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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG No.: BN111524

Instrument ID: BNA_N Calibration Date/Time: 11/15/2024 1 09:49

Lab File ID: BN035097.D Init. Calib. Date(s):

EPA Sample No.: SSTD0.4337 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.417	0.445	0.010	6.6951	40.0
1,4-Dioxane-d8	0.381	0.382	0.010	0.3358	40.0
Naphthalene	1.001	1.059	0.600	5.8465	30.0
1-Methylnaphthalene	0.750	0.794	0.300	5.8121	30.0
2-Methylnaphthalene	0.747	0.785	0.300	5.1305	30.0
Acenaphthylene	1.634	1.649	0.900	0.8879	30.0
Acenaphthene	1.239	1.263	0.500	1.9654	30.0
Fluorene	1.576	1.610	0.700	2.1488	30.0
Pentachlorophenol	0.092	0.108	0.010	16.5119	50.0
Phenanthrene	1.069	1.086	0.300	1.6463	30.0
Anthracene	1.005	1.032	0.400	2.7224	30.0
Fluoranthene	1.337	1.545	0.400	15.6037	30.0
Pyrene	1.386	1.643	0.500	18.5194	30.0
Benzo(a)anthracene	1.449	1.489	0.400	2.7922	30.0
Chrysene	1.478	1.437	0.400	-2.7678	30.0
Benzo(b)fluoranthene	1.406	1.385	0.200	-1.5069	30.0
Benzo(k)fluoranthene	1.472	1.421	0.200	-3.4606	30.0
Benzo(a)pyrene	1.257	1.288	0.200	2.4923	30.0
Indeno(1,2,3-cd)pyrene	1.537	1.512	0.200	-1.6165	30.0
Dibenzo(a,h)anthracene	1.197	1.180	0.200	-1.4776	30.0
Benzo(g,h,i)perylene	1.174	1.205	0.200	2.649	30.0
Fluoranthene-d10	1.027	1.227	0.400	19.4251	30.0
2-Methylnaphthalene-d10	0.613	0.653	0.300	6.5701	30.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG No.: BN111524

Instrument ID: BNA_N Calibration Date/Time: 11/15/2024 1 20:35

Lab File ID: BN035114.D Init. Calib. Date(s):

EPA Sample No.: SSTD0.4338 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.417	0.426	0.010	2.1342	40.0
1,4-Dioxane-d8	0.381	0.398	0.010	4.5532	40.0
Naphthalene	1.001	1.052	0.600	5.1233	30.0
1-Methylnaphthalene	0.750	0.803	0.300	7.054	30.0
2-Methylnaphthalene	0.747	0.784	0.300	4.9286	30.0
Acenaphthylene	1.634	1.620	0.900	-0.8688	30.0
Acenaphthene	1.239	1.274	0.500	2.8512	30.0
Fluorene	1.576	1.587	0.700	0.6749	30.0
Pentachlorophenol	0.092	0.080	0.010	-13.2244	50.0
Phenanthrene	1.069	1.103	0.300	3.2257	30.0
Anthracene	1.005	1.010	0.400	0.5083	30.0
Fluoranthene	1.337	1.651	0.400	23.5451	30.0
Pyrene	1.386	1.688	0.500	21.8106	30.0
Benzo(a)anthracene	1.449	1.440	0.400	-0.5731	30.0
Chrysene	1.478	1.466	0.400	-0.8109	30.0
Benzo(b)fluoranthene	1.406	1.455	0.200	3.4657	30.0
Benzo(k)fluoranthene	1.472	1.531	0.200	4.0038	30.0
Benzo(a)pyrene	1.257	1.296	0.200	3.1269	30.0
Indeno(1,2,3-cd)pyrene	1.537	1.548	0.200	0.7128	30.0
Dibenzo(a,h)anthracene	1.197	1.207	0.200	0.8345	30.0
Benzo(g,h,i)perylene	1.174	1.208	0.200	2.8568	30.0
Fluoranthene-d10	1.027	1.294	0.400	25.9578	30.0
2-Methylnaphthalene-d10	0.613	0.649	0.300	5.9334	30.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG No.: BN111524

Instrument ID: BNA_N Calibration Date/Time: 11/16/2024 1 08:02

Lab File ID: BN035132.D Init. Calib. Date(s):

EPA Sample No.: SSTD0.4339 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.417	0.422	0.010	1.2648	50.0
1,4-Dioxane-d8	0.381	0.379	0.010	-0.46	50.0
Naphthalene	1.001	1.051	0.600	4.9963	50.0
1-Methylnaphthalene	0.750	0.803	0.300	7.0886	50.0
2-Methylnaphthalene	0.747	0.782	0.300	4.7055	50.0
Acenaphthylene	1.634	1.639	0.900	0.3072	50.0
Acenaphthene	1.239	1.275	0.500	2.9397	50.0
Fluorene	1.576	1.567	0.700	-0.579	50.0
Pentachlorophenol	0.092	0.062	0.010	-33.0875	50.0
Phenanthrene	1.069	1.099	0.300	2.798	50.0
Anthracene	1.005	1.011	0.400	0.6615	50.0
Fluoranthene	1.337	1.677	0.400	25.4618	50.0
Pyrene	1.386	1.704	0.500	22.964	50.0
Benzo(a)anthracene	1.449	1.446	0.400	-0.2041	50.0
Chrysene	1.478	1.449	0.400	-1.9377	50.0
Benzo(b)fluoranthene	1.406	1.433	0.200	1.8967	50.0
Benzo(k)fluoranthene	1.472	1.471	0.200	-0.0464	50.0
Benzo(a)pyrene	1.257	1.296	0.200	3.1005	50.0
Indeno(1,2,3-cd)pyrene	1.537	1.586	0.200	3.2177	50.0
Dibenzo(a,h)anthracene	1.197	1.239	0.200	3.443	50.0
Benzo(g,h,i)perylene	1.174	1.241	0.200	5.7371	50.0
Fluoranthene-d10	1.027	1.318	0.400	28.3123	50.0
2-Methylnaphthalene-d10	0.613	0.654	0.300	6.8382	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	11/9/2024 12:00:00 AM
Project:				Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	SBLK837			SDG No.:	BN111524
Lab Sample ID:	PB164837BL			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035098.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.07		15-120		76	SPK: -8
93951-69-0	Fluoranthene-d10	0.469		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.394		30-130		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3250	7.55				
1146-65-2	Naphthalene-d8	8875	10.311				
15067-26-2	Acenaphthene-d10	7230	14.189				

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Report of Analysis

Client:				Date Collected:	11/9/2024 12:00:00 AM
Project:				Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	SBLK837			SDG No.:	BN111524
Lab Sample ID:	PB164837BL			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035098.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17659	16.937				
1719-03-5	Chrysene-d12	14040	21.137				
1520-96-3	Perylene-d12	11487	23.3				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/9/2024 12:00:00 AM
Project:				Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	SBLK839			SDG No.:	BN111524
Lab Sample ID:	PB164839BL			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035099.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.122		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.467		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.389		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3772	7.549				
1146-65-2	Naphthalene-d8	10425	10.311				
15067-26-2	Acenaphthene-d10	8449	14.189				

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Report of Analysis

Client:				Date Collected:	11/9/2024 12:00:00 AM
Project:				Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	SBLK839			SDG No.:	BN111524
Lab Sample ID:	PB164839BL			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035099.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20209	16.937				
1719-03-5	Chrysene-d12	15858	21.137				
1520-96-3	Perylene-d12	13240	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AK8			SDG No.:	BN111524
Lab Sample ID:	P4715-02			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035100.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.49		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.486		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.328		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3404	7.549				
1146-65-2	Naphthalene-d8	9302	10.311				
15067-26-2	Acenaphthene-d10	7617	14.189				

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AK8			SDG No.:	BN111524
Lab Sample ID:	P4715-02			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035100.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18110	16.937				
1719-03-5	Chrysene-d12	13318	21.137				
1520-96-3	Perylene-d12	10463	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/8/2024 12:00:00 AM
Project:				Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AQ2			SDG No.:	BN111524
Lab Sample ID:	P4803-07			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035101.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164981

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	2.5	E	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	14	E	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	13	E	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	2.2	E	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	4.4	E	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	4.4	E	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	4.3	E	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	4.3	E	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	1.9	E	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	1.2		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	4.6	E	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	E	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	1.8	E	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.9	E	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.6	E	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.583		15-120		73	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.491		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.397		30-130		99	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2602	7.55				
1146-65-2	Naphthalene-d8	6677	10.311				
15067-26-2	Acenaphthene-d10	5291	14.189				

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Report of Analysis

Client:				Date Collected:	11/8/2024 12:00:00 AM
Project:				Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AQ2			SDG No.:	BN111524
Lab Sample ID:	P4803-07			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035101.D	1	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164981

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12329	16.937				
1719-03-5	Chrysene-d12	10005	21.137				
1520-96-3	Perylene-d12	9261	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/8/2024 12:00:00 AM
Project:				Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AQ2DL			SDG No.:	BN111524
Lab Sample ID:	P4803-07DL			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035102.D	10	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164981

