

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG No.: BN071224
 Instrument ID: BNA_N Calibration Date/Time: 7/11/2024 1:15:18
 Lab File ID: BN032636.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD0.4254 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.547	0.629	0.010	14.9811	40.0
1,4-Dioxane-d8	0.480	0.532	0.010	10.6809	40.0
Naphthalene	1.074	1.053	0.600	-1.9572	30.0
1-Methylnaphthalene	0.693	0.694	0.300	0.0889	30.0
2-Methylnaphthalene	0.670	0.671	0.300	0.054	30.0
Acenaphthylene	1.616	1.588	0.900	-1.7424	30.0
Acenaphthene	1.336	1.320	0.500	-1.2044	30.0
Fluorene	1.528	1.515	0.700	-0.8283	30.0
Pentachlorophenol	0.070	0.060	0.010	-14.9229	50.0
Phenanthrene	1.089	1.063	0.300	-2.439	30.0
Anthracene	0.890	0.858	0.400	-3.6324	30.0
Fluoranthene	1.626	1.596	0.400	-1.8585	30.0
Pyrene	1.683	1.648	0.500	-2.1046	30.0
Benzo (a) anthracene	1.273	1.209	0.400	-5.0407	30.0
Chrysene	1.842	1.806	0.400	-1.9567	30.0
Benzo (b) fluoranthene	1.411	1.324	0.200	-6.2165	30.0
Benzo (k) fluoranthene	1.720	1.683	0.200	-2.1739	30.0
Benzo (a) pyrene	1.221	1.154	0.200	-5.4897	30.0
Indeno (1,2,3-cd) pyrene	1.654	1.540	0.200	-6.8544	30.0
Dibenzo (a,h) anthracene	1.282	1.181	0.200	-7.8989	30.0
Benzo (g,h,i) perylene	1.382	1.286	0.200	-6.9323	30.0
Fluoranthene-d10	1.304	1.279	0.400	-1.8996	30.0
2-Methylnaphthalene-d10	0.605	0.592	0.300	-2.1278	30.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG No.: BN071224
 Instrument ID: BNA_N Calibration Date/Time: 7/12/2024 1:02:46
 Lab File ID: BN032654.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD0.4255 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.547	0.513	0.010	-6.2929	40.0
1,4-Dioxane-d8	0.480	0.477	0.010	-0.7494	40.0
Naphthalene	1.074	1.063	0.600	-1.0752	30.0
1-Methylnaphthalene	0.693	0.670	0.300	-3.4133	30.0
2-Methylnaphthalene	0.670	0.633	0.300	-5.568	30.0
Acenaphthylene	1.616	1.856	0.900	14.8287	30.0
Acenaphthene	1.336	1.346	0.500	0.6955	30.0
Fluorene	1.528	1.384	0.700	-9.4005	30.0
Pentachlorophenol	0.070	0.077	0.010	9.1808	50.0
Phenanthrene	1.089	1.059	0.300	-2.7757	30.0
Anthracene	0.890	0.966	0.400	8.5738	30.0
Fluoranthene	1.626	1.506	0.400	-7.4202	30.0
Pyrene	1.683	1.563	0.500	-7.1294	30.0
Benzo (a) anthracene	1.273	1.393	0.400	9.3803	30.0
Chrysene	1.842	1.660	0.400	-9.8729	30.0
Benzo (b) fluoranthene	1.411	1.248	0.200	-11.5454	30.0
Benzo (k) fluoranthene	1.720	1.396	0.200	-18.8158	30.0
Benzo (a) pyrene	1.221	1.284	0.200	5.1365	30.0
Indeno (1,2,3-cd) pyrene	1.654	1.627	0.200	-1.6331	30.0
Dibenzo (a,h) anthracene	1.282	1.291	0.200	0.7404	30.0
Benzo (g,h,i) perylene	1.382	1.343	0.200	-2.8531	30.0
Fluoranthene-d10	1.304	1.198	0.400	-8.0756	30.0
2-Methylnaphthalene-d10	0.605	0.551	0.300	-8.9304	30.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG No.: BN071224

Instrument ID: BNA_N Calibration Date/Time: 7/12/2024 1:08:13

Lab File ID: BN032663.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4256 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.547	0.484	0.010	-11.5454	40.0
1,4-Dioxane-d8	0.480	0.452	0.010	-5.8502	40.0
Naphthalene	1.074	1.068	0.600	-0.5757	30.0
1-Methylnaphthalene	0.693	0.674	0.300	-2.863	30.0
2-Methylnaphthalene	0.670	0.638	0.300	-4.8895	30.0
Acenaphthylene	1.616	1.820	0.900	12.6133	30.0
Acenaphthene	1.336	1.344	0.500	0.5964	30.0
Fluorene	1.528	1.366	0.700	-10.6076	30.0
Pentachlorophenol	0.070	0.077	0.010	9.2162	50.0
Phenanthrene	1.089	1.050	0.300	-3.6305	30.0
Anthracene	0.890	0.952	0.400	6.9984	30.0
Fluoranthene	1.626	1.530	0.400	-5.9382	30.0
Pyrene	1.683	1.570	0.500	-6.7339	30.0
Benzo (a) anthracene	1.273	1.364	0.400	7.1598	30.0
Chrysene	1.842	1.686	0.400	-8.4645	30.0
Benzo (b) fluoranthene	1.411	1.246	0.200	-11.7491	30.0
Benzo (k) fluoranthene	1.720	1.449	0.200	-15.7356	30.0
Benzo (a) pyrene	1.221	1.297	0.200	6.1618	30.0
Indeno (1,2,3-cd) pyrene	1.654	1.641	0.200	-0.7632	30.0
Dibenzo (a,h) anthracene	1.282	1.305	0.200	1.7858	30.0
Benzo (g,h,i) perylene	1.382	1.360	0.200	-1.6134	30.0
Fluoranthene-d10	1.304	1.216	0.400	-6.7422	30.0
2-Methylnaphthalene-d10	0.605	0.555	0.300	-8.2112	30.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG No.: BN071224
Instrument ID: BNA_N Calibration Date/Time: 7/11/2024 12:53
Lab File ID: BN032632.D Init. Calib. Date(s): _____
EPA Sample No.: SICV243 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.547	0.542	0.010	-1.0133	40.0
1,4-Dioxane-d8	0.480	0.480	0.010	0.0082	40.0
Naphthalene	1.074	1.095	0.600	1.9589	30.0
1-Methylnaphthalene	0.693	0.651	0.300	-6.0885	30.0
2-Methylnaphthalene	0.670	0.708	0.300	5.5205	30.0
Acenaphthylene	1.616	1.690	0.900	4.5563	30.0
Acenaphthene	1.336	1.348	0.500	0.8666	30.0
Fluorene	1.528	1.547	0.700	1.2786	30.0
Pentachlorophenol	0.070	0.059	0.010	-16.3811	50.0
Phenanthrene	1.089	1.144	0.300	5.0513	30.0
Anthracene	0.890	0.991	0.400	11.2938	30.0
Fluoranthene	1.626	1.732	0.400	6.4699	30.0
Pyrene	1.683	1.832	0.500	8.805	30.0
Benzo (a) anthracene	1.273	1.203	0.400	-5.4907	30.0
Chrysene	1.842	1.854	0.400	0.6559	30.0
Benzo (b) fluoranthene	1.411	1.427	0.200	1.1433	30.0
Benzo (k) fluoranthene	1.720	1.625	0.200	-5.5132	30.0
Benzo (a) pyrene	1.221	1.351	0.200	10.5919	30.0
Indeno (1,2,3-cd) pyrene	1.654	1.640	0.200	-0.8388	30.0
Dibenzo (a,h) anthracene	1.282	1.273	0.200	-0.7212	30.0
Benzo (g,h,i) perylene	1.382	1.369	0.200	-0.9434	30.0
Fluoranthene-d10	1.304	1.350	0.400	3.5831	30.0
2-Methylnaphthalene-d10	0.605	0.583	0.300	-3.6284	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK826	SDG No.:	BN071224
Lab Sample ID:	PB161826BL	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
BN032633.D	1	6/27/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161826

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	4.837		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.274		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.228		30-130		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5168		7.561			
1146-65-2	Naphthalene-d8	17511		10.331			
15067-26-2	Acenaphthene-d10	11418		14.205			

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK826	SDG No.:	BN071224
Lab Sample ID:	PB161826BL	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
BN032633.D	1	6/27/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161826

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24576	16.964				
1719-03-5	Chrysene-d12	18634	21.204				
1520-96-3	Perylene-d12	13118	23.384				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SBLK917	SDG No.:	BN071224
Lab Sample ID:	PB161917BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032634.D	1	7/3/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	0.37	U	0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.47	U	0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.39	U	0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.68	U	0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.51	U	0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.52	U	0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.68	U	0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.42	U	0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.42	U	0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.86	U	0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.89	U	0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.98	U	0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.634		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.261		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.219		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5794		7.561			
1146-65-2	Naphthalene-d8	19677		10.327			
15067-26-2	Acenaphthene-d10	12875		14.207			

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SBLK917	SDG No.:	BN071224
Lab Sample ID:	PB161917BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032634.D	1	7/3/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27698	16.965				
1719-03-5	Chrysene-d12	20535	21.203				
1520-96-3	Perylene-d12	14932	23.383				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SLCS917	SDG No.:	BN071224
Lab Sample ID:	PB161917BS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032635.D	1	7/3/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	58		1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	12		0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	11		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	11		0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	12		0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	11		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	20		1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	11		0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	11		0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	11		0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	12		0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	12		0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	13		0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12		0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.68		15-120		85	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.341		30-130		85	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.334		20-140		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3963		7.582			
1146-65-2	Naphthalene-d8	13008		10.365			
15067-26-2	Acenaphthene-d10	8501		14.216			

