21/2025	00:00	VOC-SFAM		SFAM_VOC	10 Bus. Days	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

9
9.3

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3688 **WSPU02** **Order Date :** 11/19/2025 4:37:47 PM **Project Mgr :** Yazmeen
Client Name : WSP USA Inc. **Project Name :** Sharkey Landfill Site FYR I **Report Type :** Level 4
Client Contact : Tricia Landes **Receive DateTime :** 11/24/2025 6:10:00 PM **EDD Type :** HAZ/EXCEL
Invoice Name : WSP USA Inc. **Purchase Order :** 21 **Hard Copy Date :**
Invoice Contact : Tricia Landes **Date Signoff :** 11/20/2025 11:33:00 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
--------	-----------	--------	----------------	----------------	------	------------	--------	----------	--------------

Relinquished By : CP

Date / Time : 11/24/25 10:41

Received By : Sam

Date / Time : 11/24/25 10:41

Ref # 4

Storage Area : VOA Refridgerator Room



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

9

9.3

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3688 WSPU02 Order Date : 11/19/2025 4:37:47 PM Project Mgr : Yazmeen
Client Name : WSP USA Inc. Project Name : Sharkey Landfill Site FYR I Report Type : Level 4
Client Contact : Tricia Landes Receive DateTime : 11/24/2025 1:00:00 PM EDD Type : HAZ/EXCEL
Invoice Name : WSP USA Inc. Purchase Order : Hard Copy Date :
Invoice Contact : Tricia Landes Date Signoff : 11/20/2025 11:33:00 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3688-22	RBGW-20251124	Water	11/24/2025	08:00					
					VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-23	285 M-285 M	Water	11/24/2025	11:15					
					VOC-SFAM		SFAM_VOC	10 Bus. Days	
Q3688-24	TBGW-20251124	Water	11/24/2025	00:00					
					VOC-SFAM		SFAM_VOC	10 Bus. Days	

Relinquished By : al

Date / Time : 11/24/25 13:47

Received By : Sam

Date / Time : 11/24/25 13:17 ng#4

Storage Area : VOA Refridgerator Room

FORM DC-1
SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page <u>1</u> of <u>4</u>
Received By (Print Name) <u>Jassanova Ronic</u>		Log-in Date 11/19/2025
Received By (Signature) <u>[Signature]</u>		
Case Number	Sharkey Landfill Site	SDG No. Q3688
		MA No. N/A

Remarks:	
1. Custody Seal (s)	Absent
2. Custody Seal Nos.	N/A
3. Traffic Reports/Chain Of Custody Records	Absent
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	Alliance pickup 1
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.7 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	11/19/2025
12. Time Received	17:46

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding		Remarks: Condition of Sample Shipment, etc.
			Sample Tag #	Assigned Lab #	
1	M-31S	N/A		Q3688-01	Intact
2	Q3688-01MS	N/A		Q3688-02	Intact
3	Q3688-01MSD	N/A		Q3688-03	Intact
4	RBGW-20251119	N/A		Q3688-04	Intact
5	TBGW-20251119	N/A		Q3688-05	Intact
6	M-32I	N/A		Q3688-06	Intact
7	EMS	N/A		Q3688-08	Intact
8	N/A	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By <u>[Signature]</u>	Logbook No. N/A
Date <u>11/19/25</u>	Logbook Page No. N/A

FORM DC-1

SFAM01.1 (11/2020)

FORM DC-1
SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page <u>2</u> of <u>4</u>
Received By (Print Name) <u>Cassanova Rene</u>		Log-in Date 11/20/2025
Received By (Signature) <u>[Signature]</u>		
Case Number	Sharkey Landfill Site	SDG No. Q3688
		MA No. N/A

Remarks:			Aqueous Water Sample pH	Corresponding Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1. Custody Seal (s)	Absent					
2. Custody Seal Nos.	N/A					
3. Traffic Reports/Chain Of Custody Records	Absent					
4. Airbill	Present					
5. Airbill No. and Shipping Container ID No.	Alliance pickup 2					
6. Shipping Container Temperature Indicator Bottle	Present					
7. Shipping Container Temperature	2.1 Degree C					
8. Sample Condition	Intact					
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report					
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes					
11. Date Received at Lab	11/20/2025					
12. Time Received	17:20					
		EPA Sample #				
		1 M-311	N/A		Q3688-09	Intact
		2 M-32S	N/A		Q3688-10	Intact
		3 RBGW-20251120	N/A		Q3688-11	Intact
		4 M-30S	N/A		Q3688-12	Intact
		5 M-30I	N/A		Q3688-13	Intact
		6 TBGW-20251120	N/A		Q3688-14	Intact
		7 FDGW-20251120	N/A		Q3688-15	Intact
		8 N/A	N/A	N/A	N/A	N/A
		9 N/A	N/A	N/A	N/A	N/A
		10 N/A	N/A	N/A	N/A	N/A
		11 N/A	N/A	N/A	N/A	N/A
		12 N/A	N/A	N/A	N/A	N/A
		13 N/A	N/A	N/A	N/A	N/A
		14 N/A	N/A	N/A	N/A	N/A
		15 N/A	N/A	N/A	N/A	N/A
		16 N/A	N/A	N/A	N/A	N/A
		17 N/A	N/A	N/A	N/A	N/A
		18 N/A	N/A	N/A	N/A	N/A
		19 N/A	N/A	N/A	N/A	N/A
		20 N/A	N/A	N/A	N/A	N/A
		21 N/A	N/A	N/A	N/A	N/A
		22 N/A	N/A	N/A	N/A	N/A
		23 N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By <u>[Signature]</u>	Logbook No. N/A
Date <u>11/20/25</u>	Logbook Page No. N/A