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0	2	ug/L
91-20-3	Naphthalene	2.5	D	0.11	0.5	1	ug/L
90-12-0	1-Methylnaphthalene	0.24	U	0.24	0.5	1	ug/L
91-57-6	2-Methylnaphthalene	0.11	U	0.11	0.5	1	ug/L
208-96-8	Acenaphthylene	13	D	0.14	0.5	1	ug/L
83-32-9	Acenaphthene	13	D	0.13	0.5	1	ug/L
86-73-7	Fluorene	2.3	D	0.22	0.5	1	ug/L
87-86-5	Pentachlorophenol	0.41	U	0.41	1	2	ug/L
85-01-8	Phenanthrene	4.3	D	0.14	0.5	1	ug/L
120-12-7	Anthracene	4.2	D	0.11	0.5	1	ug/L
206-44-0	Fluoranthene	4	D	0.22	0.5	1	ug/L
129-00-0	Pyrene	4	D	0.16	0.5	1	ug/L
56-55-3	Benzo(a)anthracene	1.9	D	0.15	0.5	1	ug/L
218-01-9	Chrysene	1.4	D	0.14	0.5	1	ug/L
205-99-2	Benzo(b)fluoranthene	4.6	D	0.04	0.5	1	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	D	0.19	0.5	1	ug/L
50-32-8	Benzo(a)pyrene	1.9	D	0.12	0.5	1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	D	0.23	0.5	1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.7	D	0.26	0.5	1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.5	D	0.25	0.5	1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.67		15-120		84	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.49		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.4		30-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2459	7.55				
1146-65-2	Naphthalene-d8	6048	10.311				
15067-26-2	Acenaphthene-d10	4943	14.189				

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Report of Analysis

Client:				Date Collected:	11/8/2024 12:00:00 AM
Project:				Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AQ2DL			SDG No.:	BN111524
Lab Sample ID:	P4803-07DL			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035102.D	10	11/14/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164981

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12582	16.937				
1719-03-5	Chrysene-d12	11574	21.134				
1520-96-3	Perylene-d12	11049	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.31	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	C0AL7			SDG No.:	BN111524
Lab Sample ID:	P4715-07			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035103.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.06	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.45		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.495		30-130		124	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.366		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2714	7.55				
1146-65-2	Naphthalene-d8	6963	10.311				
15067-26-2	Acenaphthene-d10	5198	14.189				

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	C0AL7			SDG No.:	BN111524
Lab Sample ID:	P4715-07			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035103.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10932	16.937				
1719-03-5	Chrysene-d12	8609	21.134				
1520-96-3	Perylene-d12	8426	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	C0AM0			SDG No.:	BN111524
Lab Sample ID:	P4715-09			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035104.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	7.6	E	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.151		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.525	*	30-130		131	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.356		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3294	7.55				
1146-65-2	Naphthalene-d8	8984	10.311				
15067-26-2	Acenaphthene-d10	7062	14.189				

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	C0AM0			SDG No.:	BN111524
Lab Sample ID:	P4715-09			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035104.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15789	16.937				
1719-03-5	Chrysene-d12	10890	21.137				
1520-96-3	Perylene-d12	9857	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	C0AM2			SDG No.:	BN111524
Lab Sample ID:	P4715-10			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035105.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.189		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.522	*	30-130		131	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.382		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2749	7.549				
1146-65-2	Naphthalene-d8	7564	10.311				
15067-26-2	Acenaphthene-d10	6338	14.189				

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	C0AM2			SDG No.:	BN111524
Lab Sample ID:	P4715-10			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035105.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15291	16.937				
1719-03-5	Chrysene-d12	12219	21.136				
1520-96-3	Perylene-d12	9952	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	C0AM4			SDG No.:	BN111524
Lab Sample ID:	P4715-11			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035106.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.771		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.518		30-130		129	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.357		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2650	7.549				
1146-65-2	Naphthalene-d8	7274	10.311				
15067-26-2	Acenaphthene-d10	6086	14.189				

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	C0AM4			SDG No.:	BN111524
Lab Sample ID:	P4715-11			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035106.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15209	16.937				
1719-03-5	Chrysene-d12	12894	21.136				
1520-96-3	Perylene-d12	10688	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AK2			SDG No.:	BN111524
Lab Sample ID:	P4715-12			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035107.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.252		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.519		30-130		130	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.373		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2862	7.55				
1146-65-2	Naphthalene-d8	7910	10.312				
15067-26-2	Acenaphthene-d10	6631	14.185				

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AK2			SDG No.:	BN111524
Lab Sample ID:	P4715-12			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035107.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15906	16.937				
1719-03-5	Chrysene-d12	12620	21.137				
1520-96-3	Perylene-d12	10382	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AK6			SDG No.:	BN111524
Lab Sample ID:	P4715-13			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035108.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.05	J	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.22		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.477		30-130		119	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.361		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2755	7.55				
1146-65-2	Naphthalene-d8	7133	10.311				
15067-26-2	Acenaphthene-d10	5285	14.189				

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AK6			SDG No.:	BN111524
Lab Sample ID:	P4715-13			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035108.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10990	16.937				
1719-03-5	Chrysene-d12	8848	21.137				
1520-96-3	Perylene-d12	8560	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AL1			SDG No.:	BN111524
Lab Sample ID:	P4715-14			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035109.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.798		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.483		30-130		121	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.346		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2660	7.549				
1146-65-2	Naphthalene-d8	7294	10.311				
15067-26-2	Acenaphthene-d10	6066	14.185				

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AL1			SDG No.:	BN111524
Lab Sample ID:	P4715-14			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035109.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14716	16.937				
1719-03-5	Chrysene-d12	11378	21.136				
1520-96-3	Perylene-d12	9073	23.302				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AK0			SDG No.:	BN111524
Lab Sample ID:	P4715-05			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035110.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.07		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.53	*	30-130		132	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.339		30-130		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3313	7.549				
1146-65-2	Naphthalene-d8	9020	10.311				
15067-26-2	Acenaphthene-d10	7229	14.185				

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AK0			SDG No.:	BN111524
Lab Sample ID:	P4715-05			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035110.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15847	16.937				
1719-03-5	Chrysene-d12	10982	21.134				
1520-96-3	Perylene-d12	9637	23.296				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/7/2024 12:00:00 AM
Project:				Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	A0AP0			SDG No.:	BN111524
Lab Sample ID:	P4761-21			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035111.D	1	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.05	J	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.52		15-120		69	SPK: -8
93951-69-0	Fluoranthene-d10	0.428		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.272		30-130		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2578	7.55				
1146-65-2	Naphthalene-d8	7364	10.311				
15067-26-2	Acenaphthene-d10	6009	14.185				

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Report of Analysis

Client:				Date Collected:	11/7/2024 12:00:00 AM
Project:				Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	A0AP0			SDG No.:	BN111524
Lab Sample ID:	P4761-21			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035111.D	1	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13575	16.937				
1719-03-5	Chrysene-d12	9096	21.134				
1520-96-3	Perylene-d12	7854	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/9/2024 12:00:00 AM
Project:				Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	SLCS837			SDG No.:	BN111524
Lab Sample ID:	PB164837BS			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035112.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.45		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.52		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.45		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.42		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.43		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.42		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.9		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.44		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.43		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.51		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.51		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.44		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.43		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.46		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.46		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.43		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.83		15-120		104	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.583	*	30-130		146	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.514		30-130		128	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2684	7.55				
1146-65-2	Naphthalene-d8	7030	10.311				
15067-26-2	Acenaphthene-d10	5657	14.185				

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Report of Analysis

Client:				Date Collected:	11/9/2024 12:00:00 AM
Project:				Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	SLCS837			SDG No.:	BN111524
Lab Sample ID:	PB164837BS			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035112.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14042	16.937				
1719-03-5	Chrysene-d12	11950	21.137				
1520-96-3	Perylene-d12	10179	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/9/2024 12:00:00 AM
Project:				Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	SLCS839			SDG No.:	BN111524
Lab Sample ID:	PB164839BS			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035113.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.42		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.49		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.42		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.39		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.4		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.39		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.78		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.41		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.4		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.48		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.48		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.4		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.4		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.4		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.4		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.773		15-120		97	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.55	*	30-130		138	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.472		30-130		118	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2963	7.55				
1146-65-2	Naphthalene-d8	7595	10.311				
15067-26-2	Acenaphthene-d10	6103	14.185				

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Report of Analysis

Client:				Date Collected:	11/9/2024 12:00:00 AM
Project:				Date Received:	11/9/2024 12:00:00 AM
Client Sample ID:	SLCS839			SDG No.:	BN111524
Lab Sample ID:	PB164839BS			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035113.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14932	16.937				
1719-03-5	Chrysene-d12	12108	21.137				
1520-96-3	Perylene-d12	10240	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/10/2024 12:00:00 AM
Project:				Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	SBLK841			SDG No.:	BN111524
Lab Sample ID:	PB164841BL			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035115.D	1	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.335		15-120		79	SPK: -8
93951-69-0	Fluoranthene-d10	0.528	*	30-130		132	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.403		30-130		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2891	7.55				
1146-65-2	Naphthalene-d8	7872	10.312				
15067-26-2	Acenaphthene-d10	6471	14.185				

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Report of Analysis

Client:				Date Collected:	11/10/2024 12:00:00 AM
Project:				Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	SBLK841			SDG No.:	BN111524
Lab Sample ID:	PB164841BL			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035115.D	1	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15034	16.937				
1719-03-5	Chrysene-d12	10172	21.134				
1520-96-3	Perylene-d12	8405	23.296				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/10/2024 12:00:00 AM
Project:				Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	SBLK843			SDG No.:	BN111524
Lab Sample ID:	PB164843BL			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035116.D	1	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.32		15-120		79	SPK: -8
93951-69-0	Fluoranthene-d10	0.507		30-130		127	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.403		30-130		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2964	7.549				
1146-65-2	Naphthalene-d8	8054	10.311				
15067-26-2	Acenaphthene-d10	6629	14.185				

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Report of Analysis

Client:				Date Collected:	11/10/2024 12:00:00 AM
Project:				Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	SBLK843			SDG No.:	BN111524
Lab Sample ID:	PB164843BL			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035116.D	1	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15634	16.937				
1719-03-5	Chrysene-d12	11179	21.134				
1520-96-3	Perylene-d12	9159	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	C0AL5			SDG No.:	BN111524
Lab Sample ID:	P4715-06			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035117.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.734		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.511		30-130		128	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.289		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3045	7.55				
1146-65-2	Naphthalene-d8	8196	10.311				
15067-26-2	Acenaphthene-d10	6687	14.185				