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	SLCS917	SDG No.:	BN071224
Lab Sample ID:	PB161917BS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032635.D	1	7/3/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18872	16.986				
1719-03-5	Chrysene-d12	15399	21.197				
1520-96-3	Perylene-d12	15446	23.4				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SBLK755	SDG No.:	BN071224
Lab Sample ID:	PB161755BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032637.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	0.37	U	0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.47	U	0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.39	U	0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.68	U	0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.51	U	0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.52	U	0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.68	U	0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.42	U	0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.42	U	0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.86	U	0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.89	U	0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.98	U	0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.518		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.283		30-130		71	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.217		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6302		7.561			
1146-65-2	Naphthalene-d8	20542		10.327			
15067-26-2	Acenaphthene-d10	12441		14.207			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SBLK755	SDG No.:	BN071224
Lab Sample ID:	PB161755BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032637.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24417	16.965				
1719-03-5	Chrysene-d12	16423	21.206				
1520-96-3	Perylene-d12	12988	23.389				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CE1	SDG No.:	BN071224
Lab Sample ID:	P3102-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032638.D	1	7/3/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.3	ug/Kg
91-20-3	Naphthalene	15		0.41	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	8		0.93	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	10		0.37	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	27		0.51	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	28		0.43	0.9	3.6	ug/Kg
86-73-7	Fluorene	29		0.74	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	380	E	0.56	0.9	3.6	ug/Kg
120-12-7	Anthracene	87	E	0.57	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	800	E	0.74	0.9	3.6	ug/Kg
129-00-0	Pyrene	540	E	0.57	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	390	E	0.46	0.9	3.6	ug/Kg
218-01-9	Chrysene	310	E	0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	500	E	0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	E	0.43	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	210	E	0.39	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	E	0.94	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	E	0.97	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27		1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.275		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.305		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5586		7.561			
1146-65-2	Naphthalene-d8	18992		10.327			
15067-26-2	Acenaphthene-d10	11795		14.207			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CE1	SDG No.:	BN071224
Lab Sample ID:	P3102-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032638.D	1	7/3/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25736	16.961				
1719-03-5	Chrysene-d12	15939	21.173				
1520-96-3	Perylene-d12	15534	23.371				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CE1MS	SDG No.:	BN071224
Lab Sample ID:	P3102-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 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
BN032639.D	1	7/3/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28		1.2	0	7.3	ug/Kg
91-20-3	Naphthalene	21		0.4	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	17		0.93	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	19		0.37	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	33		0.51	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	30		0.43	0.9	3.6	ug/Kg
86-73-7	Fluorene	35		0.74	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	27		1.5	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	330	E	0.56	0.9	3.6	ug/Kg
120-12-7	Anthracene	84	E	0.57	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	660	E	0.74	0.9	3.6	ug/Kg
129-00-0	Pyrene	400	E	0.57	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	320	E	0.46	0.9	3.6	ug/Kg
218-01-9	Chrysene	260	E	0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	350	E	0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	E	0.43	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	140	E	0.39	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	E	0.94	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55		0.97	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45		1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.29		15-120		36	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.322		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.251		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5749		7.561			
1146-65-2	Naphthalene-d8	19903		10.332			
15067-26-2	Acenaphthene-d10	12100		14.202			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CE1MS	SDG No.:	BN071224
Lab Sample ID:	P3102-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 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
BN032639.D	1	7/3/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25407	16.961				
1719-03-5	Chrysene-d12	15187	21.176				
1520-96-3	Perylene-d12	17954	23.371				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CE1MSD	SDG No.:	BN071224
Lab Sample ID:	P3102-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 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
BN032640.D	1	7/3/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28		1.2	0	7.3	ug/Kg
91-20-3	Naphthalene	21		0.4	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	18		0.93	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	20		0.37	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	34		0.51	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	31		0.43	0.9	3.6	ug/Kg
86-73-7	Fluorene	34		0.74	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	28		1.5	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	340	E	0.56	0.9	3.6	ug/Kg
120-12-7	Anthracene	86	E	0.57	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	640	E	0.74	0.9	3.6	ug/Kg
129-00-0	Pyrene	390	E	0.57	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	330	E	0.46	0.9	3.6	ug/Kg
218-01-9	Chrysene	260	E	0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	320	E	0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	97	E	0.43	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	130	E	0.39	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98	E	0.94	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51		0.97	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42		1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.297		15-120		37	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.311		30-130		78	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.256		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5799		7.561			
1146-65-2	Naphthalene-d8	19936		10.332			
15067-26-2	Acenaphthene-d10	11726		14.202			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CE1MSD	SDG No.:	BN071224
Lab Sample ID:	P3102-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 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
BN032640.D	1	7/3/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22934	16.961				
1719-03-5	Chrysene-d12	13893	21.17				
1520-96-3	Perylene-d12	19562	23.371				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX3	SDG No.:	BN071224
Lab Sample ID:	P3035-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN032641.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8.2	ug/Kg
91-20-3	Naphthalene	4.1		0.45	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	2.4	J	1	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	2.7	J	0.42	1	4	ug/Kg
208-96-8	Acenaphthylene	32		0.58	1	4	ug/Kg
83-32-9	Acenaphthene	7.7		0.48	1	4	ug/Kg
86-73-7	Fluorene	15		0.83	1	4	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	220	E	0.62	1	4	ug/Kg
120-12-7	Anthracene	43		0.64	1	4	ug/Kg
206-44-0	Fluoranthene	410	E	0.83	1	4	ug/Kg
129-00-0	Pyrene	300	E	0.64	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	210	E	0.51	1	4	ug/Kg
218-01-9	Chrysene	180	E	0.51	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	E	0.26	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	73	E	0.48	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	120	E	0.44	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86	E	1.1	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39		1.1	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		1.2	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.416		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.277		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.222		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7737		7.557			
1146-65-2	Naphthalene-d8	24731		10.327			
15067-26-2	Acenaphthene-d10	14467		14.202			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX3	SDG No.:	BN071224
Lab Sample ID:	P3035-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN032641.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25830	16.961				
1719-03-5	Chrysene-d12	15588	21.176				
1520-96-3	Perylene-d12	17617	23.371				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CW2	SDG No.:	BN071224
Lab Sample ID:	P3035-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032642.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.8	ug/Kg
91-20-3	Naphthalene	18		0.49	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	6.7		1.1	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	10		0.45	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	31		0.62	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	18		0.51	1.1	4.3	ug/Kg
86-73-7	Fluorene	19		0.89	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.2	8.8	ug/Kg
85-01-8	Phenanthrene	310	E	0.67	1.1	4.3	ug/Kg
120-12-7	Anthracene	67		0.68	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	750	E	0.89	1.1	4.3	ug/Kg
129-00-0	Pyrene	510	E	0.68	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	400	E	0.55	1.1	4.3	ug/Kg
218-01-9	Chrysene	350	E	0.55	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	530	E	0.28	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	E	0.51	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	220	E	0.47	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	E	1.1	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	76	E	1.2	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32		1.3	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.72		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.342		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.3		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7496		7.557			
1146-65-2	Naphthalene-d8	23900		10.327			
15067-26-2	Acenaphthene-d10	13558		14.207			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CW2	SDG No.:	BN071224
Lab Sample ID:	P3035-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN032642.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24420	16.961				
1719-03-5	Chrysene-d12	14640	21.173				
1520-96-3	Perylene-d12	17797	23.371				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CW2MS	SDG No.:	BN071224
Lab Sample ID:	P3035-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 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
BN032643.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55		1.4	0	8.8	ug/Kg
91-20-3	Naphthalene	40		0.49	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	25		1.1	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	31		0.45	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	61		0.62	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	44		0.51	1.1	4.3	ug/Kg
86-73-7	Fluorene	41		0.9	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	52		1.8	2.2	8.8	ug/Kg
85-01-8	Phenanthrene	460	E	0.67	1.1	4.3	ug/Kg
120-12-7	Anthracene	120	E	0.68	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	1000	E	0.9	1.1	4.3	ug/Kg
129-00-0	Pyrene	710	E	0.68	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	580	E	0.55	1.1	4.3	ug/Kg
218-01-9	Chrysene	480	E	0.55	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	670	E	0.28	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	E	0.51	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	270	E	0.47	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	E	1.1	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	E	1.2	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37		1.3	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.457		15-120		57	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.405		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.367		20-140		92	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7348		7.557			
1146-65-2	Naphthalene-d8	23552		10.327			
15067-26-2	Acenaphthene-d10	12670		14.202			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CW2MS	SDG No.:	BN071224
Lab Sample ID:	P3035-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 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
BN032643.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23253	16.961				
1719-03-5	Chrysene-d12	14850	21.173				
1520-96-3	Perylene-d12	20628	23.371				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CW2MSD	SDG No.:	BN071224
Lab Sample ID:	P3035-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 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
BN032644.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	61		1.4	0	8.8	ug/Kg
91-20-3	Naphthalene	45		0.49	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	29		1.1	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	35		0.45	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	70		0.62	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	50		0.51	1.1	4.3	ug/Kg
86-73-7	Fluorene	48		0.9	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	59		1.8	2.2	8.8	ug/Kg
85-01-8	Phenanthrene	510	E	0.67	1.1	4.3	ug/Kg
120-12-7	Anthracene	130	E	0.68	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	1200	E	0.9	1.1	4.3	ug/Kg
129-00-0	Pyrene	820	E	0.68	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	650	E	0.55	1.1	4.3	ug/Kg
218-01-9	Chrysene	550	E	0.55	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	750	E	0.28	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	E	0.51	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	300	E	0.47	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	E	1.1	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	E	1.2	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42		1.3	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.512		15-120		64	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.471		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.421		20-140		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6859		7.557			
1146-65-2	Naphthalene-d8	22254		10.327			
15067-26-2	Acenaphthene-d10	12351		14.207			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CW2MSD	SDG No.:	BN071224
Lab Sample ID:	P3035-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 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
BN032644.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23151	16.961				
1719-03-5	Chrysene-d12	13756	21.173				
1520-96-3	Perylene-d12	19517	23.371				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CY1	SDG No.:	BN071224
Lab Sample ID:	P3035-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	32.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032645.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6	U	1.6	0	9.9	ug/Kg
91-20-3	Naphthalene	17		0.55	1.2	4.9	ug/Kg
90-12-0	1-Methylnaphthalene	7		1.3	1.2	4.9	ug/Kg
91-57-6	2-Methylnaphthalene	9.3		0.5	1.2	4.9	ug/Kg
208-96-8	Acenaphthylene	35		0.69	1.2	4.9	ug/Kg
83-32-9	Acenaphthene	20		0.58	1.2	4.9	ug/Kg
86-73-7	Fluorene	22		1	1.2	4.9	ug/Kg
87-86-5	Pentachlorophenol	2.1	U	2.1	2.5	9.9	ug/Kg
85-01-8	Phenanthrene	350	E	0.75	1.2	4.9	ug/Kg
120-12-7	Anthracene	74		0.77	1.2	4.9	ug/Kg
206-44-0	Fluoranthene	720	E	1	1.2	4.9	ug/Kg
129-00-0	Pyrene	490	E	0.77	1.2	4.9	ug/Kg
56-55-3	Benzo(a)anthracene	380	E	0.62	1.2	4.9	ug/Kg
218-01-9	Chrysene	310	E	0.62	1.2	4.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	490	E	0.31	1.2	4.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	E	0.58	1.2	4.9	ug/Kg
50-32-8	Benzo(a)pyrene	210	E	0.53	1.2	4.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	E	1.3	1.2	4.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	69		1.3	1.2	4.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28		1.4	1.2	4.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.79		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.27		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.236		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7676		7.557			
1146-65-2	Naphthalene-d8	24591		10.327			
15067-26-2	Acenaphthene-d10	14147		14.207			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CY1	SDG No.:	BN071224
Lab Sample ID:	P3035-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	32.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032645.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24795	16.961				
1719-03-5	Chrysene-d12	15227	21.174				
1520-96-3	Perylene-d12	18015	23.368				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX0	SDG No.:	BN071224
Lab Sample ID:	P3035-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	61.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN032646.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.9	U	2.9	0	18	ug/Kg
91-20-3	Naphthalene	15		0.97	2.2	8.6	ug/Kg
90-12-0	1-Methylnaphthalene	7	J	2.2	2.2	8.6	ug/Kg
91-57-6	2-Methylnaphthalene	8	J	0.89	2.2	8.6	ug/Kg
208-96-8	Acenaphthylene	38		1.2	2.2	8.6	ug/Kg
83-32-9	Acenaphthene	27		1	2.2	8.6	ug/Kg
86-73-7	Fluorene	31		1.8	2.2	8.6	ug/Kg
87-86-5	Pentachlorophenol	3.7	U	3.7	4.4	18	ug/Kg
85-01-8	Phenanthrene	580	E	1.3	2.2	8.6	ug/Kg
120-12-7	Anthracene	110		1.4	2.2	8.6	ug/Kg
206-44-0	Fluoranthene	1200	E	1.8	2.2	8.6	ug/Kg
129-00-0	Pyrene	810	E	1.4	2.2	8.6	ug/Kg
56-55-3	Benzo(a)anthracene	620	E	1.1	2.2	8.6	ug/Kg
218-01-9	Chrysene	540	E	1.1	2.2	8.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	830	E	0.55	2.2	8.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	E	1	2.2	8.6	ug/Kg
50-32-8	Benzo(a)pyrene	340	E	0.94	2.2	8.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	E	2.2	2.2	8.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110		2.3	2.2	8.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45		2.6	2.2	8.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.351		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.284		30-130		71	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.264		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7312		7.557			
1146-65-2	Naphthalene-d8	23327		10.327			
15067-26-2	Acenaphthene-d10	13098		14.207			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX0	SDG No.:	BN071224
Lab Sample ID:	P3035-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	61.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN032646.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21785	16.961				
1719-03-5	Chrysene-d12	14374	21.171				
1520-96-3	Perylene-d12	16806	23.365				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4B96	SDG No.:	BN071224
Lab Sample ID:	P3035-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032647.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.2	ug/Kg
91-20-3	Naphthalene	1.8	J	0.4	0.89	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	1	J	0.91	0.89	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	J	0.37	0.89	3.5	ug/Kg
208-96-8	Acenaphthylene	4.3		0.5	0.89	3.5	ug/Kg
83-32-9	Acenaphthene	2.5	J	0.42	0.89	3.5	ug/Kg
86-73-7	Fluorene	2.8	J	0.73	0.89	3.5	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.2	ug/Kg
85-01-8	Phenanthrene	39		0.55	0.89	3.5	ug/Kg
120-12-7	Anthracene	10		0.56	0.89	3.5	ug/Kg
206-44-0	Fluoranthene	68	E	0.73	0.89	3.5	ug/Kg
129-00-0	Pyrene	69	E	0.56	0.89	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	47		0.45	0.89	3.5	ug/Kg
218-01-9	Chrysene	28		0.45	0.89	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	46		0.23	0.89	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	13		0.42	0.89	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	42		0.39	0.89	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	21		0.92	0.89	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6.4		0.96	0.89	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26		1.1	0.89	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.026		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.258		30-130		64	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.232		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7706		7.557			
1146-65-2	Naphthalene-d8	24531		10.327			
15067-26-2	Acenaphthene-d10	13564		14.207			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4B96	SDG No.:	BN071224
Lab Sample ID:	P3035-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032647.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22648	16.965				
1719-03-5	Chrysene-d12	16010	21.171				
1520-96-3	Perylene-d12	17439	23.368				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CW9	SDG No.:	BN071224
Lab Sample ID:	P3035-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	27.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032648.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	9.3	ug/Kg
91-20-3	Naphthalene	9.9		0.51	1.1	4.6	ug/Kg
90-12-0	1-Methylnaphthalene	3.5	J	1.2	1.1	4.6	ug/Kg
91-57-6	2-Methylnaphthalene	4.7		0.47	1.1	4.6	ug/Kg
208-96-8	Acenaphthylene	13		0.65	1.1	4.6	ug/Kg
83-32-9	Acenaphthene	13		0.54	1.1	4.6	ug/Kg
86-73-7	Fluorene	13		0.94	1.1	4.6	ug/Kg
87-86-5	Pentachlorophenol	1.9	U	1.9	2.3	9.3	ug/Kg
85-01-8	Phenanthrene	180	E	0.71	1.1	4.6	ug/Kg
120-12-7	Anthracene	40		0.72	1.1	4.6	ug/Kg
206-44-0	Fluoranthene	330	E	0.94	1.1	4.6	ug/Kg
129-00-0	Pyrene	230	E	0.72	1.1	4.6	ug/Kg
56-55-3	Benzo(a)anthracene	190	E	0.58	1.1	4.6	ug/Kg
218-01-9	Chrysene	150	E	0.58	1.1	4.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	220	E	0.29	1.1	4.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	70		0.54	1.1	4.6	ug/Kg
50-32-8	Benzo(a)pyrene	100	E	0.5	1.1	4.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	71		1.2	1.1	4.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32		1.2	1.1	4.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		1.4	1.1	4.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.817		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.246		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.221		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7983		7.557			
1146-65-2	Naphthalene-d8	25748		10.327			
15067-26-2	Acenaphthene-d10	14237		14.207			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CW9	SDG No.:	BN071224
Lab Sample ID:	P3035-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	27.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN032648.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25799	16.961				
1719-03-5	Chrysene-d12	15992	21.171				
1520-96-3	Perylene-d12	18116	23.365				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX1	SDG No.:	BN071224
Lab Sample ID:	P3035-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	49.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN032649.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.2	U	2.2	0	13	ug/Kg
91-20-3	Naphthalene	5.4	J	0.72	1.6	6.5	ug/Kg
90-12-0	1-Methylnaphthalene	2.5	J	1.7	1.6	6.5	ug/Kg
91-57-6	2-Methylnaphthalene	2.8	J	0.67	1.6	6.5	ug/Kg
208-96-8	Acenaphthylene	22		0.92	1.6	6.5	ug/Kg
83-32-9	Acenaphthene	9.1		0.76	1.6	6.5	ug/Kg
86-73-7	Fluorene	12		1.3	1.6	6.5	ug/Kg
87-86-5	Pentachlorophenol	4.4	J	2.7	3.3	13	ug/Kg
85-01-8	Phenanthrene	180	E	1	1.6	6.5	ug/Kg
120-12-7	Anthracene	37		1	1.6	6.5	ug/Kg
206-44-0	Fluoranthene	350	E	1.3	1.6	6.5	ug/Kg
129-00-0	Pyrene	250	E	1	1.6	6.5	ug/Kg
56-55-3	Benzo(a)anthracene	190	E	0.82	1.6	6.5	ug/Kg
218-01-9	Chrysene	160	E	0.82	1.6	6.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	270	E	0.41	1.6	6.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	79		0.76	1.6	6.5	ug/Kg
50-32-8	Benzo(a)pyrene	120	E	0.7	1.6	6.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92		1.7	1.6	6.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37		1.7	1.6	6.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19		1.9	1.6	6.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.594		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.205		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.188		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7251		7.557			
1146-65-2	Naphthalene-d8	21490		10.327			
15067-26-2	Acenaphthene-d10	10972		14.207			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX1	SDG No.:	BN071224
Lab Sample ID:	P3035-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	49.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN032649.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19651	16.961				
1719-03-5	Chrysene-d12	16142	21.171				
1520-96-3	Perylene-d12	17833	23.365				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX4	SDG No.:	BN071224
Lab Sample ID:	P3035-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032650.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.7	ug/Kg
91-20-3	Naphthalene	0.8	J	0.42	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.97	U	0.97	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.39	U	0.39	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	3.4	J	0.54	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	1.5	J	0.45	0.94	3.8	ug/Kg
86-73-7	Fluorene	1.7	J	0.78	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	24		0.58	0.94	3.8	ug/Kg
120-12-7	Anthracene	5.9		0.59	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	40		0.78	0.94	3.8	ug/Kg
129-00-0	Pyrene	36		0.59	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	24		0.48	0.94	3.8	ug/Kg
218-01-9	Chrysene	16		0.48	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	31		0.24	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	8.8		0.45	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	24		0.41	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	14		0.98	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.1		1	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17		1.1	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.527		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.199		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.18		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6730		7.557			
1146-65-2	Naphthalene-d8	19397		10.327			
15067-26-2	Acenaphthene-d10	10101		14.207			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX4	SDG No.:	BN071224
Lab Sample ID:	P3035-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032650.D	1	6/26/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18947	16.961				
1719-03-5	Chrysene-d12	16355	21.17				
1520-96-3	Perylene-d12	17269	23.368				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX7	SDG No.:	BN071224
Lab Sample ID:	P3035-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	43.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032651.D	1	6/26/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9	U	1.9	0	12	ug/Kg
91-20-3	Naphthalene	12		0.65	1.4	5.8	ug/Kg
90-12-0	1-Methylnaphthalene	3.9	J	1.5	1.4	5.8	ug/Kg
91-57-6	2-Methylnaphthalene	5.4	J	0.6	1.4	5.8	ug/Kg
208-96-8	Acenaphthylene	22		0.83	1.4	5.8	ug/Kg
83-32-9	Acenaphthene	13		0.69	1.4	5.8	ug/Kg
86-73-7	Fluorene	13		1.2	1.4	5.8	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.9	12	ug/Kg
85-01-8	Phenanthrene	190	E	0.9	1.4	5.8	ug/Kg
120-12-7	Anthracene	45		0.91	1.4	5.8	ug/Kg
206-44-0	Fluoranthene	320	E	1.2	1.4	5.8	ug/Kg
129-00-0	Pyrene	230	E	0.91	1.4	5.8	ug/Kg
56-55-3	Benzo(a)anthracene	190	E	0.74	1.4	5.8	ug/Kg
218-01-9	Chrysene	140	E	0.74	1.4	5.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	230	E	0.37	1.4	5.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	66		0.69	1.4	5.8	ug/Kg
50-32-8	Benzo(a)pyrene	110	E	0.63	1.4	5.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	76		1.5	1.4	5.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33		1.6	1.4	5.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14		1.7	1.4	5.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.221		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.253		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.221		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6557		7.557			
1146-65-2	Naphthalene-d8	19548		10.327			
15067-26-2	Acenaphthene-d10	10165		14.207			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX7	SDG No.:	BN071224
Lab Sample ID:	P3035-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	43.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032651.D	1	6/26/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19348	16.961				
1719-03-5	Chrysene-d12	15285	21.171				
1520-96-3	Perylene-d12	17399	23.365				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB8	SDG No.:	BN071224
Lab Sample ID:	P3035-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032652.D	1	6/26/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	8.9	ug/Kg
91-20-3	Naphthalene	4.7		0.49	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	2.6	J	1.1	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	3.2	J	0.45	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	13		0.62	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	14		0.52	1.1	4.4	ug/Kg
86-73-7	Fluorene	16		0.9	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	1.9	U	1.9	2.2	8.9	ug/Kg
85-01-8	Phenanthrene	230	E	0.68	1.1	4.4	ug/Kg
120-12-7	Anthracene	56		0.69	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	360	E	0.9	1.1	4.4	ug/Kg
129-00-0	Pyrene	240	E	0.69	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	210	E	0.56	1.1	4.4	ug/Kg
218-01-9	Chrysene	150	E	0.56	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	220	E	0.28	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	71	E	0.52	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	100	E	0.48	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66		1.1	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30		1.2	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		1.3	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.622		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.186		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.172		20-140		43	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6677		7.557			
1146-65-2	Naphthalene-d8	19729		10.327			
15067-26-2	Acenaphthene-d10	10295		14.207			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB8	SDG No.:	BN071224
Lab Sample ID:	P3035-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN032652.D	1	6/26/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19147	16.961				
1719-03-5	Chrysene-d12	15248	21.17				
1520-96-3	Perylene-d12	17063	23.368				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SLCS826	SDG No.:	BN071224
Lab Sample ID:	PB161826BS	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
BN032653.D	1	6/27/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161826