FORM DC-1

SFAM01.1 (11/2020)

FORM DC-1
SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 3 of 6
Received By (Print Name) <i>Cassanova Rene</i>		Log-in Date 11/21/2025
Received By (Signature) <i>[Signature]</i>		
Case Number	Sharkey Landfill Site	SDG No. Q3688
		MA No. N/A

Remarks:	
1. Custody Seal (s)	Absent
2. Custody Seal Nos.	N/A
3. Traffic Reports/Chain Of Custody Records	Absent
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	Alliance pickup 3
6. Shipping Container Temperature Indicator Bottle	Present
7. Shipping Container Temperature	2.0 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	11/21/2025
12. Time Received	18:10

	EPA Sample #	Aqueous Water Sample pH	Corresponding		Remarks: Condition of Sample Shipment, etc.
			Sample Tag #	Assigned Lab #	
1	WS-14	N/A		Q3688-16	Intact
2	M-29	N/A		Q3688-17	Intact
3	RBGW-20251121	N/A		Q3688-18	Intact
4	M-28I	N/A		Q3688-19	Intact
5	WS-1	N/A		Q3688-20	Intact
6	TBGW-20251121	N/A		Q3688-21	Intact
7	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By <i>[Signature]</i>	Logbook No. N/A
Date 11/21/25	Logbook Page No. N/A

FORM DC-1

SFAM01.1 (11/2020)

FORM DC-1
SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page <u>4</u> of <u>4</u>
Received By (Print Name) <u>Cassiano Peria</u>		Log-In Date 11/24/2025
Received By (Signature) <u>[Signature]</u>		
Case Number	Sharkey Landfill Site	SDG No. Q3688
		MA No. N/A

Remarks:		Corresponding				Remarks: Condition of Sample Shipment, etc.	
		EPA Sample #	Aqueous Water Sample pH	Sample Tag #	Assigned Lab #		
1. Custody Seal (s)	Absent	1	RBGW-20251124	N/A		Q3688-22	Intact
2. Custody Seal Nos.	N/A	2	M-28S	N/A		Q3688-23	Intact
3. Traffic Reports/Chain Of Custody Records	Absent	3	TBGW-20251124	N/A		Q3688-24	Intact
4. Airbill	Present	4	N/A	N/A	N/A	N/A	N/A
5. Airbill No. and Shipping Container ID No.	Alliance pickup 4	5	N/A	N/A	N/A	N/A	N/A
6. Shipping Container Temperature Indicator Bottle	Present	6	N/A	N/A	N/A	N/A	N/A
7. Shipping Container Temperature	2.3 Degree C	7	N/A	N/A	N/A	N/A	N/A
8. Sample Condition	Intact	8	N/A	N/A	N/A	N/A	N/A
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report	9	N/A	N/A	N/A	N/A	N/A
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes	10	N/A	N/A	N/A	N/A	N/A
11. Date Received at Lab	11/24/2025	11	N/A	N/A	N/A	N/A	N/A
12. Time Received	13:00	12	N/A	N/A	N/A	N/A	N/A
		13	N/A	N/A	N/A	N/A	N/A
		14	N/A	N/A	N/A	N/A	N/A
		15	N/A	N/A	N/A	N/A	N/A
		16	N/A	N/A	N/A	N/A	N/A
		17	N/A	N/A	N/A	N/A	N/A
		18	N/A	N/A	N/A	N/A	N/A
		19	N/A	N/A	N/A	N/A	N/A
		20	N/A	N/A	N/A	N/A	N/A
		21	N/A	N/A	N/A	N/A	N/A
		22	N/A	N/A	N/A	N/A	N/A
		23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By <u>[Signature]</u>	Logbook No. N/A
Date <u>11/24/25</u>	Logbook Page No. N/A

FORM DC-1

SFAM01.1 (11/2020)