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	C0AL5			SDG No.:	BN111524
Lab Sample ID:	P4715-06			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035117.D	1	11/9/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15320	16.937				
1719-03-5	Chrysene-d12	10483	21.134				
1520-96-3	Perylene-d12	8720	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/6/2024 12:00:00 AM
Project:				Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	A0AM6			SDG No.:	BN111524
Lab Sample ID:	P4761-07			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035118.D	1	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.349		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.56	*	30-130		140	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.434		30-130		108	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2738	7.55				
1146-65-2	Naphthalene-d8	7629	10.311				
15067-26-2	Acenaphthene-d10	6500	14.185				

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Report of Analysis

Client:				Date Collected:	11/6/2024 12:00:00 AM
Project:				Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	A0AM6			SDG No.:	BN111524
Lab Sample ID:	P4761-07			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035118.D	1	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15055	16.937				
1719-03-5	Chrysene-d12	11830	21.134				
1520-96-3	Perylene-d12	8896	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/6/2024 12:00:00 AM
Project:				Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	A0AN0			SDG No.:	BN111524
Lab Sample ID:	P4761-09			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035119.D	1	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.76		0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.26		0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.18		0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	1.3		0.01	0.05	0.1	ug/L
86-73-7	Fluorene	1.5		0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	J	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	7.4	E	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	1.6	E	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	3	E	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	1.9	E	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.14		0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.12		0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.444		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.458		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.403		30-130		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2506	7.55				
1146-65-2	Naphthalene-d8	6502	10.311				
15067-26-2	Acenaphthene-d10	5173	14.185				

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Report of Analysis

Client:				Date Collected:	11/6/2024 12:00:00 AM
Project:				Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	A0AN0			SDG No.:	BN111524
Lab Sample ID:	P4761-09			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035119.D	1	11/10/2024 12:00:00 AM	11/15/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12024	16.937				
1719-03-5	Chrysene-d12	11783	21.134				
1520-96-3	Perylene-d12	12450	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/7/2024 12:00:00 AM
Project:				Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	A0AK5			SDG No.:	BN111524
Lab Sample ID:	P4761-14			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035120.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.991		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.504		30-130		126	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.338		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2997	7.549				
1146-65-2	Naphthalene-d8	8451	10.311				
15067-26-2	Acenaphthene-d10	7018	14.185				

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Report of Analysis

Client:				Date Collected:	11/7/2024 12:00:00 AM
Project:				Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	A0AK5			SDG No.:	BN111524
Lab Sample ID:	P4761-14			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035120.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15897	16.937				
1719-03-5	Chrysene-d12	10530	21.134				
1520-96-3	Perylene-d12	8822	23.296				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/7/2024 12:00:00 AM
Project:				Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	A0AK8			SDG No.:	BN111524
Lab Sample ID:	P4761-15			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035121.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.05	J	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.02	J	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.07	J	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.04	J	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.124		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.434		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.343		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3463	7.549				
1146-65-2	Naphthalene-d8	9116	10.311				
15067-26-2	Acenaphthene-d10	6333	14.185				

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Report of Analysis

Client:				Date Collected:	11/7/2024 12:00:00 AM
Project:				Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	A0AK8			SDG No.:	BN111524
Lab Sample ID:	P4761-15			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035121.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12549	16.937				
1719-03-5	Chrysene-d12	10810	21.134				
1520-96-3	Perylene-d12	11424	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/6/2024 12:00:00 AM
Project:				Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	A0AM8			SDG No.:	BN111524
Lab Sample ID:	P4761-08			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035122.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.02	J	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.208		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.459		30-130		115	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.38		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2430	7.549				
1146-65-2	Naphthalene-d8	6313	10.311				
15067-26-2	Acenaphthene-d10	4623	14.185				

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Report of Analysis

Client:				Date Collected:	11/6/2024 12:00:00 AM
Project:				Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	A0AM8			SDG No.:	BN111524
Lab Sample ID:	P4761-08			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035122.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9719	16.937				
1719-03-5	Chrysene-d12	8619	21.134				
1520-96-3	Perylene-d12	8654	23.296				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AL3			SDG No.:	BN111524
Lab Sample ID:	P4715-15			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035123.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.036		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.383		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.263		30-130		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2914	7.55				
1146-65-2	Naphthalene-d8	7851	10.312				
15067-26-2	Acenaphthene-d10	6251	14.185				

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Report of Analysis

Client:				Date Collected:	11/4/2024 12:00:00 AM
Project:				Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AL3			SDG No.:	BN111524
Lab Sample ID:	P4715-15			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035123.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13250	16.937				
1719-03-5	Chrysene-d12	9341	21.134				
1520-96-3	Perylene-d12	9026	23.297				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	A0AL2			SDG No.:	BN111524
Lab Sample ID:	P4761-02			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035124.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.07	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.36		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.05	J	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.02	J	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.59		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.4		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.82		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.16		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.2		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.13		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.899		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.359		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.299		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3019	7.549				
1146-65-2	Naphthalene-d8	7833	10.311				
15067-26-2	Acenaphthene-d10	5743	14.185				

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	A0AL2			SDG No.:	BN111524
Lab Sample ID:	P4761-02			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035124.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11634	16.937				
1719-03-5	Chrysene-d12	10518	21.134				
1520-96-3	Perylene-d12	11429	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	A0AL4			SDG No.:	BN111524
Lab Sample ID:	P4761-03			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035125.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.02	J	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.12		0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.04	J	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.85		0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.42		0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.32		0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.12		0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.074		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.373		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.311		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3047	7.549				
1146-65-2	Naphthalene-d8	7777	10.311				
15067-26-2	Acenaphthene-d10	5875	14.184				

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	A0AL4			SDG No.:	BN111524
Lab Sample ID:	P4761-03			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035125.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11921	16.936				
1719-03-5	Chrysene-d12	11184	21.133				
1520-96-3	Perylene-d12	11969	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	A0AL7			SDG No.:	BN111524
Lab Sample ID:	P4761-05			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035126.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.06	J	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.36		0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.04	J	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.64		0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.43		0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.79		0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.17		0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.25		0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.15		0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.236		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.434		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.289		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3406	7.549				
1146-65-2	Naphthalene-d8	9503	10.311				
15067-26-2	Acenaphthene-d10	7124	14.185				

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	A0AL7			SDG No.:	BN111524
Lab Sample ID:	P4761-05			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035126.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13563	16.937				
1719-03-5	Chrysene-d12	9998	21.134				
1520-96-3	Perylene-d12	10561	23.296				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	A0AL0			SDG No.:	BN111524
Lab Sample ID:	P4761-01			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035127.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.221		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.536	*	30-130		134	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.366		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2919	7.55				
1146-65-2	Naphthalene-d8	8380	10.311				
15067-26-2	Acenaphthene-d10	7113	14.185				

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	A0AL0			SDG No.:	BN111524
Lab Sample ID:	P4761-01			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035127.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16078	16.937				
1719-03-5	Chrysene-d12	11506	21.134				
1520-96-3	Perylene-d12	9485	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/7/2024 12:00:00 AM
Project:				Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	A0AN8			SDG No.:	BN111524
Lab Sample ID:	P4761-20			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035128.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.71		0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.3		0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.21		0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.03	J	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.2		0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.14		0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.13		0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.06	J	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.1		0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.07	J	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.16		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.39		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.297		30-130		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3518	7.545				
1146-65-2	Naphthalene-d8	10080	10.312				
15067-26-2	Acenaphthene-d10	7992	14.185				

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Report of Analysis

Client:				Date Collected:	11/7/2024 12:00:00 AM
Project:				Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	A0AN8			SDG No.:	BN111524
Lab Sample ID:	P4761-20			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035128.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15451	16.937				
1719-03-5	Chrysene-d12	10662	21.134				
1520-96-3	Perylene-d12	12715	23.296				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	C0AM2RE			SDG No.:	BN111524
Lab Sample ID:	P4715-10RE			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035129.D	1	11/9/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.762		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.527	*	30-130		132	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.362		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2974	7.545				
1146-65-2	Naphthalene-d8	8568	10.312				
15067-26-2	Acenaphthene-d10	7211	14.185				

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Report of Analysis

Client:				Date Collected:	11/5/2024 12:00:00 AM
Project:				Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	C0AM2RE			SDG No.:	BN111524
Lab Sample ID:	P4715-10RE			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035129.D	1	11/9/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16606	16.937				
1719-03-5	Chrysene-d12	11847	21.134				
1520-96-3	Perylene-d12	9582	23.296				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/10/2024 12:00:00 AM
Project:				Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	SLCS841			SDG No.:	BN111524
Lab Sample ID:	PB164841BS			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035130.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.44		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.51		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.44		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.42		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.42		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.41		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.67		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.43		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.42		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.54		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.53		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.42		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.44		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.45		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.45		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.46		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.788		15-120		98	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.614	*	30-130		154	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.505		30-130		126	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2893	7.55				
1146-65-2	Naphthalene-d8	7664	10.311				
15067-26-2	Acenaphthene-d10	6245	14.185				

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Report of Analysis

Client:				Date Collected:	11/10/2024 12:00:00 AM
Project:				Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	SLCS841			SDG No.:	BN111524
Lab Sample ID:	PB164841BS			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035130.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15044	16.937				
1719-03-5	Chrysene-d12	11212	21.134				
1520-96-3	Perylene-d12	9956	23.296				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	11/10/2024 12:00:00 AM
Project:				Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	SLCS843			SDG No.:	BN111524
Lab Sample ID:	PB164843BS			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035131.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.45		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.52		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.45		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.43		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.43		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.42		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.65		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.44		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.43		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.56		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.55		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.44		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.43		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.44		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.44		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.46		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.47		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.48		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.808		15-120		101	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.636	*	30-130		159	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.513		30-130		128	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3105	7.55				
1146-65-2	Naphthalene-d8	8156	10.311				
15067-26-2	Acenaphthene-d10	6514	14.185				