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.34		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		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	0.37		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.34		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.93		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.44		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.35		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.36		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	0.35		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.35		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.33		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	0.39		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.41		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.667		15-120		83	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.354		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.341		30-130		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5535	7.561				
1146-65-2	Naphthalene-d8	16618	10.332				
15067-26-2	Acenaphthene-d10	8619	14.207				

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SLCS826	SDG No.:	BN071224
Lab Sample ID:	PB161826BS	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
BN032653.D	1	6/27/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161826

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15334	16.97				
1719-03-5	Chrysene-d12	13848	21.179				
1520-96-3	Perylene-d12	16810	23.374				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK731	SDG No.:	BN071224
Lab Sample ID:	PB161731BL	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
BN032655.D	1	6/25/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161731

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	3.995		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.219		30-130		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9727		7.553			
1146-65-2	Naphthalene-d8	31182		10.321			
15067-26-2	Acenaphthene-d10	16795		14.202			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK731	SDG No.:	BN071224
Lab Sample ID:	PB161731BL	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
BN032655.D	1	6/25/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161731

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27577	16.961				
1719-03-5	Chrysene-d12	20085	21.182				
1520-96-3	Perylene-d12	21606	23.368				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB9	SDG No.:	BN071224
Lab Sample ID:	P3035-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032656.D	1	6/26/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8	ug/Kg
91-20-3	Naphthalene	3.9		0.44	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1.8	J	1	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	2.4	J	0.41	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	9.1		0.56	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	9		0.47	0.98	3.9	ug/Kg
86-73-7	Fluorene	9.9		0.81	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8	ug/Kg
85-01-8	Phenanthrene	130	E	0.61	0.98	3.9	ug/Kg
120-12-7	Anthracene	31		0.62	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	230	E	0.81	0.98	3.9	ug/Kg
129-00-0	Pyrene	160	E	0.62	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	130	E	0.5	0.98	3.9	ug/Kg
218-01-9	Chrysene	89	E	0.5	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	E	0.25	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	40		0.47	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	65	E	0.43	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42		1	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	18		1.1	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	7.3		1.2	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.152		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.232		30-130		58	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.215		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8094		7.553			
1146-65-2	Naphthalene-d8	25694		10.321			
15067-26-2	Acenaphthene-d10	13860		14.202			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CB9	SDG No.:	BN071224
Lab Sample ID:	P3035-21	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN032656.D	1	6/26/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24407	16.961				
1719-03-5	Chrysene-d12	17190	21.171				
1520-96-3	Perylene-d12	18785	23.365				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC0	SDG No.:	BN071224
Lab Sample ID:	P3035-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN032657.D	1	6/26/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.1	ug/Kg
91-20-3	Naphthalene	1.1	J	0.39	0.88	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	0.9	U	0.9	0.88	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	0.36	U	0.36	0.88	3.5	ug/Kg
208-96-8	Acenaphthylene	3.6		0.5	0.88	3.5	ug/Kg
83-32-9	Acenaphthene	0.74	J	0.41	0.88	3.5	ug/Kg
86-73-7	Fluorene	0.92	J	0.72	0.88	3.5	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.1	ug/Kg
85-01-8	Phenanthrene	18		0.54	0.88	3.5	ug/Kg
120-12-7	Anthracene	5.1		0.55	0.88	3.5	ug/Kg
206-44-0	Fluoranthene	40		0.72	0.88	3.5	ug/Kg
129-00-0	Pyrene	34		0.55	0.88	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	28		0.45	0.88	3.5	ug/Kg
218-01-9	Chrysene	17		0.45	0.88	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	32		0.22	0.88	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.3		0.41	0.88	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	26		0.38	0.88	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	14		0.91	0.88	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.4		0.94	0.88	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		1	0.88	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.455		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.201		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.187		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8729		7.553			
1146-65-2	Naphthalene-d8	27268		10.325			
15067-26-2	Acenaphthene-d10	14596		14.201			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	A4CC0	SDG No.:	BN071224
Lab Sample ID:	P3035-22	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN032657.D	1	6/26/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161755

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24697	16.96				
1719-03-5	Chrysene-d12	19174	21.169				
1520-96-3	Perylene-d12	20876	23.364				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK902	SDG No.:	BN071224
Lab Sample ID:	PB161902BL	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
BN032658.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161902

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	4.784		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.292		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.265		30-130		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7401		7.553			
1146-65-2	Naphthalene-d8	23658		10.321			
15067-26-2	Acenaphthene-d10	12922		14.202			

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK902	SDG No.:	BN071224
Lab Sample ID:	PB161902BL	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
BN032658.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22749	16.961				
1719-03-5	Chrysene-d12	15767	21.179				
1520-96-3	Perylene-d12	15633	23.368				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	YDZF8	SDG No.:	BN071224
Lab Sample ID:	P3138-02	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
BN032659.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.12	J	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	3.658		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.38		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.323		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6496		7.553			
1146-65-2	Naphthalene-d8	21196		10.32			
15067-26-2	Acenaphthene-d10	12746		14.201			

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	YDZF8	SDG No.:	BN071224
Lab Sample ID:	P3138-02	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
BN032659.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21134	16.96				
1719-03-5	Chrysene-d12	14134	21.172				
1520-96-3	Perylene-d12	14749	23.361				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	YDZF8MS	SDG No.:	BN071224
Lab Sample ID:	P3138-03MS	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
BN032660.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.77		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.38		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.37		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		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	0.36		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.34		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.6		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	0.51		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.42		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.43		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.5		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.37		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.34		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	0.44		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.44		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	0.232		15-120		29	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.419		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.354		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5548	7.557				
1146-65-2	Naphthalene-d8	17631	10.327				
15067-26-2	Acenaphthene-d10	9843	14.202				

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	YDZF8MS	SDG No.:	BN071224
Lab Sample ID:	P3138-03MS	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
BN032660.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16543	16.961				
1719-03-5	Chrysene-d12	13125	21.17				
1520-96-3	Perylene-d12	15487	23.365				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	YDZF8MSD	SDG No.:	BN071224
Lab Sample ID:	P3138-04MSD	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
BN032661.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.68		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.34		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.35		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.33		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.32		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.4		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.4		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.46		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.4		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.46		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.34		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.31		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		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	0.37		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.215		15-120		27	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.392		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.329		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6653	7.557				
1146-65-2	Naphthalene-d8	22109	10.327				
15067-26-2	Acenaphthene-d10	12889	14.202				

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	YDZF8MSD	SDG No.:	BN071224
Lab Sample ID:	P3138-04MSD	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
BN032661.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21184	16.961				
1719-03-5	Chrysene-d12	15088	21.171				
1520-96-3	Perylene-d12	17848	23.365				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SLCS902	SDG No.:	BN071224
Lab Sample ID:	PB161902BS	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
BN032662.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.34		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.33		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.34		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.3		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.72		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.34		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.37		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.34		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.34		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.38		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.32		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.31		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.29		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.37		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.36		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.34		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.571		15-120		71	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.353		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.345		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6700	7.561				
1146-65-2	Naphthalene-d8	22710	10.332				
15067-26-2	Acenaphthene-d10	12542	14.202				

