

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN111924 SAS No.: BN111924 SDG No.: BN111924

Instrument ID: BNA_N Calibration Date/Time: 11/19/2024 : 12:05

Lab File ID: BN035157.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4342 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.366	0.388	0.010	6.2052	40.0
1,4-Dioxane	0.397	0.399	0.010	0.5181	40.0
Naphthalene	1.008	1.048	0.600	4.0063	30.0
1-Methylnaphthalene	0.705	0.740	0.300	4.9452	30.0
2-Methylnaphthalene	0.699	0.737	0.300	5.4389	30.0
Acenaphthylene	1.587	1.627	0.900	2.5113	30.0
Acenaphthene	1.214	1.251	0.500	3.0216	30.0
Fluorene	1.425	1.443	0.700	1.2727	30.0
Pentachlorophenol	0.093	0.079	0.010	-15.1349	50.0
Phenanthrene	1.057	1.080	0.300	2.0973	30.0
Anthracene	0.981	0.981	0.400	-0.0739	30.0
Fluoranthene	1.393	1.468	0.400	5.4397	30.0
Pyrene	1.449	1.498	0.500	3.3954	30.0
Benzo (a) anthracene	1.388	1.398	0.400	0.6915	30.0
Chrysene	1.397	1.454	0.400	4.0878	30.0
Benzo (b) fluoranthene	1.322	1.368	0.200	3.4667	30.0
Benzo (k) fluoranthene	1.363	1.444	0.200	5.9258	30.0
Benzo (a) pyrene	1.208	1.235	0.200	2.18	30.0
Indeno (1,2,3-cd) pyrene	1.632	1.713	0.200	4.967	30.0
Dibenzo (a,h) anthracene	1.279	1.333	0.200	4.1718	30.0
Benzo (g,h,i) perylene	1.287	1.352	0.200	5.0482	30.0
Fluoranthene-d10	1.104	1.139	0.400	3.218	30.0
2-Methylnaphthalene-d10	0.586	0.609	0.300	3.8922	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.: BN111924 SAS No.: BN111924 SDG No.: BN111924

Instrument ID: BNA_N Calibration Date/Time: 11/19/2024 : 16:28

Lab File ID: BN035164.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4343 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.366	0.367	0.010	0.3095	40.0
1,4-Dioxane	0.397	0.416	0.010	4.7716	40.0
Naphthalene	1.008	1.044	0.600	3.6163	30.0
1-Methylnaphthalene	0.705	0.768	0.300	8.8962	30.0
2-Methylnaphthalene	0.699	0.752	0.300	7.558	30.0
Acenaphthylene	1.587	1.596	0.900	0.5748	30.0
Acenaphthene	1.214	1.245	0.500	2.5743	30.0
Fluorene	1.425	1.503	0.700	5.5107	30.0
Pentachlorophenol	0.093	0.078	0.010	-16.1117	50.0
Phenanthrene	1.057	1.073	0.300	1.4571	30.0
Anthracene	0.981	0.975	0.400	-0.642	30.0
Fluoranthene	1.393	1.618	0.400	16.2125	30.0
Pyrene	1.449	1.652	0.500	14.0192	30.0
Benzo (a) anthracene	1.388	1.387	0.400	-0.0619	30.0
Chrysene	1.397	1.425	0.400	2.0152	30.0
Benzo (b) fluoranthene	1.322	1.387	0.200	4.8911	30.0
Benzo (k) fluoranthene	1.363	1.462	0.200	7.2782	30.0
Benzo (a) pyrene	1.208	1.210	0.200	0.1109	30.0
Indeno (1,2,3-cd) pyrene	1.632	1.534	0.200	-5.9711	30.0
Dibenzo (a,h) anthracene	1.279	1.200	0.200	-6.2352	30.0
Benzo (g,h,i) perylene	1.287	1.182	0.200	-8.1302	30.0
Fluoranthene-d10	1.104	1.277	0.400	15.7494	30.0
2-Methylnaphthalene-d10	0.586	0.633	0.300	7.9637	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.: BN111924 SAS No.: BN111924 SDG No.: BN111924