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Report of Analysis

Client:				Date Collected:	11/10/2024 12:00:00 AM
Project:				Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	SLCS843			SDG No.:	BN111524
Lab Sample ID:	PB164843BS			Matrix:	Water
Analytical Method:	SFAM_SVOASIM			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035131.D	1	11/10/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15210	16.933				
1719-03-5	Chrysene-d12	10789	21.131				
1520-96-3	Perylene-d12	10079	23.293				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN111524

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : C0AK8									
P4715-02	C0AK8	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID : C0AK0									
P4715-05	C0AK0	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID : C0AL5									
P4715-06	C0AL5	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID : C0AL7									
P4715-07	C0AL7	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :				**0.00**		
P4715-07	C0AL7	Water	Naphthalene		0.060	J	0.011	0.1	ug/L
			Total Svoc :				**0.06**		
			Total Concentration:				**0.06**		
Client ID : C0AM0									
P4715-09	C0AM0	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
			Total Tics :				**0.00**		
P4715-09	C0AM0	Water	Pentachlorophenol		7.600	E	0.04	0.2	ug/L
			Total Svoc :				**7.60**		
			Total Concentration:				**7.60**		
Client ID : C0AM2									
P4715-10	C0AM2	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID : C0AM2RE									
P4715-10RE	C0AM2RE	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID : C0AM4									
P4715-11	C0AM4	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
			Total Tics :				**0.00**		

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Hit Summary Sheet
SW-846

SDG No.: BN111524

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:				**0.00**		
Client ID :	**C0AK2**								
P4715-12	C0AK2	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**C0AK6**								
P4715-13	C0AK6	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
			Total Tics :				**0.00**		
P4715-13	C0AK6	Water	Naphthalene		0.050	J	0.01	0.1	ug/L
			Total Svoc :				**0.05**		
			Total Concentration:				**0.05**		
Client ID :	**C0AL1**								
P4715-14	C0AL1	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**C0AL3**								
P4715-15	C0AL3	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**A0AL0**								
P4761-01	A0AL0	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**A0AL2**								
P4761-02	A0AL2	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :				**0.00**		
P4761-02	A0AL2	Water	1-Methylnaphthalene		0.360		0.024	0.1	ug/L
P4761-02	A0AL2	Water	2-Methylnaphthalene		0.050	J	0.011	0.1	ug/L
P4761-02	A0AL2	Water	Acenaphthene		0.590		0.013	0.1	ug/L
P4761-02	A0AL2	Water	Acenaphthylene		0.020	J	0.014	0.1	ug/L
P4761-02	A0AL2	Water	Anthracene		0.160		0.011	0.1	ug/L
P4761-02	A0AL2	Water	Fluoranthene		0.200		0.022	0.1	ug/L
P4761-02	A0AL2	Water	Fluorene		0.400		0.022	0.1	ug/L
P4761-02	A0AL2	Water	Naphthalene		0.070	J	0.011	0.1	ug/L
P4761-02	A0AL2	Water	Phenanthrene		0.820		0.014	0.1	ug/L
P4761-02	A0AL2	Water	Pyrene		0.130		0.016	0.1	ug/L
			Total Svoc :				**2.80**		
			Total Concentration:				**2.80**		

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Hit Summary Sheet
SW-846

SDG No.: BN111524

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : A0AL4									
P4761-03	A0AL4	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
			Total Tics :		**0.00**				
P4761-03	A0AL4	Water	1-Methylnaphthalene		0.120		0.02	0.1	ug/L
P4761-03	A0AL4	Water	Acenaphthene		0.850		0.01	0.1	ug/L
P4761-03	A0AL4	Water	Acenaphthylene		0.040	J	0.01	0.1	ug/L
P4761-03	A0AL4	Water	Anthracene		0.120		0.01	0.1	ug/L
P4761-03	A0AL4	Water	Fluorene		0.420		0.02	0.1	ug/L
P4761-03	A0AL4	Water	Naphthalene		0.020	J	0.01	0.1	ug/L
P4761-03	A0AL4	Water	Phenanthrene		0.320		0.01	0.1	ug/L
			Total Svoc :		**1.89**				
			Total Concentration:		**1.89**				
Client ID : A0AL7									
P4761-05	A0AL7	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
			Total Tics :		**0.00**				
P4761-05	A0AL7	Water	1-Methylnaphthalene		0.360		0.02	0.1	ug/L
P4761-05	A0AL7	Water	2-Methylnaphthalene		0.040	J	0.01	0.1	ug/L
P4761-05	A0AL7	Water	Acenaphthene		0.640		0.01	0.1	ug/L
P4761-05	A0AL7	Water	Anthracene		0.170		0.01	0.1	ug/L
P4761-05	A0AL7	Water	Fluoranthene		0.250		0.02	0.1	ug/L
P4761-05	A0AL7	Water	Fluorene		0.430		0.02	0.1	ug/L
P4761-05	A0AL7	Water	Naphthalene		0.060	J	0.01	0.1	ug/L
P4761-05	A0AL7	Water	Phenanthrene		0.790		0.01	0.1	ug/L
P4761-05	A0AL7	Water	Pyrene		0.150		0.02	0.1	ug/L
			Total Svoc :		**2.89**				
			Total Concentration:		**2.89**				
Client ID : A0AM6									
P4761-07	A0AM6	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID : A0AM8									
P4761-08	A0AM8	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :		**0.00**				
P4761-08	A0AM8	Water	Acenaphthene		0.020	J	0.013	0.1	ug/L
			Total Svoc :		**0.02**				
			Total Concentration:		**0.02**				
Client ID : A0AN0									
P4761-09	A0AN0	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
			Total Tics :		**0.00**				

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Hit Summary Sheet
SW-846

SDG No.: BN111524

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4761-09	A0AN0	Water	1-Methylnaphthalene		0.260		0.02	0.1	ug/L
P4761-09	A0AN0	Water	2-Methylnaphthalene		0.180		0.01	0.1	ug/L
P4761-09	A0AN0	Water	Acenaphthene		1.300		0.01	0.1	ug/L
P4761-09	A0AN0	Water	Anthracene		1.600	E	0.01	0.1	ug/L
P4761-09	A0AN0	Water	Benzo(a)anthracene		0.140		0.02	0.1	ug/L
P4761-09	A0AN0	Water	Chrysene		0.120		0.01	0.1	ug/L
P4761-09	A0AN0	Water	Fluoranthene		3.000	E	0.02	0.1	ug/L
P4761-09	A0AN0	Water	Fluorene		1.500		0.02	0.1	ug/L
P4761-09	A0AN0	Water	Naphthalene		0.760		0.01	0.1	ug/L
P4761-09	A0AN0	Water	Pentachlorophenol		0.040	J	0.04	0.2	ug/L
P4761-09	A0AN0	Water	Phenanthrene		7.400	E	0.01	0.1	ug/L
P4761-09	A0AN0	Water	Pyrene		1.900	E	0.02	0.1	ug/L
			Total Svoc :				**18.20**		
			Total Concentration:				**18.20**		
Client ID :	**A0AK5**								
P4761-14	A0AK5	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**A0AK8**								
P4761-15	A0AK8	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
			Total Tics :				**0.00**		
P4761-15	A0AK8	Water	Anthracene		0.070	J	0.01	0.1	ug/L
P4761-15	A0AK8	Water	Fluoranthene		0.040	J	0.02	0.1	ug/L
P4761-15	A0AK8	Water	Fluorene		0.050	J	0.02	0.1	ug/L
P4761-15	A0AK8	Water	Phenanthrene		0.020	J	0.01	0.1	ug/L
			Total Svoc :				**0.18**		
			Total Concentration:				**0.18**		
Client ID :	**A0AN8**								
P4761-20	A0AN8	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
			Total Tics :				**0.00**		
P4761-20	A0AN8	Water	1-Methylnaphthalene		0.300		0.02	0.1	ug/L
P4761-20	A0AN8	Water	2-Methylnaphthalene		0.210		0.01	0.1	ug/L
P4761-20	A0AN8	Water	Acenaphthene		0.200		0.01	0.1	ug/L
P4761-20	A0AN8	Water	Acenaphthylene		0.030	J	0.01	0.1	ug/L
P4761-20	A0AN8	Water	Anthracene		0.060	J	0.01	0.1	ug/L
P4761-20	A0AN8	Water	Fluoranthene		0.100		0.02	0.1	ug/L
P4761-20	A0AN8	Water	Fluorene		0.140		0.02	0.1	ug/L
P4761-20	A0AN8	Water	Naphthalene		0.710		0.01	0.1	ug/L
P4761-20	A0AN8	Water	Phenanthrene		0.130		0.01	0.1	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN111524