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SLCS902	SDG No.:	BN071224
Lab Sample ID:	PB161902BS	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
BN032662.D	1	7/1/2024 12:00:00 AM	7/12/2024 12:00:00 AM	PB161902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20176	16.97				
1719-03-5	Chrysene-d12	14405	21.176				
1520-96-3	Perylene-d12	17745	23.374				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BN071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CW2								
P3035-01	A4CW2	Solid	Total Alkanes	*	0.000	1.4	8.8	ug/Kg
			Total Tics :			0.00		
P3035-01	A4CW2	Solid	1-Methylnaphthalene		6.700	1.1	4.3	ug/Kg
P3035-01	A4CW2	Solid	2-Methylnaphthalene		10.000	0.45	4.3	ug/Kg
P3035-01	A4CW2	Solid	Acenaphthene		18.000	0.51	4.3	ug/Kg
P3035-01	A4CW2	Solid	Acenaphthylene		31.000	0.62	4.3	ug/Kg
P3035-01	A4CW2	Solid	Anthracene		67.000	0.68	4.3	ug/Kg
P3035-01	A4CW2	Solid	Benzo(a)anthracene		400.000	E 0.55	4.3	ug/Kg
P3035-01	A4CW2	Solid	Benzo(a)pyrene		220.000	E 0.47	4.3	ug/Kg
P3035-01	A4CW2	Solid	Benzo(b)fluoranthene		530.000	E 0.28	4.3	ug/Kg
P3035-01	A4CW2	Solid	Benzo(g,h,i)perylene		32.000	1.3	4.3	ug/Kg
P3035-01	A4CW2	Solid	Benzo(k)fluoranthene		170.000	E 0.51	4.3	ug/Kg
P3035-01	A4CW2	Solid	Chrysene		350.000	E 0.55	4.3	ug/Kg
P3035-01	A4CW2	Solid	Dibenzo(a,h)anthracene		76.000	E 1.2	4.3	ug/Kg
P3035-01	A4CW2	Solid	Fluoranthene		750.000	E 0.89	4.3	ug/Kg
P3035-01	A4CW2	Solid	Fluorene		19.000	0.89	4.3	ug/Kg
P3035-01	A4CW2	Solid	Indeno(1,2,3-cd)pyrene		170.000	E 1.1	4.3	ug/Kg
P3035-01	A4CW2	Solid	Naphthalene		18.000	0.49	4.3	ug/Kg
P3035-01	A4CW2	Solid	Phenanthrene		310.000	E 0.67	4.3	ug/Kg
P3035-01	A4CW2	Solid	Pyrene		510.000	E 0.68	4.3	ug/Kg
			Total Svoc :			3,687.70		
			Total Concentration:			3,687.70		
Client ID : A4CX1								
P3035-06	A4CX1	Solid	Total Alkanes	*	0.000	2.2	13	ug/Kg
			Total Tics :			0.00		
P3035-06	A4CX1	Solid	1-Methylnaphthalene		2.500	J 1.7	6.5	ug/Kg
P3035-06	A4CX1	Solid	2-Methylnaphthalene		2.800	J 0.67	6.5	ug/Kg
P3035-06	A4CX1	Solid	Acenaphthene		9.100	0.76	6.5	ug/Kg
P3035-06	A4CX1	Solid	Acenaphthylene		22.000	0.92	6.5	ug/Kg
P3035-06	A4CX1	Solid	Anthracene		37.000	1	6.5	ug/Kg
P3035-06	A4CX1	Solid	Benzo(a)anthracene		190.000	E 0.82	6.5	ug/Kg
P3035-06	A4CX1	Solid	Benzo(a)pyrene		120.000	E 0.7	6.5	ug/Kg
P3035-06	A4CX1	Solid	Benzo(b)fluoranthene		270.000	E 0.41	6.5	ug/Kg
P3035-06	A4CX1	Solid	Benzo(g,h,i)perylene		19.000	1.9	6.5	ug/Kg
P3035-06	A4CX1	Solid	Benzo(k)fluoranthene		79.000	0.76	6.5	ug/Kg
P3035-06	A4CX1	Solid	Chrysene		160.000	E 0.82	6.5	ug/Kg
P3035-06	A4CX1	Solid	Dibenzo(a,h)anthracene		37.000	1.7	6.5	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3035-06	A4CX1	Solid	Fluoranthene	350.000	E	1.3	6.5	ug/Kg
P3035-06	A4CX1	Solid	Fluorene	12.000		1.3	6.5	ug/Kg
P3035-06	A4CX1	Solid	Indeno(1,2,3-cd)pyrene	92.000		1.7	6.5	ug/Kg
P3035-06	A4CX1	Solid	Naphthalene	5.400	J	0.72	6.5	ug/Kg
P3035-06	A4CX1	Solid	Pentachlorophenol	4.400	J	2.7	13	ug/Kg
P3035-06	A4CX1	Solid	Phenanthrene	180.000	E	1	6.5	ug/Kg
P3035-06	A4CX1	Solid	Pyrene	250.000	E	1	6.5	ug/Kg
Total Svoc :				1,842.20				
Total Concentration:				1,842.20				

Client ID : A4CX3

P3035-07	A4CX3	Solid	Total Alkanes	*	0.000	1.3	8.2	ug/Kg
Total Tics :				0.00				
P3035-07	A4CX3	Solid	1-Methylnaphthalene		2.400	J	1	ug/Kg
P3035-07	A4CX3	Solid	2-Methylnaphthalene		2.700	J	0.42	ug/Kg
P3035-07	A4CX3	Solid	Acenaphthene		7.700		0.48	ug/Kg
P3035-07	A4CX3	Solid	Acenaphthylene		32.000		0.58	ug/Kg
P3035-07	A4CX3	Solid	Anthracene		43.000		0.64	ug/Kg
P3035-07	A4CX3	Solid	Benzo(a)anthracene		210.000	E	0.51	ug/Kg
P3035-07	A4CX3	Solid	Benzo(a)pyrene		120.000	E	0.44	ug/Kg
P3035-07	A4CX3	Solid	Benzo(b)fluoranthene		250.000	E	0.26	ug/Kg
P3035-07	A4CX3	Solid	Benzo(g,h,i)perylene		16.000		1.2	ug/Kg
P3035-07	A4CX3	Solid	Benzo(k)fluoranthene		73.000	E	0.48	ug/Kg
P3035-07	A4CX3	Solid	Chrysene		180.000	E	0.51	ug/Kg
P3035-07	A4CX3	Solid	Dibenzo(a,h)anthracene		39.000		1.1	ug/Kg
P3035-07	A4CX3	Solid	Fluoranthene		410.000	E	0.83	ug/Kg
P3035-07	A4CX3	Solid	Fluorene		15.000		0.83	ug/Kg
P3035-07	A4CX3	Solid	Indeno(1,2,3-cd)pyrene		86.000	E	1.1	ug/Kg
P3035-07	A4CX3	Solid	Naphthalene		4.100		0.45	ug/Kg
P3035-07	A4CX3	Solid	Phenanthrene		220.000	E	0.62	ug/Kg
P3035-07	A4CX3	Solid	Pyrene		300.000	E	0.64	ug/Kg
Total Svoc :				2,010.90				
Total Concentration:				2,010.90				

Client ID : A4CX4

P3035-08	A4CX4	Solid	Total Alkanes	*	0.000	1.3	7.7	ug/Kg
Total Tics :				0.00				
P3035-08	A4CX4	Solid	Acenaphthene		1.500	J	0.45	ug/Kg
P3035-08	A4CX4	Solid	Acenaphthylene		3.400	J	0.54	ug/Kg
P3035-08	A4CX4	Solid	Anthracene		5.900		0.59	ug/Kg
P3035-08	A4CX4	Solid	Benzo(a)anthracene		24.000		0.48	ug/Kg
P3035-08	A4CX4	Solid	Benzo(a)pyrene		24.000		0.41	ug/Kg

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SDG No.: BN071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3035-08	A4CX4	Solid	Benzo(b)fluoranthene	31.000		0.24	3.8	ug/Kg
P3035-08	A4CX4	Solid	Benzo(g,h,i)perylene	17.000		1.1	3.8	ug/Kg
P3035-08	A4CX4	Solid	Benzo(k)fluoranthene	8.800		0.45	3.8	ug/Kg
P3035-08	A4CX4	Solid	Chrysene	16.000		0.48	3.8	ug/Kg
P3035-08	A4CX4	Solid	Dibenzo(a,h)anthracene	4.100		1	3.8	ug/Kg
P3035-08	A4CX4	Solid	Fluoranthene	40.000		0.78	3.8	ug/Kg
P3035-08	A4CX4	Solid	Fluorene	1.700	J	0.78	3.8	ug/Kg
P3035-08	A4CX4	Solid	Indeno(1,2,3-cd)pyrene	14.000		0.98	3.8	ug/Kg
P3035-08	A4CX4	Solid	Naphthalene	0.800	J	0.42	3.8	ug/Kg
P3035-08	A4CX4	Solid	Phenanthrene	24.000		0.58	3.8	ug/Kg
P3035-08	A4CX4	Solid	Pyrene	36.000		0.59	3.8	ug/Kg
Total Svoc :						252.20		
Total Concentration:						252.20		

Client ID : A4CX7

P3035-09	A4CX7	Solid	Total Alkanes	*	0.000	1.9	12	ug/Kg
Total Tics :						0.00		
P3035-09	A4CX7	Solid	1-Methylnaphthalene	J	3.900	1.5	5.8	ug/Kg
P3035-09	A4CX7	Solid	2-Methylnaphthalene	J	5.400	0.6	5.8	ug/Kg
P3035-09	A4CX7	Solid	Acenaphthene		13.000	0.69	5.8	ug/Kg
P3035-09	A4CX7	Solid	Acenaphthylene		22.000	0.83	5.8	ug/Kg
P3035-09	A4CX7	Solid	Anthracene		45.000	0.91	5.8	ug/Kg
P3035-09	A4CX7	Solid	Benzo(a)anthracene	E	190.000	0.74	5.8	ug/Kg
P3035-09	A4CX7	Solid	Benzo(a)pyrene	E	110.000	0.63	5.8	ug/Kg
P3035-09	A4CX7	Solid	Benzo(b)fluoranthene	E	230.000	0.37	5.8	ug/Kg
P3035-09	A4CX7	Solid	Benzo(g,h,i)perylene		14.000	1.7	5.8	ug/Kg
P3035-09	A4CX7	Solid	Benzo(k)fluoranthene		66.000	0.69	5.8	ug/Kg
P3035-09	A4CX7	Solid	Chrysene	E	140.000	0.74	5.8	ug/Kg
P3035-09	A4CX7	Solid	Dibenzo(a,h)anthracene		33.000	1.6	5.8	ug/Kg
P3035-09	A4CX7	Solid	Fluoranthene	E	320.000	1.2	5.8	ug/Kg
P3035-09	A4CX7	Solid	Fluorene		13.000	1.2	5.8	ug/Kg
P3035-09	A4CX7	Solid	Indeno(1,2,3-cd)pyrene		76.000	1.5	5.8	ug/Kg
P3035-09	A4CX7	Solid	Naphthalene		12.000	0.65	5.8	ug/Kg
P3035-09	A4CX7	Solid	Phenanthrene	E	190.000	0.9	5.8	ug/Kg
P3035-09	A4CX7	Solid	Pyrene	E	230.000	0.91	5.8	ug/Kg
Total Svoc :						1,713.30		
Total Concentration:						1,713.30		

Client ID : A4CY1

P3035-11	A4CY1	Solid	Total Alkanes	*	0.000	1.6	9.9	ug/Kg
Total Tics :						0.00		
P3035-11	A4CY1	Solid	1-Methylnaphthalene		7.000	1.3	4.9	ug/Kg

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SDG No.: BN071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3035-11	A4CY1	Solid	2-Methylnaphthalene	9.300		0.5	4.9	ug/Kg
P3035-11	A4CY1	Solid	Acenaphthene	20.000		0.58	4.9	ug/Kg
P3035-11	A4CY1	Solid	Acenaphthylene	35.000		0.69	4.9	ug/Kg
P3035-11	A4CY1	Solid	Anthracene	74.000		0.77	4.9	ug/Kg
P3035-11	A4CY1	Solid	Benzo(a)anthracene	380.000	E	0.62	4.9	ug/Kg
P3035-11	A4CY1	Solid	Benzo(a)pyrene	210.000	E	0.53	4.9	ug/Kg
P3035-11	A4CY1	Solid	Benzo(b)fluoranthene	490.000	E	0.31	4.9	ug/Kg
P3035-11	A4CY1	Solid	Benzo(g,h,i)perylene	28.000		1.4	4.9	ug/Kg
P3035-11	A4CY1	Solid	Benzo(k)fluoranthene	150.000	E	0.58	4.9	ug/Kg
P3035-11	A4CY1	Solid	Chrysene	310.000	E	0.62	4.9	ug/Kg
P3035-11	A4CY1	Solid	Dibenzo(a,h)anthracene	69.000		1.3	4.9	ug/Kg
P3035-11	A4CY1	Solid	Fluoranthene	720.000	E	1	4.9	ug/Kg
P3035-11	A4CY1	Solid	Fluorene	22.000		1	4.9	ug/Kg
P3035-11	A4CY1	Solid	Indeno(1,2,3-cd)pyrene	160.000	E	1.3	4.9	ug/Kg
P3035-11	A4CY1	Solid	Naphthalene	17.000		0.55	4.9	ug/Kg
P3035-11	A4CY1	Solid	Phenanthrene	350.000	E	0.75	4.9	ug/Kg
P3035-11	A4CY1	Solid	Pyrene	490.000	E	0.77	4.9	ug/Kg
Total Svoc :				3,541.30				
Total Concentration:				3,541.30				

