

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

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

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

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

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	

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	

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	

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	

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	

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	

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	

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	

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	

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	

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	

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	

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	

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	



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.

SLCS719

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 : PB170719BS
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	27	68	0-0
Bis(2-ethylhexyl)phtha	40	27	68	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

EPA SAMPLE NO.

SLCS741

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

FORM 4-OR
METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK717

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: PB170717BL
 Instrument ID: BNA_G Lab File ID : BG064857.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 : 12:28
 Heated Purge: (Y/N) Cleanup (Y/N): N Cleanup Types :

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
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

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

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SFAM01.1 (11/2020)

FORM 5-OR
GC/MS INSTRUMENT PERFORMANCE CHECK

EPA SAMPLE NO.

DFTPP460

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 : 11/24/2025

Contract : 68HERH20D0011
 MA No. : SDG No.: Q3688
 Lab File ID : BG064847.D
 BFB / DFTPP : DFTPP
 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
 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
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	

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	

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

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

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

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

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

FORM 7A-OR

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	<u>RRF</u>	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

FORM 7A-OR

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	<u>RRF</u>	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

FORM 7A-OR

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	$\overline{\text{RRF}}$	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

FORM 7A-OR

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

FORM 7A-OR

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	<u>RRF</u>	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

FORM 7A-OR

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	<u>RRF</u>	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