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4761-20	A0AN8	Water	Pyrene		0.070	J	0.02	0.1	ug/L
			Total Svoc :		**1.95**				
			Total Concentration:		**1.95**				
Client ID :	**A0AP0**								
P4761-21	A0AP0	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :		**0.00**				
P4761-21	A0AP0	Water	Fluorene		0.050	J	0.022	0.1	ug/L
			Total Svoc :		**0.05**				
			Total Concentration:		**0.05**				
Client ID :	**A0AQ2**								
P4803-07	A0AQ2	Water	Total Alkanes	*	0.000		0.031	0.2	ug/L
			Total Tics :		**0.00**				
P4803-07	A0AQ2	Water	Acenaphthene		13.000	E	0.013	0.1	ug/L
P4803-07	A0AQ2	Water	Acenaphthylene		14.000	E	0.014	0.1	ug/L
P4803-07	A0AQ2	Water	Anthracene		4.400	E	0.011	0.1	ug/L
P4803-07	A0AQ2	Water	Benzo(a)anthracene		1.900	E	0.015	0.1	ug/L
P4803-07	A0AQ2	Water	Benzo(a)pyrene		1.800	E	0.012	0.1	ug/L
P4803-07	A0AQ2	Water	Benzo(b)fluoranthene		4.600	E	0.004	0.1	ug/L
P4803-07	A0AQ2	Water	Benzo(g,h,i)perylene		1.600	E	0.025	0.1	ug/L
P4803-07	A0AQ2	Water	Benzo(k)fluoranthene		1.900	E	0.019	0.1	ug/L
P4803-07	A0AQ2	Water	Chrysene		1.200		0.014	0.1	ug/L
P4803-07	A0AQ2	Water	Dibenzo(a,h)anthracene		1.900	E	0.026	0.1	ug/L
P4803-07	A0AQ2	Water	Fluoranthene		4.300	E	0.022	0.1	ug/L
P4803-07	A0AQ2	Water	Fluorene		2.200	E	0.022	0.1	ug/L
P4803-07	A0AQ2	Water	Indeno(1,2,3-cd)pyrene		1.400		0.023	0.1	ug/L
P4803-07	A0AQ2	Water	Naphthalene		2.500	E	0.011	0.1	ug/L
P4803-07	A0AQ2	Water	Phenanthrene		4.400	E	0.014	0.1	ug/L
P4803-07	A0AQ2	Water	Pyrene		4.300	E	0.016	0.1	ug/L
			Total Svoc :		**65.40**				
			Total Concentration:		**65.40**				
Client ID :	**A0AQ2DL**								
P4803-07DL	A0AQ2DL	Water	Total Alkanes	*	0.000	D	0.31	2	ug/L
			Total Tics :		**0.00**				
P4803-07DL	A0AQ2DL	Water	Acenaphthene		13.000	D	0.13	1	ug/L
P4803-07DL	A0AQ2DL	Water	Acenaphthylene		13.000	D	0.14	1	ug/L
P4803-07DL	A0AQ2DL	Water	Anthracene		4.200	D	0.11	1	ug/L
P4803-07DL	A0AQ2DL	Water	Benzo(a)anthracene		1.900	D	0.15	1	ug/L
P4803-07DL	A0AQ2DL	Water	Benzo(a)pyrene		1.900	D	0.12	1	ug/L
P4803-07DL	A0AQ2DL	Water	Benzo(b)fluoranthene		4.600	D	0.04	1	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN111524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4803-07DL	A0AQ2DL	Water	Benzo(g,h,i)perylene	1.500	D	0.25	1	ug/L
P4803-07DL	A0AQ2DL	Water	Benzo(k)fluoranthene	2.100	D	0.19	1	ug/L
P4803-07DL	A0AQ2DL	Water	Chrysene	1.400	D	0.14	1	ug/L
P4803-07DL	A0AQ2DL	Water	Dibenzo(a,h)anthracene	1.700	D	0.26	1	ug/L
P4803-07DL	A0AQ2DL	Water	Fluoranthene	4.000	D	0.22	1	ug/L
P4803-07DL	A0AQ2DL	Water	Fluorene	2.300	D	0.22	1	ug/L
P4803-07DL	A0AQ2DL	Water	Indeno(1,2,3-cd)pyrene	1.300	D	0.23	1	ug/L
P4803-07DL	A0AQ2DL	Water	Naphthalene	2.500	D	0.11	1	ug/L
P4803-07DL	A0AQ2DL	Water	Phenanthrene	4.300	D	0.14	1	ug/L
P4803-07DL	A0AQ2DL	Water	Pyrene	4.000	D	0.16	1	ug/L
			Total Svoc :	**63.70**				
			Total Concentration:	**63.70**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN110924 SAS No.: BN110924 SDG No.: BN110924

Instrument ID: Calibration Date(s): 11/8/2024

Calibration Time(s): 20:40

LAB FILE ID: RRFAL1 = BN034913.D RRFAL2 = BN034914.D RRFAL3 = BN034915.D
RRFAL4 = BN034916.D RRFAL5 = BN034917.D RRFAL6 = BN034918.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.457	0.419	0.417	0.402	0.391	0.417	6.0
1,4-Dioxane-d8		0.409	0.392	0.379	0.366	0.357	0.381	5.4
Naphthalene	1.040	1.009	0.997	0.991	0.969		1.001	2.6
1-Methylnaphthalene	0.774	0.754	0.736	0.745	0.743		0.750	1.9
2-Methylnaphthalene	0.780	0.744	0.735	0.740	0.737		0.747	2.5
Acenaphthylene	1.720	1.661	1.617	1.604	1.569		1.634	3.6
Acenaphthene	1.287	1.262	1.223	1.226	1.196		1.239	2.9
Fluorene	1.626	1.599	1.562	1.556	1.537		1.576	2.3
Pentachlorophenol		0.077	0.084	0.093	0.101	0.108	0.092	13.3
Phenanthrene	1.104	1.075	1.058	1.058	1.050		1.069	2.0
Anthracene	1.026	1.005	0.985	1.000	1.005		1.005	1.5
Fluoranthene	1.384	1.363	1.329	1.322	1.286		1.337	2.8
Pyrene	1.453	1.424	1.368	1.360	1.324		1.386	3.8
Benzo(a)anthracene	1.506	1.474	1.423	1.426	1.414		1.449	2.7
Chrysene	1.527	1.524	1.479	1.447	1.413		1.478	3.3
Benzo(b)fluoranthene	1.436	1.408	1.405	1.400	1.383		1.406	1.4
Benzo(k)fluoranthene	1.516	1.495	1.456	1.462	1.431		1.472	2.3
Benzo(a)pyrene	1.290	1.271	1.251	1.242	1.229		1.257	1.9
Indeno(1,2,3-cd)pyrene	1.553	1.542	1.525	1.527	1.538		1.537	0.7
Dibenzo(a,h)anthracene	1.208	1.185	1.189	1.198	1.206		1.197	0.8
Benzo(g,h,i)perylene	1.180	1.183	1.174	1.166	1.167		1.174	0.7
Fluoranthene-d10	1.085	1.042	1.030	1.005	0.974		1.027	4.0
2-Methylnaphthalene-d10	0.626	0.613	0.611	0.608	0.606		0.613	1.3

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

EPA Sample No.: SSTD0.4218 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BN034915.D Time Analyzed: 10:25

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

		IS1 (DCB) AREA #		RT #	IS2 (NPT) AREA #		RT #	IS3 (ANT) AREA #		RT #
	12 HOUR STD	1555		7.575	3806		10.34	2878		14.21
	UPPER LIMIT	3110		8.075	7612		10.839	5756		14.708
	LOWER LIMIT	777.5		7.075	1903		9.839	1439		13.708
	EPA SAMPLE NO.									
01	SBLK837	3250	*	7.55	8875	*	10.31	7230	*	14.19
02	SBLK839	3772	*	7.55	10425	*	10.31	8449	*	14.19
03	C0AK8	3404	*	7.55	9302	*	10.31	7617	*	14.19
04	A0AQ2	2602		7.55	6677		10.31	5291		14.19
05	A0AQ2DL	2459		7.55	6048		10.31	4943		14.19
06	C0AL7	2714		7.55	6963		10.31	5198		14.19
07	C0AM0	3294	*	7.55	8984	*	10.31	7062	*	14.19
08	C0AM2	2749		7.55	7564		10.31	6338	*	14.19
09	C0AM4	2650		7.55	7274		10.31	6086	*	14.19
10	C0AK2	2862		7.55	7910	*	10.31	6631	*	14.19
11	C0AK6	2755		7.55	7133		10.31	5285		14.19
12	C0AL1	2660		7.55	7294		10.31	6066	*	14.19
13	C0AK0	3313	*	7.55	9020	*	10.31	7229	*	14.19
14	A0AP0	2578		7.55	7364		10.31	6009	*	14.19
15	SLCS837	2684		7.55	7030		10.31	5657		14.19
16	SLCS839	2963		7.55	7595		10.31	6103	*	14.19
17	SBLK841	2891		7.55	7872	*	10.31	6471	*	14.19
18	SBLK843	2964		7.55	8054	*	10.31	6629	*	14.19
19	C0AL5	3045		7.55	8196	*	10.31	6687	*	14.19
20	A0AM6	2738		7.55	7629	*	10.31	6500	*	14.19
21	A0AN0	2506		7.55	6502		10.31	5173		14.19
22	A0AK5	2997		7.55	8451	*	10.31	7018	*	14.19
23	A0AK8	3463	*	7.55	9116	*	10.31	6333	*	14.19

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

EPA Sample No.: SSTD0.4218 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BN034915.D Time Analyzed: 01:25

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

		IS1 (DCB) AREA #		RT #	IS2 (NPT) AREA #		RT #	IS3 (ANT) AREA #		RT #
	12 HOUR STD	1555		7.575	3806		10.34	2878		14.21
	UPPER LIMIT	3110		8.075	7612		10.839	5756		14.708
	LOWER LIMIT	777.5		7.075	1903		9.839	1439		13.708
	EPA SAMPLE NO.									
24	A0AM8	2430		7.55	6313		10.31	4623		14.19
25	C0AL3	2914		7.55	7851	*	10.31	6251	*	14.19
26	A0AL2	3019		7.55	7833	*	10.31	5743		14.19
27	A0AL4	3047		7.55	7777	*	10.31	5875	*	14.18
28	A0AL7	3406	*	7.55	9503	*	10.31	7124	*	14.19
29	A0AL0	2919		7.55	8380	*	10.31	7113	*	14.19
30	A0AN8	3518	*	7.55	10080	*	10.31	7992	*	14.19
31	C0AM2RE	2974		7.55	8568	*	10.31	7211	*	14.19
32	SLCS841	2893		7.55	7664	*	10.31	6245	*	14.19
33	SLCS843	3105		7.55	8156	*	10.31	6514	*	14.19

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

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

EPA Sample No.: SSTD0.4337 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BN035097.D Time Analyzed: 10:25