Client ID : A4CW9

P3035-14	A4CW9	Solid	Total Alkanes	*	0.000	1.5	9.3	ug/Kg
Total Tics :				0.00				
P3035-14	A4CW9	Solid	1-Methylnaphthalene		3.500	J 1.2	4.6	ug/Kg
P3035-14	A4CW9	Solid	2-Methylnaphthalene		4.700	0.47	4.6	ug/Kg
P3035-14	A4CW9	Solid	Acenaphthene		13.000	0.54	4.6	ug/Kg
P3035-14	A4CW9	Solid	Acenaphthylene		13.000	0.65	4.6	ug/Kg
P3035-14	A4CW9	Solid	Anthracene		40.000	0.72	4.6	ug/Kg
P3035-14	A4CW9	Solid	Benzo(a)anthracene		190.000	E 0.58	4.6	ug/Kg
P3035-14	A4CW9	Solid	Benzo(a)pyrene		100.000	E 0.5	4.6	ug/Kg
P3035-14	A4CW9	Solid	Benzo(b)fluoranthene		220.000	E 0.29	4.6	ug/Kg
P3035-14	A4CW9	Solid	Benzo(g,h,i)perylene		13.000	1.4	4.6	ug/Kg
P3035-14	A4CW9	Solid	Benzo(k)fluoranthene		70.000	0.54	4.6	ug/Kg
P3035-14	A4CW9	Solid	Chrysene		150.000	E 0.58	4.6	ug/Kg
P3035-14	A4CW9	Solid	Dibenzo(a,h)anthracene		32.000	1.2	4.6	ug/Kg
P3035-14	A4CW9	Solid	Fluoranthene		330.000	E 0.94	4.6	ug/Kg
P3035-14	A4CW9	Solid	Fluorene		13.000	0.94	4.6	ug/Kg
P3035-14	A4CW9	Solid	Indeno(1,2,3-cd)pyrene		71.000	1.2	4.6	ug/Kg
P3035-14	A4CW9	Solid	Naphthalene		9.900	0.51	4.6	ug/Kg
P3035-14	A4CW9	Solid	Phenanthrene		180.000	E 0.71	4.6	ug/Kg
P3035-14	A4CW9	Solid	Pyrene		230.000	E 0.72	4.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	1,683.10				
			Total Concentration:	1,683.10				
Client ID : A4CX0								
P3035-15	A4CX0	Solid	Total Alkanes	*	0.000	2.9	18	ug/Kg
			Total Tics :	0.00				
P3035-15	A4CX0	Solid	1-Methylnaphthalene		7.000	J 2.2	8.6	ug/Kg
P3035-15	A4CX0	Solid	2-Methylnaphthalene		8.000	J 0.89	8.6	ug/Kg
P3035-15	A4CX0	Solid	Acenaphthene		27.000	1	8.6	ug/Kg
P3035-15	A4CX0	Solid	Acenaphthylene		38.000	1.2	8.6	ug/Kg
P3035-15	A4CX0	Solid	Anthracene		110.000	1.4	8.6	ug/Kg
P3035-15	A4CX0	Solid	Benzo(a)anthracene		620.000	E 1.1	8.6	ug/Kg
P3035-15	A4CX0	Solid	Benzo(a)pyrene		340.000	E 0.94	8.6	ug/Kg
P3035-15	A4CX0	Solid	Benzo(b)fluoranthene		830.000	E 0.55	8.6	ug/Kg
P3035-15	A4CX0	Solid	Benzo(g,h,i)perylene		45.000	2.6	8.6	ug/Kg
P3035-15	A4CX0	Solid	Benzo(k)fluoranthene		260.000	E 1	8.6	ug/Kg
P3035-15	A4CX0	Solid	Chrysene		540.000	E 1.1	8.6	ug/Kg
P3035-15	A4CX0	Solid	Dibenzo(a,h)anthracene		110.000	2.3	8.6	ug/Kg
P3035-15	A4CX0	Solid	Fluoranthene		1,200.000	E 1.8	8.6	ug/Kg
P3035-15	A4CX0	Solid	Fluorene		31.000	1.8	8.6	ug/Kg
P3035-15	A4CX0	Solid	Indeno(1,2,3-cd)pyrene		260.000	E 2.2	8.6	ug/Kg
P3035-15	A4CX0	Solid	Naphthalene		15.000	0.97	8.6	ug/Kg
P3035-15	A4CX0	Solid	Phenanthrene		580.000	E 1.3	8.6	ug/Kg
P3035-15	A4CX0	Solid	Pyrene		810.000	E 1.4	8.6	ug/Kg
			Total Svoc :	5,831.00				
			Total Concentration:	5,831.00				
Client ID : A4B96								
P3035-18	A4B96	Solid	Total Alkanes	*	0.000	1.2	7.2	ug/Kg
			Total Tics :	0.00				
P3035-18	A4B96	Solid	1-Methylnaphthalene		1.000	J 0.91	3.5	ug/Kg
P3035-18	A4B96	Solid	2-Methylnaphthalene		1.200	J 0.37	3.5	ug/Kg
P3035-18	A4B96	Solid	Acenaphthene		2.500	J 0.42	3.5	ug/Kg
P3035-18	A4B96	Solid	Acenaphthylene		4.300	0.5	3.5	ug/Kg
P3035-18	A4B96	Solid	Anthracene		10.000	0.56	3.5	ug/Kg
P3035-18	A4B96	Solid	Benzo(a)anthracene		47.000	0.45	3.5	ug/Kg
P3035-18	A4B96	Solid	Benzo(a)pyrene		42.000	0.39	3.5	ug/Kg
P3035-18	A4B96	Solid	Benzo(b)fluoranthene		46.000	0.23	3.5	ug/Kg
P3035-18	A4B96	Solid	Benzo(g,h,i)perylene		26.000	1.1	3.5	ug/Kg
P3035-18	A4B96	Solid	Benzo(k)fluoranthene		13.000	0.42	3.5	ug/Kg
P3035-18	A4B96	Solid	Chrysene		28.000	0.45	3.5	ug/Kg
P3035-18	A4B96	Solid	Dibenzo(a,h)anthracene		6.400	0.96	3.5	ug/Kg

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SDG No.: BN071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3035-18	A4B96	Solid	Fluoranthene	68.000	E	0.73	3.5	ug/Kg
P3035-18	A4B96	Solid	Fluorene	2.800	J	0.73	3.5	ug/Kg
P3035-18	A4B96	Solid	Indeno(1,2,3-cd)pyrene	21.000		0.92	3.5	ug/Kg
P3035-18	A4B96	Solid	Naphthalene	1.800	J	0.4	3.5	ug/Kg
P3035-18	A4B96	Solid	Phenanthrene	39.000		0.55	3.5	ug/Kg
P3035-18	A4B96	Solid	Pyrene	69.000	E	0.56	3.5	ug/Kg
Total Svoc :						429.00		
Total Concentration:						429.00		
Client ID : A4CB8								
P3035-20	A4CB8	Solid	Total Alkanes	*	0.000	1.5	8.9	ug/Kg
Total Tics :						0.00		
P3035-20	A4CB8	Solid	1-Methylnaphthalene	2.600	J	1.1	4.4	ug/Kg
P3035-20	A4CB8	Solid	2-Methylnaphthalene	3.200	J	0.45	4.4	ug/Kg
P3035-20	A4CB8	Solid	Acenaphthene	14.000		0.52	4.4	ug/Kg
P3035-20	A4CB8	Solid	Acenaphthylene	13.000		0.62	4.4	ug/Kg
P3035-20	A4CB8	Solid	Anthracene	56.000		0.69	4.4	ug/Kg
P3035-20	A4CB8	Solid	Benzo(a)anthracene	210.000	E	0.56	4.4	ug/Kg
P3035-20	A4CB8	Solid	Benzo(a)pyrene	100.000	E	0.48	4.4	ug/Kg
P3035-20	A4CB8	Solid	Benzo(b)fluoranthene	220.000	E	0.28	4.4	ug/Kg
P3035-20	A4CB8	Solid	Benzo(g,h,i)perylene	11.000		1.3	4.4	ug/Kg
P3035-20	A4CB8	Solid	Benzo(k)fluoranthene	71.000	E	0.52	4.4	ug/Kg
P3035-20	A4CB8	Solid	Chrysene	150.000	E	0.56	4.4	ug/Kg
P3035-20	A4CB8	Solid	Dibenzo(a,h)anthracene	30.000		1.2	4.4	ug/Kg
P3035-20	A4CB8	Solid	Fluoranthene	360.000	E	0.9	4.4	ug/Kg
P3035-20	A4CB8	Solid	Fluorene	16.000		0.9	4.4	ug/Kg
P3035-20	A4CB8	Solid	Indeno(1,2,3-cd)pyrene	66.000		1.1	4.4	ug/Kg
P3035-20	A4CB8	Solid	Naphthalene	4.700		0.49	4.4	ug/Kg
P3035-20	A4CB8	Solid	Phenanthrene	230.000	E	0.68	4.4	ug/Kg
P3035-20	A4CB8	Solid	Pyrene	240.000	E	0.69	4.4	ug/Kg
Total Svoc :						1,797.50		
Total Concentration:						1,797.50		
Client ID : A4CB9								
P3035-21	A4CB9	Solid	Total Alkanes	*	0.000	1.3	8	ug/Kg
Total Tics :						0.00		
P3035-21	A4CB9	Solid	1-Methylnaphthalene	1.800	J	1	3.9	ug/Kg
P3035-21	A4CB9	Solid	2-Methylnaphthalene	2.400	J	0.41	3.9	ug/Kg
P3035-21	A4CB9	Solid	Acenaphthene	9.000		0.47	3.9	ug/Kg
P3035-21	A4CB9	Solid	Acenaphthylene	9.100		0.56	3.9	ug/Kg
P3035-21	A4CB9	Solid	Anthracene	31.000		0.62	3.9	ug/Kg
P3035-21	A4CB9	Solid	Benzo(a)anthracene	130.000	E	0.5	3.9	ug/Kg

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SDG No.: BN071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3035-21	A4CB9	Solid	Benzo(a)pyrene	65.000	E	0.43	3.9	ug/Kg
P3035-21	A4CB9	Solid	Benzo(b)fluoranthene	140.000	E	0.25	3.9	ug/Kg
P3035-21	A4CB9	Solid	Benzo(g,h,i)perylene	7.300		1.2	3.9	ug/Kg
P3035-21	A4CB9	Solid	Benzo(k)fluoranthene	40.000		0.47	3.9	ug/Kg
P3035-21	A4CB9	Solid	Chrysene	89.000	E	0.5	3.9	ug/Kg
P3035-21	A4CB9	Solid	Dibenzo(a,h)anthracene	18.000		1.1	3.9	ug/Kg
P3035-21	A4CB9	Solid	Fluoranthene	230.000	E	0.81	3.9	ug/Kg
P3035-21	A4CB9	Solid	Fluorene	9.900		0.81	3.9	ug/Kg
P3035-21	A4CB9	Solid	Indeno(1,2,3-cd)pyrene	42.000		1	3.9	ug/Kg
P3035-21	A4CB9	Solid	Naphthalene	3.900		0.44	3.9	ug/Kg
P3035-21	A4CB9	Solid	Phenanthrene	130.000	E	0.61	3.9	ug/Kg
P3035-21	A4CB9	Solid	Pyrene	160.000	E	0.62	3.9	ug/Kg
Total Svoc :				1,118.40				
Total Concentration:				1,118.40				

Client ID : A4CC0

P3035-22	A4CC0	Solid	Total Alkanes	*	0.000	1.2	7.1	ug/Kg
Total Tics :				0.00				
P3035-22	A4CC0	Solid	Acenaphthene		0.740	J	0.41	ug/Kg
P3035-22	A4CC0	Solid	Acenaphthylene		3.600		0.5	ug/Kg
P3035-22	A4CC0	Solid	Anthracene		5.100		0.55	ug/Kg
P3035-22	A4CC0	Solid	Benzo(a)anthracene		28.000		0.45	ug/Kg
P3035-22	A4CC0	Solid	Benzo(a)pyrene		26.000		0.38	ug/Kg
P3035-22	A4CC0	Solid	Benzo(b)fluoranthene		32.000		0.22	ug/Kg
P3035-22	A4CC0	Solid	Benzo(g,h,i)perylene		16.000		1	ug/Kg
P3035-22	A4CC0	Solid	Benzo(k)fluoranthene		9.300		0.41	ug/Kg
P3035-22	A4CC0	Solid	Chrysene		17.000		0.45	ug/Kg
P3035-22	A4CC0	Solid	Dibenzo(a,h)anthracene		4.400		0.94	ug/Kg
P3035-22	A4CC0	Solid	Fluoranthene		40.000		0.72	ug/Kg
P3035-22	A4CC0	Solid	Fluorene		0.920	J	0.72	ug/Kg
P3035-22	A4CC0	Solid	Indeno(1,2,3-cd)pyrene		14.000		0.91	ug/Kg
P3035-22	A4CC0	Solid	Naphthalene		1.100	J	0.39	ug/Kg
P3035-22	A4CC0	Solid	Phenanthrene		18.000		0.54	ug/Kg
P3035-22	A4CC0	Solid	Pyrene		34.000		0.55	ug/Kg
Total Svoc :				250.16				
Total Concentration:				250.16				

Client ID : A4CE1

P3102-02	A4CE1	Solid	Total Alkanes	*	0.000	1.2	7.3	ug/Kg
Total Tics :				0.00				
P3102-02	A4CE1	Solid	1-Methylnaphthalene		8.000		0.93	ug/Kg
P3102-02	A4CE1	Solid	2-Methylnaphthalene		10.000		0.37	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN071224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3102-02	A4CE1	Solid	Acenaphthene	28.000		0.43	3.6	ug/Kg
P3102-02	A4CE1	Solid	Acenaphthylene	27.000		0.51	3.6	ug/Kg
P3102-02	A4CE1	Solid	Anthracene	87.000	E	0.57	3.6	ug/Kg
P3102-02	A4CE1	Solid	Benzo(a)anthracene	390.000	E	0.46	3.6	ug/Kg
P3102-02	A4CE1	Solid	Benzo(a)pyrene	210.000	E	0.39	3.6	ug/Kg
P3102-02	A4CE1	Solid	Benzo(b)fluoranthene	500.000	E	0.23	3.6	ug/Kg
P3102-02	A4CE1	Solid	Benzo(g,h,i)perylene	27.000		1.1	3.6	ug/Kg
P3102-02	A4CE1	Solid	Benzo(k)fluoranthene	160.000	E	0.43	3.6	ug/Kg
P3102-02	A4CE1	Solid	Chrysene	310.000	E	0.46	3.6	ug/Kg
P3102-02	A4CE1	Solid	Dibenzo(a,h)anthracene	65.000	E	0.97	3.6	ug/Kg
P3102-02	A4CE1	Solid	Fluoranthene	800.000	E	0.74	3.6	ug/Kg
P3102-02	A4CE1	Solid	Fluorene	29.000		0.74	3.6	ug/Kg
P3102-02	A4CE1	Solid	Indeno(1,2,3-cd)pyrene	150.000	E	0.94	3.6	ug/Kg
P3102-02	A4CE1	Solid	Naphthalene	15.000		0.41	3.6	ug/Kg
P3102-02	A4CE1	Solid	Phenanthrene	380.000	E	0.56	3.6	ug/Kg
P3102-02	A4CE1	Solid	Pyrene	540.000	E	0.57	3.6	ug/Kg
Total Svoc :				3,736.00				
Total Concentration:				3,736.00				
Client ID : YDZF8								
P3138-02	YDZF8	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P3138-02	YDZF8	Water	1,4-Dioxane	0.120	J	0.031	0.2	ug/L
Total Svoc :				0.12				
Total Concentration:				0.12				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG No.: BN071224
Instrument ID: _____ Calibration Date(s): 7/11/2024 : _____
Calibration Time(s): 09:16 _____

LAB FILE ID:		RRFAL1 = BN032626.D			RRFAL2 = BN032627.D		RRFAL3 = BN032628.D	
		RRFAL4 = BN032629.D			RRFAL5 = BN032630.D		RRFAL6 = BN032631.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.583	0.585	0.560	0.504	0.503	0.547	7.4
1,4-Dioxane-d8		0.487	0.508	0.500	0.455	0.452	0.480	5.3
Naphthalene	1.103	1.068	1.065	1.090	1.044		1.074	2.1
1-Methylnaphthalene	0.608	0.672	0.696	0.750	0.739		0.693	8.2
2-Methylnaphthalene	0.591	0.643	0.683	0.725	0.711		0.670	8.1
Acenaphthylene	1.531	1.588	1.592	1.694	1.675		1.616	4.2
Acenaphthene	1.329	1.334	1.326	1.378	1.314		1.336	1.8
Fluorene	1.455	1.510	1.525	1.604	1.544		1.528	3.6
Pentachlorophenol		0.063	0.061	0.067	0.073	0.087	0.070	15.2
Phenanthrene	1.075	1.056	1.067	1.135	1.114		1.089	3.1
Anthracene	0.784	0.849	0.880	0.956	0.981		0.890	9.0
Fluoranthene	1.713	1.614	1.561	1.637	1.607		1.626	3.4
Pyrene	1.816	1.681	1.614	1.673	1.632		1.683	4.7
Benzo(a)anthracene	1.224	1.233	1.200	1.340	1.369		1.273	5.9
Chrysene	2.127	1.907	1.780	1.791	1.605		1.842	10.4
Benzo(b)fluoranthene	1.363	1.381	1.309	1.503	1.501		1.411	6.1
Benzo(k)fluoranthene	1.903	1.659	1.680	1.708	1.650		1.720	6.1
Benzo(a)pyrene	1.271	1.199	1.172	1.243	1.222		1.221	3.2
Indeno(1,2,3-cd)pyrene	1.792	1.641	1.539	1.694	1.602		1.654	5.8
Dibenzo(a,h)anthracene	1.406	1.265	1.191	1.311	1.236		1.282	6.4
Benzo(g,h,i)perylene	1.587	1.388	1.281	1.378	1.276		1.382	9.1
Fluoranthene-d10	1.390	1.300	1.252	1.304	1.272		1.304	4.1
2-Methylnaphthalene-d10	0.622	0.569	0.598	0.626	0.607		0.605	3.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG NO.: BN071224

EPA Sample No.: SSTD0.4239

Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BN032628.D

Time Analyzed: 12:53

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	4009	7.578	13071	10.36	8475	14.22
	UPPER LIMIT	8018	8.078	26142	10.86	16950	14.716
	LOWER LIMIT	2004.5	7.078	6535.5	9.86	4237.5	13.716
	EPA SAMPLE NO.						
01	SICV243	4855	7.57	15125	10.35	9758	14.22
02	SBLK826	5168	7.56	17511	10.33	11418	14.21
03	SBLK917	5794	7.56	19677	10.33	12875	14.21
04	SLCS917	3963	7.58	13008	10.37	8501	14.22
05	SBLK755	6302	7.56	20542	10.33	12441	14.21
06	A4CE1	5586	7.56	18992	10.33	11795	14.21
07	A4CE1MS	5749	7.56	19903	10.33	12100	14.20
08	A4CE1MSD	5799	7.56	19936	10.33	11726	14.20
09	A4CX3	7737	7.56	24731	10.33	14467	14.20
10	A4CW2	7496	7.56	23900	10.33	13558	14.21
11	A4CW2MS	7348	7.56	23552	10.33	12670	14.20
12	A4CW2MSD	6859	7.56	22254	10.33	12351	14.21
13	A4CY1	7676	7.56	24591	10.33	14147	14.21
14	A4CX0	7312	7.56	23327	10.33	13098	14.21
15	A4B96	7706	7.56	24531	10.33	13564	14.21
16	A4CW9	7983	7.56	25748	10.33	14237	14.21
17	A4CX1	7251	7.56	21490	10.33	10972	14.21
18	A4CX4	6730	7.56	19397	10.33	10101	14.21
19	A4CX7	6557	7.56	19548	10.33	10165	14.21
20	A4CB8	6677	7.56	19729	10.33	10295	14.21
21	SLCS826	5535	7.56	16618	10.33	8619	14.21
22	SBLK731	9727 *	7.55	31182 *	10.32	16795	14.20
23	A4CB9	8094 *	7.55	25694	10.32	13860	14.20

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG NO.: BN071224

EPA Sample No.: SSTD0.4239 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BN032628.D Time Analyzed: 04:35

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	4009	7.578	13071	10.36	8475	14.22
UPPER LIMIT	8018	8.078	26142	10.86	16950	14.716
LOWER LIMIT	2004.5	7.078	6535.5	9.86	4237.5	13.716
EPA SAMPLE NO.						
24 A4CC0	8729 *	7.55	27268 *	10.33	14596	14.20
25 SBLK902	7401	7.55	23658	10.32	12922	14.20
26 YDZF8	6496	7.55	21196	10.32	12746	14.20
27 YDZF8MS	5548	7.56	17631	10.33	9843	14.20
28 YDZF8MSD	6653	7.56	22109	10.33	12889	14.20
29 SLCS902	6700	7.56	22710	10.33	12542	14.20

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.



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG NO.: BN071224

EPA Sample No.: SSTD0.4254 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BN032636.D Time Analyzed: 15:55

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	3593	7.591	12265	10.37	7904	14.22
	UPPER LIMIT	7186	8.091	24530	10.865	15808	14.721
	LOWER LIMIT	1796.5	7.091	6132.5	9.865	3952	13.721
	EPA SAMPLE NO.						
01	SBLK755	6302	7.56	20542	10.33	12441	14.21
02	A4CE1	5586	7.56	18992	10.33	11795	14.21
03	A4CE1MS	5749	7.56	19903	10.33	12100	14.20
04	A4CE1MSD	5799	7.56	19936	10.33	11726	14.20
05	A4CX3	7737 *	7.56	24731 *	10.33	14467	14.20
06	A4CW2	7496 *	7.56	23900	10.33	13558	14.21
07	A4CW2MS	7348 *	7.56	23552	10.33	12670	14.20
08	A4CW2MSD	6859	7.56	22254	10.33	12351	14.21
09	A4CY1	7676 *	7.56	24591 *	10.33	14147	14.21
10	A4CX0	7312 *	7.56	23327	10.33	13098	14.21
11	A4B96	7706 *	7.56	24531 *	10.33	13564	14.21
12	A4CW9	7983 *	7.56	25748 *	10.33	14237	14.21
13	A4CX1	7251 *	7.56	21490	10.33	10972	14.21
14	A4CX4	6730	7.56	19397	10.33	10101	14.21
15	A4CX7	6557	7.56	19548	10.33	10165	14.21
16	A4CB8	6677	7.56	19729	10.33	10295	14.21
17	SLCS826	5535	7.56	16618	10.33	8619	14.21



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG NO.: BN071224

EPA Sample No.: SSTD0.4254 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BN032636.D Time Analyzed: 01:34

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	3593	7.591	12265	10.37	7904	14.22
UPPER LIMIT	7186	8.091	24530	10.865	15808	14.721
LOWER LIMIT	1796.5	7.091	6132.5	9.865	3952	13.721
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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG NO.: BN071224

EPA Sample No.: SSTD0.4255 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BN032654.D Time Analyzed: 03:23

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	5427	7.561	17010	10.33	8628	14.21
UPPER LIMIT	10854	8.061	34020	10.832	17256	14.707
LOWER LIMIT	2713.5	7.061	8505	9.832	4314	13.707
EPA SAMPLE NO.						
01 SBLK731	9727	7.55	31182	10.32	16795	14.20
02 A4CB9	8094	7.55	25694	10.32	13860	14.20
03 A4CC0	8729	7.55	27268	10.33	14596	14.20
04 SBLK902	7401	7.55	23658	10.32	12922	14.20
05 YDZF8	6496	7.55	21196	10.32	12746	14.20
06 YDZF8MS	5548	7.56	17631	10.33	9843	14.20
07 YDZF8MSD	6653	7.56	22109	10.33	12889	14.20
08 SLCS902	6700	7.56	22710	10.33	12542	14.20

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG NO.: BN071224

EPA Sample No.: SSTD0.4239 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BN032628.D Time Analyzed: 12:53

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	18870	16.991	15447	21.194	15389	23.398
	UPPER LIMIT	37740	17.491	30894	21.694	30778	23.898
	LOWER LIMIT	9435	16.491	7723.5	20.694	7694.5	22.898
	EPA SAMPLE NO.						
01	SICV243	20125	16.98	14911	21.20	14997	23.40
02	SBLK826	24576	16.96	18634	21.20	13118	23.38
03	SBLK917	27698	16.97	20535	21.20	14932	23.38
04	SLCS917	18872	16.99	15399	21.20	15446	23.40
05	SBLK755	24417	16.97	16423	21.21	12988	23.39
06	A4CE1	25736	16.96	15939	21.17	15534	23.37
07	A4CE1MS	25407	16.96	15187	21.18	17954	23.37
08	A4CE1MSD	22934	16.96	13893	21.17	19562	23.37
09	A4CX3	25830	16.96	15588	21.18	17617	23.37
10	A4CW2	24420	16.96	14640	21.17	17797	23.37
11	A4CW2MS	23253	16.96	14850	21.17	20628	23.37
12	A4CW2MSD	23151	16.96	13756	21.17	19517	23.37
13	A4CY1	24795	16.96	15227	21.17	18015	23.37
14	A4CX0	21785	16.96	14374	21.17	16806	23.37
15	A4B96	22648	16.97	16010	21.17	17439	23.37
16	A4CW9	25799	16.96	15992	21.17	18116	23.37
17	A4CX1	19651	16.96	16142	21.17	17833	23.37
18	A4CX4	18947	16.96	16355	21.17	17269	23.37
19	A4CX7	19348	16.96	15285	21.17	17399	23.37
20	A4CB8	19147	16.96	15248	21.17	17063	23.37
21	SLCS826	15334	16.97	13848	21.18	16810	23.37

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG NO.: BN071224

EPA Sample No.: SSTD0.4239 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BN032628.D Time Analyzed: 03:23

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	18870	16.991	15447	21.194	15389	23.398
UPPER LIMIT	37740	17.491	30894	21.694	30778	23.898
LOWER LIMIT	9435	16.491	7723.5	20.694	7694.5	22.898
EPA SAMPLE NO.						
22 SBLK731	27577	16.96	20085	21.18	21606	23.37
23 A4CB9	24407	16.96	17190	21.17	18785	23.37
24 A4CC0	24697	16.96	19174	21.17	20876	23.36
25 SBLK902	22749	16.96	15767	21.18	15633	23.37
26 YDZF8	21134	16.96	14134	21.17	14749	23.36
27 YDZF8MS	16543	16.96	13125	21.17	15487	23.37
28 YDZF8MSD	21184	16.96	15088	21.17	17848	23.37
29 SLCS902	20176	16.97	14405	21.18	17745	23.37

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG NO.: BN071224

EPA Sample No.: SSTD0.4254 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BN032636.D Time Analyzed: 15:55

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	17452	16.991	13981	21.2	14094	23.403
	UPPER LIMIT	34904	17.491	27962	21.7	28188	23.903
	LOWER LIMIT	8726	16.491	6990.5	20.7	7047	22.903
	EPA SAMPLE NO.						
01	SBLK755	24417	16.97	16423	21.21	12988	23.39
02	A4CE1	25736	16.96	15939	21.17	15534	23.37
03	A4CE1MS	25407	16.96	15187	21.18	17954	23.37
04	A4CE1MSD	22934	16.96	13893	21.17	19562	23.37
05	A4CX3	25830	16.96	15588	21.18	17617	23.37
06	A4CW2	24420	16.96	14640	21.17	17797	23.37
07	A4CW2MS	23253	16.96	14850	21.17	20628	23.37
08	A4CW2MSD	23151	16.96	13756	21.17	19517	23.37
09	A4CY1	24795	16.96	15227	21.17	18015	23.37
10	A4CX0	21785	16.96	14374	21.17	16806	23.37
11	A4B96	22648	16.97	16010	21.17	17439	23.37
12	A4CW9	25799	16.96	15992	21.17	18116	23.37
13	A4CX1	19651	16.96	16142	21.17	17833	23.37
14	A4CX4	18947	16.96	16355	21.17	17269	23.37
15	A4CX7	19348	16.96	15285	21.17	17399	23.37
16	A4CB8	19147	16.96	15248	21.17	17063	23.37
17	SLCS826	15334	16.97	13848	21.18	16810	23.37

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG NO.: BN071224

EPA Sample No.: SSTD0.4254 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BN032636.D Time Analyzed: 01:34

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	17452	16.991	13981	21.2	14094	23.403
UPPER LIMIT	34904	17.491	27962	21.7	28188	23.903
LOWER LIMIT	8726	16.491	6990.5	20.7	7047	22.903
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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN071224 SAS No.: BN071224 SDG NO.: BN071224