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2739	7.549	6726	10.31	5146	14.19
	UPPER LIMIT	5478	8.049	13452	10.811	10292	14.689
	LOWER LIMIT	1369.5	7.049	3363	9.811	2573	13.689
	EPA SAMPLE NO.						
01	SBLK837	3250	7.55	8875	10.31	7230	14.19
02	SBLK839	3772	7.55	10425	10.31	8449	14.19
03	C0AK8	3404	7.55	9302	10.31	7617	14.19
04	A0AQ2	2602	7.55	6677	10.31	5291	14.19
05	A0AQ2DL	2459	7.55	6048	10.31	4943	14.19
06	C0AL7	2714	7.55	6963	10.31	5198	14.19
07	C0AM0	3294	7.55	8984	10.31	7062	14.19
08	C0AM2	2749	7.55	7564	10.31	6338	14.19
09	C0AM4	2650	7.55	7274	10.31	6086	14.19
10	C0AK2	2862	7.55	7910	10.31	6631	14.19
11	C0AK6	2755	7.55	7133	10.31	5285	14.19
12	C0AL1	2660	7.55	7294	10.31	6066	14.19
13	C0AK0	3313	7.55	9020	10.31	7229	14.19
14	A0AP0	2578	7.55	7364	10.31	6009	14.19
15	SLCS837	2684	7.55	7030	10.31	5657	14.19
16	SLCS839	2963	7.55	7595	10.31	6103	14.19

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

EPA Sample No.: SSTD0.4337 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BN035097.D Time Analyzed: 19:24

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2739	7.549	6726	10.31	5146	14.19
UPPER LIMIT	5478	8.049	13452	10.811	10292	14.689
LOWER LIMIT	1369.5	7.049	3363	9.811	2573	13.689
EPA SAMPLE NO.						

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

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

EPA Sample No.: SSTD0.4338 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BN035114.D Time Analyzed: 21:12

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2528	7.549	6318	10.31	5002	14.18
	UPPER LIMIT	5056	8.049	12636	10.811	10004	14.684
	LOWER LIMIT	1264	7.049	3159	9.811	2501	13.684
	EPA SAMPLE NO.						
01	SBLK841	2891	7.55	7872	10.31	6471	14.19
02	SBLK843	2964	7.55	8054	10.31	6629	14.19
03	C0AL5	3045	7.55	8196	10.31	6687	14.19
04	A0AM6	2738	7.55	7629	10.31	6500	14.19
05	A0AN0	2506	7.55	6502	10.31	5173	14.19
06	A0AK5	2997	7.55	8451	10.31	7018	14.19
07	A0AK8	3463	7.55	9116	10.31	6333	14.19
08	A0AM8	2430	7.55	6313	10.31	4623	14.19
09	C0AL3	2914	7.55	7851	10.31	6251	14.19
10	A0AL2	3019	7.55	7833	10.31	5743	14.19
11	A0AL4	3047	7.55	7777	10.31	5875	14.18
12	A0AL7	3406	7.55	9503	10.31	7124	14.19
13	A0AL0	2919	7.55	8380	10.31	7113	14.19
14	A0AN8	3518	7.55	10080	10.31	7992	14.19
15	C0AM2RE	2974	7.55	8568	10.31	7211	14.19
16	SLCS841	2893	7.55	7664	10.31	6245	14.19
17	SLCS843	3105	7.55	8156	10.31	6514	14.19

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

EPA Sample No.: SSTD0.4338 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BN035114.D Time Analyzed: 06:50

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2528	7.549	6318	10.31	5002	14.18
UPPER LIMIT	5056	8.049	12636	10.811	10004	14.684
LOWER LIMIT	1264	7.049	3159	9.811	2501	13.684
EPA SAMPLE NO.						

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

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

EPA Sample No.: SSTD0.4218 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BN034915.D Time Analyzed: 10:25

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

		IS4 (PHN) AREA #		RT #	IS5 (CRY) AREA #		RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	7501		16.954	7914		21.148	8238	23.311
	UPPER LIMIT	15002		17.454	15828		21.648	16476	23.811
	LOWER LIMIT	3750.5		16.454	3957		20.648	4119	22.811
	EPA SAMPLE NO.								
01	SBLK837	17659	*	16.94	14040		21.14	11487	23.30
02	SBLK839	20209	*	16.94	15858	*	21.14	13240	23.30
03	C0AK8	18110	*	16.94	13318		21.14	10463	23.30
04	A0AQ2	12329		16.94	10005		21.14	9261	23.30
05	A0AQ2DL	12582		16.94	11574		21.13	11049	23.30
06	C0AL7	10932		16.94	8609		21.13	8426	23.30
07	C0AM0	15789	*	16.94	10890		21.14	9857	23.31
08	C0AM2	15291	*	16.94	12219		21.14	9952	23.30
09	C0AM4	15209	*	16.94	12894		21.14	10688	23.30
10	C0AK2	15906	*	16.94	12620		21.14	10382	23.30
11	C0AK6	10990		16.94	8848		21.14	8560	23.30
12	C0AL1	14716		16.94	11378		21.14	9073	23.30
13	C0AK0	15847	*	16.94	10982		21.13	9637	23.30
14	A0AP0	13575		16.94	9096		21.13	7854	23.30
15	SLCS837	14042		16.94	11950		21.14	10179	23.30
16	SLCS839	14932		16.94	12108		21.14	10240	23.30
17	SBLK841	15034	*	16.94	10172		21.13	8405	23.30
18	SBLK843	15634	*	16.94	11179		21.13	9159	23.30
19	C0AL5	15320	*	16.94	10483		21.13	8720	23.30
20	A0AM6	15055	*	16.94	11830		21.13	8896	23.30
21	A0AN0	12024		16.94	11783		21.13	12450	23.30

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

EPA Sample No.: SSTD0.4218 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BN034915.D Time Analyzed: 00:12

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

		IS4 (PHN) AREA #		RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	7501		16.954	7914	21.148	8238	23.311
	UPPER LIMIT	15002		17.454	15828	21.648	16476	23.811
	LOWER LIMIT	3750.5		16.454	3957	20.648	4119	22.811
	EPA SAMPLE NO.							
22	A0AK5	15897	*	16.94	10530	21.13	8822	23.30
23	A0AK8	12549		16.94	10810	21.13	11424	23.30
24	A0AM8	9719		16.94	8619	21.13	8654	23.30
25	C0AL3	13250		16.94	9341	21.13	9026	23.30
26	A0AL2	11634		16.94	10518	21.13	11429	23.30
27	A0AL4	11921		16.94	11184	21.13	11969	23.30
28	A0AL7	13563		16.94	9998	21.13	10561	23.30
29	A0AL0	16078	*	16.94	11506	21.13	9485	23.30
30	A0AN8	15451	*	16.94	10662	21.13	12715	23.30
31	C0AM2RE	16606	*	16.94	11847	21.13	9582	23.30
32	SLCS841	15044	*	16.94	11212	21.13	9956	23.30
33	SLCS843	15210	*	16.93	10789	21.13	10079	23.29

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

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

EPA Sample No.: SSTD0.4337 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BN035097.D Time Analyzed: 10:25

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	12956	16.937	11545	21.136	11303	23.299
	UPPER LIMIT	25912	17.437	23090	21.636	22606	23.799
	LOWER LIMIT	6478	16.437	5772.5	20.636	5651.5	22.799
	EPA SAMPLE NO.						
01	SBLK837	17659	16.94	14040	21.14	11487	23.30
02	SBLK839	20209	16.94	15858	21.14	13240	23.30
03	C0AK8	18110	16.94	13318	21.14	10463	23.30
04	A0AQ2	12329	16.94	10005	21.14	9261	23.30
05	A0AQ2DL	12582	16.94	11574	21.13	11049	23.30
06	C0AL7	10932	16.94	8609	21.13	8426	23.30
07	C0AM0	15789	16.94	10890	21.14	9857	23.31
08	C0AM2	15291	16.94	12219	21.14	9952	23.30
09	C0AM4	15209	16.94	12894	21.14	10688	23.30
10	C0AK2	15906	16.94	12620	21.14	10382	23.30
11	C0AK6	10990	16.94	8848	21.14	8560	23.30
12	C0AL1	14716	16.94	11378	21.14	9073	23.30
13	C0AK0	15847	16.94	10982	21.13	9637	23.30
14	A0AP0	13575	16.94	9096	21.13	7854	23.30
15	SLCS837	14042	16.94	11950	21.14	10179	23.30
16	SLCS839	14932	16.94	12108	21.14	10240	23.30

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

EPA Sample No.: SSTD0.4337 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BN035097.D Time Analyzed: 19:24

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	12956	16.937	11545	21.136	11303	23.299
UPPER LIMIT	25912	17.437	23090	21.636	22606	23.799
LOWER LIMIT	6478	16.437	5772.5	20.636	5651.5	22.799
EPA SAMPLE NO.						

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

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

EPA Sample No.: SSTD0.4338 Date Analyzed: Nov 15 2024 12:00AM

Lab File ID: BN035114.D Time Analyzed: 21:12

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	12349	16.936	9837	21.133	8433	23.296
	UPPER LIMIT	24698	17.436	19674	21.633	16866	23.796
	LOWER LIMIT	6174.5	16.436	4918.5	20.633	4216.5	22.796
	EPA SAMPLE NO.						
01	SBLK841	15034	16.94	10172	21.13	8405	23.30
02	SBLK843	15634	16.94	11179	21.13	9159	23.30
03	C0AL5	15320	16.94	10483	21.13	8720	23.30
04	A0AM6	15055	16.94	11830	21.13	8896	23.30
05	A0AN0	12024	16.94	11783	21.13	12450	23.30
06	A0AK5	15897	16.94	10530	21.13	8822	23.30
07	A0AK8	12549	16.94	10810	21.13	11424	23.30
08	A0AM8	9719	16.94	8619	21.13	8654	23.30
09	C0AL3	13250	16.94	9341	21.13	9026	23.30
10	A0AL2	11634	16.94	10518	21.13	11429	23.30
11	A0AL4	11921	16.94	11184	21.13	11969	23.30
12	A0AL7	13563	16.94	9998	21.13	10561	23.30
13	A0AL0	16078	16.94	11506	21.13	9485	23.30
14	A0AN8	15451	16.94	10662	21.13	12715	23.30
15	C0AM2RE	16606	16.94	11847	21.13	9582	23.30
16	SLCS841	15044	16.94	11212	21.13	9956	23.30
17	SLCS843	15210	16.93	10789	21.13	10079	23.29

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

EPA Sample No.: SSTD0.4338 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BN035114.D Time Analyzed: 06:50

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	12349	16.936	9837	21.133	8433	23.296
UPPER LIMIT	24698	17.436	19674	21.633	16866	23.796
LOWER LIMIT	6174.5	16.436	4918.5	20.633	4216.5	22.796
EPA SAMPLE NO.						

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

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN111524

Client:

Analytical Method: SFAM_SVOASIM **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164837BS	1,4-Dioxane	2	2	ug/L	100				0	0	
	Naphthalene	0.4	0.45	ug/L	113				0	0	
	1-Methylnaphthalene	0.4	0.52	ug/L	130				0	0	
	2-Methylnaphthalene	0.4	0.45	ug/L	113				0	0	
	Acenaphthylene	0.4	0.42	ug/L	105				0	0	
	Acenaphthene	0.4	0.43	ug/L	108				0	0	
	Fluorene	0.4	0.42	ug/L	105				0	0	
	Pentachlorophenol	0.8	0.9	ug/L	113				0	0	
	Phenanthrene	0.4	0.44	ug/L	110				0	0	
	Anthracene	0.4	0.43	ug/L	108				0	0	
	Fluoranthene	0.4	0.51	ug/L	128				0	0	
	Pyrene	0.4	0.51	ug/L	128				0	0	
	Benzo(a)anthracene	0.4	0.44	ug/L	110				0	0	
	Chrysene	0.4	0.43	ug/L	108				0	0	
	Benzo(b)fluoranthene	0.4	0.46	ug/L	115				0	0	
	Benzo(k)fluoranthene	0.4	0.46	ug/L	115				0	0	
	Benzo(a)pyrene	0.4	0.45	ug/L	113				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.42	ug/L	105				0	0	
	Dibenzo(a,h)anthracene	0.4	0.42	ug/L	105				0	0	
	Benzo(g,h,i)perylene	0.4	0.43	ug/L	108				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN111524

Client:

Analytical Method: SFAM_SVOASIM **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164839BS	1,4-Dioxane	2	1.9	ug/L	95				0	0	
	Naphthalene	0.4	0.42	ug/L	105				0	0	
	1-Methylnaphthalene	0.4	0.49	ug/L	123				0	0	
	2-Methylnaphthalene	0.4	0.42	ug/L	105				0	0	
	Acenaphthylene	0.4	0.39	ug/L	98				0	0	
	Acenaphthene	0.4	0.4	ug/L	100				0	0	
	Fluorene	0.4	0.39	ug/L	98				0	0	
	Pentachlorophenol	0.8	0.78	ug/L	98				0	0	
	Phenanthrene	0.4	0.41	ug/L	103				0	0	
	Anthracene	0.4	0.4	ug/L	100				0	0	
	Fluoranthene	0.4	0.48	ug/L	120				0	0	
	Pyrene	0.4	0.48	ug/L	120				0	0	
	Benzo(a)anthracene	0.4	0.4	ug/L	100				0	0	
	Chrysene	0.4	0.4	ug/L	100				0	0	
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108				0	0	
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105				0	0	
	Benzo(a)pyrene	0.4	0.42	ug/L	105				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.4	ug/L	100				0	0	
	Dibenzo(a,h)anthracene	0.4	0.4	ug/L	100				0	0	
	Benzo(g,h,i)perylene	0.4	0.41	ug/L	103				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN111524

Client:

Analytical Method: SFAM_SVOASIM **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164841BS	1,4-Dioxane	2	2	ug/L	100				0	0	
	Naphthalene	0.4	0.44	ug/L	110				0	0	
	1-Methylnaphthalene	0.4	0.51	ug/L	128				0	0	
	2-Methylnaphthalene	0.4	0.44	ug/L	110				0	0	
	Acenaphthylene	0.4	0.42	ug/L	105				0	0	
	Acenaphthene	0.4	0.42	ug/L	105				0	0	
	Fluorene	0.4	0.41	ug/L	103				0	0	
	Pentachlorophenol	0.8	0.67	ug/L	84				0	0	
	Phenanthrene	0.4	0.43	ug/L	108				0	0	
	Anthracene	0.4	0.42	ug/L	105				0	0	
	Fluoranthene	0.4	0.54	ug/L	135				0	0	
	Pyrene	0.4	0.53	ug/L	133				0	0	
	Benzo(a)anthracene	0.4	0.43	ug/L	108				0	0	
	Chrysene	0.4	0.42	ug/L	105				0	0	
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108				0	0	
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				0	0	
	Benzo(a)pyrene	0.4	0.44	ug/L	110				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.45	ug/L	113				0	0	
	Dibenzo(a,h)anthracene	0.4	0.45	ug/L	113				0	0	
	Benzo(g,h,i)perylene	0.4	0.46	ug/L	115				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN111524

Client:

Analytical Method: SFAM_SVOASIM **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164843BS	1,4-Dioxane	2	2	ug/L	100				0	0	
	Naphthalene	0.4	0.45	ug/L	113				0	0	
	1-Methylnaphthalene	0.4	0.52	ug/L	130				0	0	
	2-Methylnaphthalene	0.4	0.45	ug/L	113				0	0	
	Acenaphthylene	0.4	0.43	ug/L	108				0	0	
	Acenaphthene	0.4	0.43	ug/L	108				0	0	
	Fluorene	0.4	0.42	ug/L	105				0	0	
	Pentachlorophenol	0.8	0.65	ug/L	81				0	0	
	Phenanthrene	0.4	0.44	ug/L	110				0	0	
	Anthracene	0.4	0.43	ug/L	108				0	0	
	Fluoranthene	0.4	0.56	ug/L	140				0	0	
	Pyrene	0.4	0.55	ug/L	138				0	0	
	Benzo(a)anthracene	0.4	0.44	ug/L	110				0	0	
	Chrysene	0.4	0.43	ug/L	108				0	0	
	Benzo(b)fluoranthene	0.4	0.44	ug/L	110				0	0	
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				0	0	
	Benzo(a)pyrene	0.4	0.44	ug/L	110				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.46	ug/L	115				0	0	
	Dibenzo(a,h)anthracene	0.4	0.47	ug/L	117				0	0	
	Benzo(g,h,i)perylene	0.4	0.48	ug/L	120				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK837

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

Lab File ID: BN035098.D Lab Sample ID: PB164837BL

Instrument ID: BNA_N Date Extracted: 11/09/2024

Matrix: (soil/water) Water Date Analyzed: 11/15/2024

Level: (low/med) LOW Time Analyzed: 10:25

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AK8	P4715-02	BN035100.D	11/15/2024
C0AL7	P4715-07	BN035103.D	11/15/2024
C0AM0	P4715-09	BN035104.D	11/15/2024
PB164837BS	PB164837BS	BN035112.D	11/15/2024
C0AL5	P4715-06	BN035117.D	11/15/2024
C0AK0	P4715-05	BN035110.D	11/15/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK839

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

Lab File ID: BN035099.D Lab Sample ID: PB164839BL

Instrument ID: BNA_N Date Extracted: 11/09/2024

Matrix: (soil/water) Water Date Analyzed: 11/15/2024

Level: (low/med) LOW Time Analyzed: 11:01

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AM2	P4715-10	BN035105.D	11/15/2024
C0AM4	P4715-11	BN035106.D	11/15/2024
C0AK2	P4715-12	BN035107.D	11/15/2024
C0AK6	P4715-13	BN035108.D	11/15/2024
C0AL1	P4715-14	BN035109.D	11/15/2024
PB164839BS	PB164839BS	BN035113.D	11/15/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK841

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

Lab File ID: BN035115.D Lab Sample ID: PB164841BL

Instrument ID: BNA_N Date Extracted: 11/10/2024

Matrix: (soil/water) Water Date Analyzed: 11/15/2024

Level: (low/med) LOW Time Analyzed: 21:12

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164841BS	PB164841BS	BN035130.D	11/16/2024
C0AL3	P4715-15	BN035123.D	11/16/2024
A0AL2	P4761-02	BN035124.D	11/16/2024
A0AL4	P4761-03	BN035125.D	11/16/2024
A0AL7	P4761-05	BN035126.D	11/16/2024
A0AL0	P4761-01	BN035127.D	11/16/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK843

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

Lab File ID: BN035116.D Lab Sample ID: PB164843BL

Instrument ID: BNA_N Date Extracted: 11/10/2024

Matrix: (soil/water) Water Date Analyzed: 11/15/2024

Level: (low/med) LOW Time Analyzed: 21:48

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A0AM6	P4761-07	BN035118.D	11/15/2024
A0AN0	P4761-09	BN035119.D	11/15/2024
A0AK5	P4761-14	BN035120.D	11/16/2024
A0AK8	P4761-15	BN035121.D	11/16/2024
A0AM8	P4761-08	BN035122.D	11/16/2024
PB164843BS	PB164843BS	BN035131.D	11/16/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A0AP0

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

Lab File ID: BN035111.D Lab Sample ID: P4761-21

Instrument ID: BNA_N Date Extracted: 11/10/2024

Matrix: (soil/water) Water Date Analyzed: 11/15/2024

Level: (low/med) LOW Time Analyzed: 18:12

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A0AP0	P4761-21	BN035111.D	11/15/2024
A0AN8	P4761-20	BN035128.D	11/16/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A0AQ2

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN111524 SAS No.: BN111524 SDG NO.: BN111524