EPA Sample No.: SSTD0.4255 Date Analyzed: Jul 12 2024 12:00AM

Lab File ID: BN032654.D Time Analyzed: 03:23

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	15609	16.97	13288	21.177	16610	23.371
UPPER LIMIT	31218	17.47	26576	21.677	33220	23.871
LOWER LIMIT	7804.5	16.47	6644	20.677	8305	22.871
EPA SAMPLE NO.						
01 SBLK731	27577	16.96	20085	21.18	21606	23.37
02 A4CB9	24407	16.96	17190	21.17	18785	23.37
03 A4CC0	24697	16.96	19174	21.17	20876	23.36
04 SBLK902	22749	16.96	15767	21.18	15633	23.37
05 YDZF8	21134	16.96	14134	21.17	14749	23.36
06 YDZF8MS	16543	16.96	13125	21.17	15487	23.37
07 YDZF8MSD	21184	16.96	15088	21.17	17848	23.37
08 SLCS902	20176	16.97	14405	21.18	17745	23.37

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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN071224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
SSTDICV0.4	1,4-Dioxane	0.4	0	ug/L	0				0	0		
	Naphthalene	0.4	0	ug/L	0				0	0		
	1-Methylnaphthalene	0.4	0	ug/L	0				0	0		
	2-Methylnaphthalene	0.4	0	ug/L	0				0	0		
	Acenaphthylene	0.4	0	ug/L	0				0	0		
	Acenaphthene	0.4	0	ug/L	0				0	0		
	Fluorene	0.4	0	ug/L	0				0	0		
	Pentachlorophenol	0.4	0	ug/L	0				0	0		
	Phenanthrene	0.4	0	ug/L	0				0	0		
	Anthracene	0.4	0	ug/L	0				0	0		
	Fluoranthene	0.4	0	ug/L	0				0	0		
	Pyrene	0.4	0	ug/L	0				0	0		
	Benzo(a)anthracene	0.4	0	ug/L	0				0	0		
	Chrysene	0.4	0	ug/L	0				0	0		
	Benzo(b)fluoranthene	0.4	0	ug/L	0				0	0		
	Benzo(k)fluoranthene	0.4	0	ug/L	0				0	0		
	Benzo(a)pyrene	0.4	0	ug/L	0				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0	ug/L	0				0	0		
	Dibenzo(a,h)anthracene	0.4	0	ug/L	0				0	0		
	Benzo(g,h,i)perylene	0.4	0	ug/L	0				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN071224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161826BS	1,4-Dioxane	2	1.6	ug/L	80				0	0	
	Naphthalene	0.4	0.37	ug/L	93				0	0	
	1-Methylnaphthalene	0.4	0.34	ug/L	85				0	0	
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0	
	Acenaphthylene	0.4	0.43	ug/L	108				0	0	
	Acenaphthene	0.4	0.37	ug/L	93				0	0	
	Fluorene	0.4	0.34	ug/L	85				0	0	
	Pentachlorophenol	0.8	0.93	ug/L	116				0	0	
	Phenanthrene	0.4	0.38	ug/L	95				0	0	
	Anthracene	0.4	0.44	ug/L	110				0	0	
	Fluoranthene	0.4	0.35	ug/L	88				0	0	
	Pyrene	0.4	0.36	ug/L	90				0	0	
	Benzo(a)anthracene	0.4	0.44	ug/L	110				0	0	
	Chrysene	0.4	0.35	ug/L	88				0	0	
	Benzo(b)fluoranthene	0.4	0.35	ug/L	88				0	0	
	Benzo(k)fluoranthene	0.4	0.33	ug/L	83				0	0	
	Benzo(a)pyrene	0.4	0.42	ug/L	105				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				0	0	
	Dibenzo(a,h)anthracene	0.4	0.41	ug/L	103				0	0	
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN071224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161902BS	1,4-Dioxane	2	1.4	ug/L	70				0	0	
	Naphthalene	0.4	0.34	ug/L	85				0	0	
	1-Methylnaphthalene	0.4	0.33	ug/L	83				0	0	
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0	
	Acenaphthylene	0.4	0.36	ug/L	90				0	0	
	Acenaphthene	0.4	0.34	ug/L	85				0	0	
	Fluorene	0.4	0.3	ug/L	75				0	0	
	Pentachlorophenol	0.8	0.72	ug/L	90				0	0	
	Phenanthrene	0.4	0.34	ug/L	85				0	0	
	Anthracene	0.4	0.37	ug/L	93				0	0	
	Fluoranthene	0.4	0.34	ug/L	85				0	0	
	Pyrene	0.4	0.34	ug/L	85				0	0	
	Benzo(a)anthracene	0.4	0.38	ug/L	95				0	0	
	Chrysene	0.4	0.32	ug/L	80				0	0	
	Benzo(b)fluoranthene	0.4	0.31	ug/L	78				0	0	
	Benzo(k)fluoranthene	0.4	0.29	ug/L	73				0	0	
	Benzo(a)pyrene	0.4	0.37	ug/L	93				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.36	ug/L	90				0	0	
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0	
	Benzo(g,h,i)perylene	0.4	0.34	ug/L	85				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN071224

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161917BS	1,4-Dioxane	66.7	58	ug/Kg	87				0	0	
	Naphthalene	13.3	12	ug/Kg	90				0	0	
	1-Methylnaphthalene	13.3	11	ug/Kg	83				0	0	
	2-Methylnaphthalene	13.3	12	ug/Kg	90				0	0	
	Acenaphthylene	13.3	11	ug/Kg	83				0	0	
	Acenaphthene	13.3	12	ug/Kg	90				0	0	
	Fluorene	13.3	11	ug/Kg	83				0	0	
	Pentachlorophenol	26.7	20	ug/Kg	75				0	0	
	Phenanthrene	13.3	11	ug/Kg	83				0	0	
	Anthracene	13.3	11	ug/Kg	83				0	0	
	Fluoranthene	13.3	11	ug/Kg	83				0	0	
	Pyrene	13.3	12	ug/Kg	90				0	0	
	Benzo(a)anthracene	13.3	11	ug/Kg	83				0	0	
	Chrysene	13.3	12	ug/Kg	90				0	0	
	Benzo(b)fluoranthene	13.3	11	ug/Kg	83				0	0	
	Benzo(k)fluoranthene	13.3	12	ug/Kg	90				0	0	
	Benzo(a)pyrene	13.3	13	ug/Kg	98				0	0	
	Indeno(1,2,3-cd)pyrene	13.3	12	ug/Kg	90				0	0	
	Dibenzo(a,h)anthracene	13.3	12	ug/Kg	90				0	0	
	Benzo(g,h,i)perylene	13.3	12	ug/Kg	90				0	0	



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Fax : 908 789 8922

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK731

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN071224

SAS No.: BN071224 SDG NO.: BN071224

Lab File ID: BN032655.D

Lab Sample ID: PB161731BL

Instrument ID: BNA_N

Date Extracted: 06/25/2024

Matrix: (soil/water) Water

Date Analyzed: 07/12/2024

Level: (low/med) LOW

Time Analyzed: 03:23

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK755

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN071224

SAS No.: BN071224 SDG NO.: BN071224

Lab File ID: BN032637.D

Lab Sample ID: PB161755BL

Instrument ID: BNA_N

Date Extracted: 06/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/11/2024

Level: (low/med) LOW

Time Analyzed: 15:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CB9	P3035-21	BN032656.D	07/12/2024
A4CC0	P3035-22	BN032657.D	07/12/2024
A4CX3	P3035-07	BN032641.D	07/11/2024
A4CW2	P3035-01	BN032642.D	07/11/2024
A4CW2MS	P3035-02MS	BN032643.D	07/11/2024
A4CW2MSD	P3035-03MSD	BN032644.D	07/11/2024
A4CY1	P3035-11	BN032645.D	07/11/2024
A4CX0	P3035-15	BN032646.D	07/11/2024
A4B96	P3035-18	BN032647.D	07/11/2024
A4CW9	P3035-14	BN032648.D	07/11/2024
A4CX1	P3035-06	BN032649.D	07/11/2024
A4CX4	P3035-08	BN032650.D	07/11/2024
A4CX7	P3035-09	BN032651.D	07/12/2024
A4CB8	P3035-20	BN032652.D	07/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK826

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN071224

SAS No.: BN071224 SDG NO.: BN071224

Lab File ID: BN032633.D

Lab Sample ID: PB161826BL

Instrument ID: BNA_N

Date Extracted: 06/27/2024

Matrix: (soil/water) Water

Date Analyzed: 07/11/2024

Level: (low/med) LOW

Time Analyzed: 13:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161826BS	PB161826BS	BN032653.D	07/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK902

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN071224

SAS No.: BN071224 SDG NO.: BN071224

Lab File ID: BN032658.D

Lab Sample ID: PB161902BL

Instrument ID: BNA_N

Date Extracted: 07/01/2024

Matrix: (soil/water) Water

Date Analyzed: 07/12/2024

Level: (low/med) LOW

Time Analyzed: 05:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YDZF8	P3138-02	BN032659.D	07/12/2024
YDZF8MS	P3138-03MS	BN032660.D	07/12/2024
YDZF8MSD	P3138-04MSD	BN032661.D	07/12/2024
PB161902BS	PB161902BS	BN032662.D	07/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK917

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN071224

SAS No.: BN071224 SDG NO.: BN071224

Lab File ID: BN032634.D

Lab Sample ID: PB161917BL

Instrument ID: BNA_N

Date Extracted: 07/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/11/2024

Level: (low/med) LOW

Time Analyzed: 14:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161917BS	PB161917BS	BN032635.D	07/11/2024
A4CE1	P3102-02	BN032638.D	07/11/2024
A4CE1MS	P3102-03MS	BN032639.D	07/11/2024
A4CE1MSD	P3102-04MSD	BN032640.D	07/11/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN071224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3102-03MS	Client Sample ID:	A4CE1MS					DataFile:	BN032639.D		
1,4-Dioxane	72.9		28	ug/Kg	38				15	120	
Naphthalene	14.6	15	21	ug/Kg	41				0	0	
1-Methylnaphthalene	14.6	8	17	ug/Kg	62				0	0	
2-Methylnaphthalene	14.6	10	19	ug/Kg	62				0	0	
Acenaphthylene	14.6	27	33	ug/Kg	41				0	0	
Acenaphthene	14.6	28	30	ug/Kg	14	*			31	137	
Fluorene	14.6	29	35	ug/Kg	41				0	0	
Pentachlorophenol	29.2		27	ug/Kg	92				17	109	
Phenanthrene	14.6	380	330	ug/Kg	-342				0	0	
Anthracene	14.6	87	84	ug/Kg	-21				0	0	
Fluoranthene	14.6	800	660	ug/Kg	-959				0	0	
Pyrene	14.6	540	400	ug/Kg	-959	*			35	142	
Benzo(a)anthracene	14.6	390	320	ug/Kg	-479				0	0	
Chrysene	14.6	310	260	ug/Kg	-342				0	0	
Benzo(b)fluoranthene	14.6	500	350	ug/Kg	-1027				0	0	
Benzo(k)fluoranthene	14.6	160	120	ug/Kg	-274				0	0	
Benzo(a)pyrene	14.6	210	140	ug/Kg	-479				0	0	
Indeno(1,2,3-cd)pyrene	14.6	150	110	ug/Kg	-274				0	0	
Dibenzo(a,h)anthracene	14.6	65	55	ug/Kg	-68				0	0	
Benzo(g,h,i)perylene	14.6	27	45	ug/Kg	123				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN071224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3102-04MSD	Client Sample ID:	A4CE1MSD					DataFile:	BN032640.D		
1,4-Dioxane	72.8		28	ug/Kg	38		0		15	120	50
Naphthalene	14.6	15	21	ug/Kg	41		0		0	0	0
1-Methylnaphthalene	14.6	8	18	ug/Kg	68		9	*	0	0	0
2-Methylnaphthalene	14.6	10	20	ug/Kg	68		9	*	0	0	0
Acenaphthylene	14.6	27	34	ug/Kg	48		16	*	0	0	0
Acenaphthene	14.6	28	31	ug/Kg	21	*	40	*	31	137	19
Fluorene	14.6	29	34	ug/Kg	34		19	*	0	0	0
Pentachlorophenol	29.1		28	ug/Kg	96		4		17	109	47
Phenanthrene	14.6	380	340	ug/Kg	-274		22	*	0	0	0
Anthracene	14.6	87	86	ug/Kg	-7		100	*	0	0	0
Fluoranthene	14.6	800	640	ug/Kg	-1096		13	*	0	0	0
Pyrene	14.6	540	390	ug/Kg	-1027	*	7		35	142	36
Benzo(a)anthracene	14.6	390	330	ug/Kg	-411		15	*	0	0	0
Chrysene	14.6	310	260	ug/Kg	-342		0		0	0	0
Benzo(b)fluoranthene	14.6	500	320	ug/Kg	-1233		18	*	0	0	0
Benzo(k)fluoranthene	14.6	160	97	ug/Kg	-432		45	*	0	0	0
Benzo(a)pyrene	14.6	210	130	ug/Kg	-548		13	*	0	0	0
Indeno(1,2,3-cd)pyrene	14.6	150	98	ug/Kg	-356		26	*	0	0	0
Dibenzo(a,h)anthracene	14.6	65	51	ug/Kg	-96		34	*	0	0	0
Benzo(g,h,i)perylene	14.6	27	42	ug/Kg	103		18	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN071224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3035-02MS	Client Sample ID:	A4CW2MS					DataFile:	BN032643.D		
1,4-Dioxane	87.7		55	ug/Kg	63				15	120	
Naphthalene	17.5	18	40	ug/Kg	126				0	0	
1-Methylnaphthalene	17.5	6.7	25	ug/Kg	105				0	0	
2-Methylnaphthalene	17.5	10	31	ug/Kg	120				0	0	
Acenaphthylene	17.5	31	61	ug/Kg	171				0	0	
Acenaphthene	17.5	18	44	ug/Kg	149	*			31	137	
Fluorene	17.5	19	41	ug/Kg	126				0	0	
Pentachlorophenol	35.1		52	ug/Kg	148	*			17	109	
Phenanthrene	17.5	310	460	ug/Kg	857				0	0	
Anthracene	17.5	67	120	ug/Kg	303				0	0	
Fluoranthene	17.5	750	1000	ug/Kg	1429				0	0	
Pyrene	17.5	510	710	ug/Kg	1143	*			35	142	
Benzo(a)anthracene	17.5	400	580	ug/Kg	1029				0	0	
Chrysene	17.5	350	480	ug/Kg	743				0	0	
Benzo(b)fluoranthene	17.5	530	670	ug/Kg	800				0	0	
Benzo(k)fluoranthene	17.5	170	210	ug/Kg	229				0	0	
Benzo(a)pyrene	17.5	220	270	ug/Kg	286				0	0	
Indeno(1,2,3-cd)pyrene	17.5	170	220	ug/Kg	286				0	0	
Dibenzo(a,h)anthracene	17.5	76	110	ug/Kg	194				0	0	
Benzo(g,h,i)perylene	17.5	32	37	ug/Kg	29				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN071224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3035-03MSD	Client Sample ID:	A4CW2MSD					DataFile:	BN032644.D		
1,4-Dioxane	87.8		61	ug/Kg	69		9		15	120	50
Naphthalene	17.6	18	45	ug/Kg	153		19	*	0	0	0
1-Methylnaphthalene	17.6	6.7	29	ug/Kg	127		19	*	0	0	0
2-Methylnaphthalene	17.6	10	35	ug/Kg	142		17	*	0	0	0
Acenaphthylene	17.6	31	70	ug/Kg	222		26	*	0	0	0
Acenaphthene	17.6	18	50	ug/Kg	182	*	20	*	31	137	19
Fluorene	17.6	19	48	ug/Kg	165		27	*	0	0	0
Pentachlorophenol	35.1		59	ug/Kg	168	*	13		17	109	47
Phenanthrene	17.6	310	510	ug/Kg	1136		28	*	0	0	0
Anthracene	17.6	67	130	ug/Kg	358		17	*	0	0	0
Fluoranthene	17.6	750	1200	ug/Kg	2557		57	*	0	0	0
Pyrene	17.6	510	820	ug/Kg	1761	*	43	*	35	142	36
Benzo(a)anthracene	17.6	400	650	ug/Kg	1420		32	*	0	0	0
Chrysene	17.6	350	550	ug/Kg	1136		42	*	0	0	0
Benzo(b)fluoranthene	17.6	530	750	ug/Kg	1250		44	*	0	0	0
Benzo(k)fluoranthene	17.6	170	220	ug/Kg	284		21	*	0	0	0
Benzo(a)pyrene	17.6	220	300	ug/Kg	455		46	*	0	0	0
Indeno(1,2,3-cd)pyrene	17.6	170	240	ug/Kg	398		33	*	0	0	0
Dibenzo(a,h)anthracene	17.6	76	120	ug/Kg	250		25	*	0	0	0
Benzo(g,h,i)perylene	17.6	32	42	ug/Kg	57		65	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN071224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3138-03MS	Client Sample ID:	YDZF8MS					DataFile:	BN032660.D		
1,4-Dioxane	2	0.12	0.77	ug/L	33				15	120	
Naphthalene	0.4		0.38	ug/L	95				0	0	
1-Methylnaphthalene	0.4		0.37	ug/L	93				0	0	
2-Methylnaphthalene	0.4		0.39	ug/L	98				0	0	
Acenaphthylene	0.4		0.39	ug/L	98				0	0	
Acenaphthene	0.4		0.36	ug/L	90				46	118	
Fluorene	0.4		0.34	ug/L	85				0	0	
Pentachlorophenol	0.8		1.6	ug/L	200	*			9	103	
Phenanthrene	0.4		0.44	ug/L	110				0	0	
Anthracene	0.4		0.51	ug/L	128				0	0	
Fluoranthene	0.4		0.42	ug/L	105				0	0	
Pyrene	0.4		0.43	ug/L	108				26	127	
Benzo(a)anthracene	0.4		0.5	ug/L	125				0	0	
Chrysene	0.4		0.37	ug/L	93				0	0	
Benzo(b)fluoranthene	0.4		0.41	ug/L	103				0	0	
Benzo(k)fluoranthene	0.4		0.34	ug/L	85				0	0	
Benzo(a)pyrene	0.4		0.44	ug/L	110				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.44	ug/L	110				0	0	
Dibenzo(a,h)anthracene	0.4		0.44	ug/L	110				0	0	
Benzo(g,h,i)perylene	0.4		0.41	ug/L	103				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN071224