Lab File ID: BN035101.D Lab Sample ID: P4803-07

Instrument ID: BNA_N Date Extracted: 11/14/2024

Matrix: (soil/water) Water Date Analyzed: 11/15/2024

Level: (low/med) LOW Time Analyzed: 12:13

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A0AQ2	P4803-07	BN035101.D	11/15/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BN111524

Client:

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4715-02	C0AK8	BN035100.D	1,4-Dioxane-d8	8	4.49	56		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P4715-05	C0AK0	BN035110.D	1,4-Dioxane-d8	8	5.07	63		15	120
			Fluoranthene-d10	0.4	0.53	132	*	30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130
P4715-06	C0AL5	BN035117.D	1,4-Dioxane-d8	8	4.73	59		15	120
			Fluoranthene-d10	0.4	0.51	128		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
P4715-07	C0AL7	BN035103.D	1,4-Dioxane-d8	8	5.45	68		15	120
			Fluoranthene-d10	0.4	0.50	124		30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130
P4715-09	C0AM0	BN035104.D	1,4-Dioxane-d8	8	5.15	64		15	120
			Fluoranthene-d10	0.4	0.53	131	*	30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130
PB164837BL	PB164837BL	BN035098.D	1,4-Dioxane-d8	8	6.07	76		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.39	98		30	130
PB164837BS	PB164837BS	BN035112.D	1,4-Dioxane-d8	0.8	0.83	104		15	120
			Fluoranthene-d10	0.4	0.58	146	*	30	130
			2-Methylnaphthalene-d10	0.4	0.51	128		30	130

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Surrogate Summary

SW-846

SDG No.: BN111524

Client:

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4715-10	C0AM2	BN035105.D	1,4-Dioxane-d8	8	5.19	65		15	120
			Fluoranthene-d10	0.4	0.52	131	*	30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130
P4715-10RE	C0AM2RE	BN035129.D	1,4-Dioxane-d8	8	4.76	60		15	120
			Fluoranthene-d10	0.4	0.53	132	*	30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P4715-11	C0AM4	BN035106.D	1,4-Dioxane-d8	8	4.77	60		15	120
			Fluoranthene-d10	0.4	0.52	129		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130
P4715-12	C0AK2	BN035107.D	1,4-Dioxane-d8	8	5.25	66		15	120
			Fluoranthene-d10	0.4	0.52	130		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
P4715-13	C0AK6	BN035108.D	1,4-Dioxane-d8	8	5.22	65		15	120
			Fluoranthene-d10	0.4	0.48	119		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P4715-14	C0AL1	BN035109.D	1,4-Dioxane-d8	8	4.80	60		15	120
			Fluoranthene-d10	0.4	0.48	121		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
PB164839BL	PB164839BL	BN035099.D	1,4-Dioxane-d8	8	6.12	77		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
PB164839BS	PB164839BS	BN035113.D	1,4-Dioxane-d8	0.8	0.77	97		15	120
			Fluoranthene-d10	0.4	0.55	138	*	30	130
			2-Methylnaphthalene-d10	0.4	0.47	118		30	130

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Surrogate Summary

SW-846

SDG No.: BN111524

Client:

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4715-15	C0AL3	BN035123.D	1,4-Dioxane-d8	8	5.04	63		15	120
			Fluoranthene-d10	0.4	0.38	96		30	130
			2-Methylnaphthalene-d10	0.4	0.26	66		30	130
P4761-01	A0AL0	BN035127.D	1,4-Dioxane-d8	8	5.22	65		15	120
			Fluoranthene-d10	0.4	0.54	134	*	30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130
P4761-02	A0AL2	BN035124.D	1,4-Dioxane-d8	8	4.90	61		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
P4761-03	A0AL4	BN035125.D	1,4-Dioxane-d8	8	5.07	63		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
P4761-05	A0AL7	BN035126.D	1,4-Dioxane-d8	8	4.24	53		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
PB164841BL	PB164841BL	BN035115.D	1,4-Dioxane-d8	8	6.34	79		15	120
			Fluoranthene-d10	0.4	0.53	132	*	30	130
			2-Methylnaphthalene-d10	0.4	0.40	101		30	130
PB164841BS	PB164841BS	BN035130.D	1,4-Dioxane-d8	0.8	0.79	98		15	120
			Fluoranthene-d10	0.4	0.61	154	*	30	130
			2-Methylnaphthalene-d10	0.4	0.51	126		30	130

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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BN111524

Client:

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4761-07	A0AM6	BN035118.D	1,4-Dioxane-d8	8	5.35	67		15	120
			Fluoranthene-d10	0.4	0.56	140	*	30	130
			2-Methylnaphthalene-d10	0.4	0.43	108		30	130
P4761-08	A0AM8	BN035122.D	1,4-Dioxane-d8	8	5.21	65		15	120
			Fluoranthene-d10	0.4	0.46	115		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130
P4761-09	A0AN0	BN035119.D	1,4-Dioxane-d8	8	5.44	68		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.40	101		30	130
P4761-14	A0AK5	BN035120.D	1,4-Dioxane-d8	8	4.99	62		15	120
			Fluoranthene-d10	0.4	0.50	126		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
P4761-15	A0AK8	BN035121.D	1,4-Dioxane-d8	8	5.12	64		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
PB164843BL	PB164843BL	BN035116.D	1,4-Dioxane-d8	8	6.32	79		15	120
			Fluoranthene-d10	0.4	0.51	127		30	130
			2-Methylnaphthalene-d10	0.4	0.40	101		30	130
PB164843BS	PB164843BS	BN035131.D	1,4-Dioxane-d8	0.8	0.81	101		15	120
			Fluoranthene-d10	0.4	0.64	159	*	30	130
			2-Methylnaphthalene-d10	0.4	0.51	128		30	130

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Surrogate Summary

SW-846

SDG No.: BN111524

Client:

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4761-20	A0AN8	BN035128.D	1,4-Dioxane-d8	8	4.16	52		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		30	130
P4761-21	A0AP0	BN035111.D	1,4-Dioxane-d8	8	5.52	69		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		30	130

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Surrogate Summary

SW-846

SDG No.: BN111524

Client:

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4803-07	A0AQ2	BN035101.D	1,4-Dioxane-d8	0.8	0.58	73		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.40	99		30	130
P4803-07DL	A0AQ2DL	BN035102.D	1,4-Dioxane-d8	0.8	0.67	84		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		30	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN111524

Lab Code: CHEM SAS No.: BN111524 SDG NO.: BN111524

Lab File ID: BN035096.D DFTPP Injection Date: 11/15/2024

Instrument ID: BNA_N DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.1
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	37.6
197	Less than 2.0% of mass 198	0.4
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	29.5
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	10.4
442	Greater than 50% of mass 198	65.8
443	15.0 - 24.0% of mass 442	12.3 (18.6) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4337	SSTDCCC0.4	BN035097.D	11/15/2024	09:49
SBLK837	PB164837BL	BN035098.D	11/15/2024	10:25
SBLK839	PB164839BL	BN035099.D	11/15/2024	11:01
C0AK8	P4715-02	BN035100.D	11/15/2024	11:37
A0AQ2	P4803-07	BN035101.D	11/15/2024	12:13
A0AQ2DL	P4803-07DL	BN035102.D	11/15/2024	12:48
C0AL7	P4715-07	BN035103.D	11/15/2024	13:24
C0AM0	P4715-09	BN035104.D	11/15/2024	14:00
C0AM2	P4715-10	BN035105.D	11/15/2024	14:36
C0AM4	P4715-11	BN035106.D	11/15/2024	15:12
C0AK2	P4715-12	BN035107.D	11/15/2024	15:48
C0AK6	P4715-13	BN035108.D	11/15/2024	16:24
C0AL1	P4715-14	BN035109.D	11/15/2024	17:00
C0AK0	P4715-05	BN035110.D	11/15/2024	17:36
A0AP0	P4761-21	BN035111.D	11/15/2024	18:12
SLCS837	PB164837BS	BN035112.D	11/15/2024	18:48
SLCS839	PB164839BS	BN035113.D	11/15/2024	19:24
SSTD0.4338	SSTDCCC0.4	BN035114.D	11/15/2024	20:35

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN111524

Lab Code: CHEM SAS No.: BN111524 SDG NO.: BN111524

Lab File ID: BN035096.D DFTPP Injection Date: 11/15/2024

Instrument ID: BNA_N DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.1
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	37.6
197	Less than 2.0% of mass 198	0.4
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	29.5
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	10.4
442	Greater than 50% of mass 198	65.8
443	15.0 - 24.0% of mass 442	12.3 (18.6) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SBLK841	PB164841BL	BN035115.D	11/15/2024	21:12
SBLK843	PB164843BL	BN035116.D	11/15/2024	21:48
C0AL5	P4715-06	BN035117.D	11/15/2024	22:24
A0AM6	P4761-07	BN035118.D	11/15/2024	23:00
A0AN0	P4761-09	BN035119.D	11/15/2024	23:36
A0AK5	P4761-14	BN035120.D	11/16/2024	00:12
A0AK8	P4761-15	BN035121.D	11/16/2024	00:49
A0AM8	P4761-08	BN035122.D	11/16/2024	01:25
C0AL3	P4715-15	BN035123.D	11/16/2024	02:01
A0AL2	P4761-02	BN035124.D	11/16/2024	02:37
A0AL4	P4761-03	BN035125.D	11/16/2024	03:13
A0AL7	P4761-05	BN035126.D	11/16/2024	03:50
A0AL0	P4761-01	BN035127.D	11/16/2024	04:26
A0AN8	P4761-20	BN035128.D	11/16/2024	05:02
C0AM2RE	P4715-10RE	BN035129.D	11/16/2024	05:38
SLCS841	PB164841BS	BN035130.D	11/16/2024	06:14
SLCS843	PB164843BS	BN035131.D	11/16/2024	06:50
SSTD0.4339	SSTDCCC0.4EC	BN035132.D	11/16/2024	08:02