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3138-04MSD	Client Sample ID:	YDZF8MSD					DataFile:	BN032661.D		
1,4-Dioxane	2	0.12	0.68	ug/L	28		16		15	120	50
Naphthalene	0.4		0.34	ug/L	85		11	*	0	0	0
1-Methylnaphthalene	0.4		0.35	ug/L	88		6	*	0	0	0
2-Methylnaphthalene	0.4		0.36	ug/L	90		9	*	0	0	0
Acenaphthylene	0.4		0.35	ug/L	88		11	*	0	0	0
Acenaphthene	0.4		0.33	ug/L	83		8		46	118	31
Fluorene	0.4		0.32	ug/L	80		6	*	0	0	0
Pentachlorophenol	0.8		1.4	ug/L	175	*	13		9	103	50
Phenanthrene	0.4		0.4	ug/L	100		10	*	0	0	0
Anthracene	0.4		0.46	ug/L	115		11	*	0	0	0
Fluoranthene	0.4		0.4	ug/L	100		5	*	0	0	0
Pyrene	0.4		0.4	ug/L	100		8		26	127	31
Benzo(a)anthracene	0.4		0.46	ug/L	115		8	*	0	0	0
Chrysene	0.4		0.34	ug/L	85		9	*	0	0	0
Benzo(b)fluoranthene	0.4		0.37	ug/L	93		10	*	0	0	0
Benzo(k)fluoranthene	0.4		0.31	ug/L	78		9	*	0	0	0
Benzo(a)pyrene	0.4		0.4	ug/L	100		10	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.4	ug/L	100		10	*	0	0	0
Dibenzo(a,h)anthracene	0.4		0.4	ug/L	100		10	*	0	0	0
Benzo(g,h,i)perylene	0.4		0.37	ug/L	93		10	*	0	0	0



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Surrogate Summary

SW-846

SDG No.: BN071224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB161731BL	PB161731BL	BN032655.D	1,4-Dioxane-d8	8	4.00	50		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		30	130

Surrogate Summary

SW-846

SDG No.: **BN071224**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3035-01	A4CW2	BN032642.D	1,4-Dioxane-d8	8	3.72	47		15	120
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140
P3035-02MS	A4CW2MS	BN032643.D	1,4-Dioxane-d8	0.8	0.46	57		15	120
			Fluoranthene-d10	0.4	0.41	101		30	130
			2-Methylnaphthalene-d10	0.4	0.37	92		20	140
P3035-03MSD	A4CW2MSD	BN032644.D	1,4-Dioxane-d8	0.8	0.51	64		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.42	105		20	140
P3035-06	A4CX1	BN032649.D	1,4-Dioxane-d8	8	2.59	32		15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P3035-07	A4CX3	BN032641.D	1,4-Dioxane-d8	8	2.42	30		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P3035-08	A4CX4	BN032650.D	1,4-Dioxane-d8	8	2.53	32		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
P3035-09	A4CX7	BN032651.D	1,4-Dioxane-d8	8	3.22	40		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P3035-11	A4CY1	BN032645.D	1,4-Dioxane-d8	8	2.79	35		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P3035-14	A4CW9	BN032648.D	1,4-Dioxane-d8	8	2.82	35		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P3035-15	A4CX0	BN032646.D	1,4-Dioxane-d8	8	3.35	42		15	120
			Fluoranthene-d10	0.4	0.28	71		30	130
			2-Methylnaphthalene-d10	0.4	0.26	66		20	140
P3035-18	A4B96	BN032647.D	1,4-Dioxane-d8	8	3.03	38		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
P3035-20	A4CB8	BN032652.D	1,4-Dioxane-d8	8	2.62	33		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.17	43		20	140
P3035-21	A4CB9	BN032656.D	1,4-Dioxane-d8	8	3.15	39		15	120
			Fluoranthene-d10	0.4	0.23	58		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P3035-22	A4CC0	BN032657.D	1,4-Dioxane-d8	8	2.46	31		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
PB161755BL	PB161755BL	BN032637.D	1,4-Dioxane-d8	8	4.52	56		15	120
			Fluoranthene-d10	0.4	0.28	71		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140



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Surrogate Summary

SW-846

SDG No.: BN071224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB161826BL	PB161826BL	BN032633.D	1,4-Dioxane-d8	8	4.84	60		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		30	130
PB161826BS	PB161826BS	BN032653.D	1,4-Dioxane-d8	0.8	0.67	83		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130



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Surrogate Summary

SW-846

SDG No.: BN071224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3138-02	YDZF8	BN032659.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		30	130
P3138-03MS	YDZF8MS	BN032660.D	1,4-Dioxane-d8	0.8	0.23	29		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P3138-04MSD	YDZF8MSD	BN032661.D	1,4-Dioxane-d8	0.8	0.22	27		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
PB161902BL	PB161902BL	BN032658.D	1,4-Dioxane-d8	8	4.78	60		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.27	66		30	130
PB161902BS	PB161902BS	BN032662.D	1,4-Dioxane-d8	0.8	0.57	71		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130



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Surrogate Summary

SW-846

SDG No.: BN071224

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3102-02	A4CE1	BN032638.D	1,4-Dioxane-d8	8	3.28	41		15	120
			Fluoranthene-d10	0.4	0.31	76		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
P3102-03MS	A4CE1MS	BN032639.D	1,4-Dioxane-d8	0.8	0.29	36		15	120
			Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P3102-04MSD	A4CE1MSD	BN032640.D	1,4-Dioxane-d8	0.8	0.30	37		15	120
			Fluoranthene-d10	0.4	0.31	78		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
PB161917BL	PB161917BL	BN032634.D	1,4-Dioxane-d8	8	4.63	58		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
PB161917BS	PB161917BS	BN032635.D	1,4-Dioxane-d8	0.8	0.68	85		15	120
			Fluoranthene-d10	0.4	0.34	85		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		20	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN071224

Lab Code: CHEM

SAS No.: BN071224

SDG NO.: BN071224

Lab File ID: BN032625.D

DFTPP Injection Date: 07/11/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.8
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.6
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.4
442	Greater than 50% of mass 198	64.3
443	15.0 - 24.0% of mass 442	12.9 (20.1) 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
SSTD0.1237	SSTD0.107	BN032626.D	07/11/2024	09:16
SSTD0.2238	SSTD0.208	BN032627.D	07/11/2024	09:52
SSTD0.4239	SSTD0.409	BN032628.D	07/11/2024	10:29
SSTD0.8240	SSTD0.810	BN032629.D	07/11/2024	11:05
SSTD1.6241	SSTD1.611	BN032630.D	07/11/2024	11:41
SSTD3.2242	SSTD3.212	BN032631.D	07/11/2024	12:17
SICV243	SSTDICV0.4	BN032632.D	07/11/2024	12:53
SBLK826	PB161826BL	BN032633.D	07/11/2024	13:30
SBLK917	PB161917BL	BN032634.D	07/11/2024	14:06
SLCS917	PB161917BS	BN032635.D	07/11/2024	14:42
SSTD0.4254	SSTDCCC0.4	BN032636.D	07/11/2024	15:18
SBLK755	PB161755BL	BN032637.D	07/11/2024	15:55
A4CE1	P3102-02	BN032638.D	07/11/2024	16:31
A4CE1MS	P3102-03MS	BN032639.D	07/11/2024	17:08
A4CE1MSD	P3102-04MSD	BN032640.D	07/11/2024	17:44
A4CX3	P3035-07	BN032641.D	07/11/2024	18:20
A4CW2	P3035-01	BN032642.D	07/11/2024	18:57
A4CW2MS	P3035-02MS	BN032643.D	07/11/2024	19:33

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN071224

Lab Code: CHEM

SAS No.: BN071224

SDG NO.: BN071224

Lab File ID: BN032625.D

DFTPP Injection Date: 07/11/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.8
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.6
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.4
442	Greater than 50% of mass 198	64.3
443	15.0 - 24.0% of mass 442	12.9 (20.1) 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
A4CW2MSD	P3035-03MSD	BN032644.D	07/11/2024	20:09
A4CY1	P3035-11	BN032645.D	07/11/2024	20:45
A4CX0	P3035-15	BN032646.D	07/11/2024	21:21
A4B96	P3035-18	BN032647.D	07/11/2024	21:57
A4CW9	P3035-14	BN032648.D	07/11/2024	22:33
A4CX1	P3035-06	BN032649.D	07/11/2024	23:10
A4CX4	P3035-08	BN032650.D	07/11/2024	23:46
A4CX7	P3035-09	BN032651.D	07/12/2024	00:22
A4CB8	P3035-20	BN032652.D	07/12/2024	00:58
SLCS826	PB161826BS	BN032653.D	07/12/2024	01:34
SSTD0.4255	SSTDCCC0.4	BN032654.D	07/12/2024	02:46
SBLK731	PB161731BL	BN032655.D	07/12/2024	03:23
A4CB9	P3035-21	BN032656.D	07/12/2024	03:59
A4CC0	P3035-22	BN032657.D	07/12/2024	04:35
SBLK902	PB161902BL	BN032658.D	07/12/2024	05:12
YDZF8	P3138-02	BN032659.D	07/12/2024	05:48
YDZF8MS	P3138-03MS	BN032660.D	07/12/2024	06:24
YDZF8MSD	P3138-04MSD	BN032661.D	07/12/2024	07:00

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN071224

Lab Code: CHEM

SAS No.: BN071224

SDG NO.: BN071224

Lab File ID: BN032625.D

DFTPP Injection Date: 07/11/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.8
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.6
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.4
442	Greater than 50% of mass 198	64.3
443	15.0 - 24.0% of mass 442	12.9 (20.1) 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
SLCS902	PB161902BS	BN032662.D	07/12/2024	07:36
SSTD0.4256	SSTDCCC0.4	BN032663.D	07/12/2024	08:13