Instrument ID: BNA_N Calibration Date/Time: 11/20/2024 : 03:16

Lab File ID: BN035181.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020344 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.397	0.407	0.010	2.6671	40.0
1,4-Dioxane-d8	0.366	0.383	0.010	4.7038	40.0
Naphthalene	1.008	1.047	0.600	3.9216	30.0
1-Methylnaphthalene	0.705	0.752	0.300	6.6655	30.0
2-Methylnaphthalene	0.699	0.743	0.300	6.339	30.0
Acenaphthylene	1.587	1.593	0.900	0.407	30.0
Acenaphthene	1.214	1.238	0.500	1.9934	30.0
Fluorene	1.425	1.452	0.700	1.8762	30.0
Pentachlorophenol	0.093	0.076	0.010	-17.9964	50.0
Phenanthrene	1.057	1.073	0.300	1.5137	30.0
Anthracene	0.981	0.978	0.400	-0.3177	30.0
Fluoranthene	1.393	1.536	0.400	10.3217	30.0
Pyrene	1.449	1.578	0.500	8.8574	30.0
Benzo (a) anthracene	1.388	1.394	0.400	0.43	30.0
Chrysene	1.397	1.446	0.400	3.5428	30.0
Benzo (b) fluoranthene	1.322	1.341	0.200	1.414	30.0
Benzo (k) fluoranthene	1.363	1.412	0.200	3.543	30.0
Benzo (a) pyrene	1.208	1.217	0.200	0.7228	30.0
Indeno (1,2,3-cd) pyrene	1.632	1.676	0.200	2.7125	30.0
Dibenzo (a,h) anthracene	1.279	1.307	0.200	2.1299	30.0
Benzo (g,h,i) perylene	1.287	1.307	0.200	1.5516	30.0
Fluoranthene-d10	1.104	1.214	0.400	10.0062	30.0
2-Methylnaphthalene-d10	0.586	0.617	0.300	5.3358	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK074	SDG No.:	BN111924
Lab Sample ID:	PB165074BL	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
BN035158.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.808		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.425		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.358		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3689	7.545				
1146-65-2	Naphthalene-d8	9298	10.306				
15067-26-2	Acenaphthene-d10	6840	14.185				

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK074	SDG No.:	BN111924
Lab Sample ID:	PB165074BL	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
BN035158.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15057	16.941				
1719-03-5	Chrysene-d12	10595	21.151				
1520-96-3	Perylene-d12	9849	23.325				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK077	SDG No.:	BN111924
Lab Sample ID:	PB165077BL	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
BN035159.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165077

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.277		15-120		78	SPK: -8
93951-69-0	Fluoranthene-d10	0.458		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.396		30-130		99	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4785	7.545				
1146-65-2	Naphthalene-d8	12410	10.306				
15067-26-2	Acenaphthene-d10	9341	14.185				

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK077	SDG No.:	BN111924
Lab Sample ID:	PB165077BL	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
BN035159.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165077

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21492	16.941				
1719-03-5	Chrysene-d12	16488	21.151				
1520-96-3	Perylene-d12	14515	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT1	SDG No.:	BN111924
Lab Sample ID:	P4847-02	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
BN035160.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	2.3	E	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	14	E	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	12	E	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	2.3	E	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	4.3	E	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	4.5	E	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	4.2	E	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	4	E	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	1.9	E	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	1.3		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	4.7	E	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	2	E	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	1.8	E	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.3		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.8	E	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.5		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.559		15-120		70	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.459		30-130		115	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.376		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3059		7.545			
1146-65-2	Naphthalene-d8	7349		10.306			
15067-26-2	Acenaphthene-d10	5295		14.185			

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT1	SDG No.:	BN111924
Lab Sample ID:	P4847-02	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
BN035160.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11358	16.941				
1719-03-5	Chrysene-d12	8770	21.148				
1520-96-3	Perylene-d12	8504	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT1DL	SDG No.:	BN111924
Lab Sample ID:	P4847-02DL	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
BN035161.D	10	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0	2	ug/L
91-20-3	Naphthalene	2.4	D	0.11	0.5	1	ug/L
90-12-0	1-Methylnaphthalene	0.24	U	0.24	0.5	1	ug/L
91-57-6	2-Methylnaphthalene	0.11	U	0.11	0.5	1	ug/L
208-96-8	Acenaphthylene	13	D	0.14	0.5	1	ug/L
83-32-9	Acenaphthene	12	D	0.13	0.5	1	ug/L
86-73-7	Fluorene	2.3	D	0.22	0.5	1	ug/L
87-86-5	Pentachlorophenol	0.41	U	0.41	1	2	ug/L
85-01-8	Phenanthrene	4.3	D	0.14	0.5	1	ug/L
120-12-7	Anthracene	4.2	D	0.11	0.5	1	ug/L
206-44-0	Fluoranthene	4.2	D	0.22	0.5	1	ug/L
129-00-0	Pyrene	4.1	D	0.16	0.5	1	ug/L
56-55-3	Benzo(a)anthracene	2	D	0.15	0.5	1	ug/L
218-01-9	Chrysene	1.5	D	0.14	0.5	1	ug/L
205-99-2	Benzo(b)fluoranthene	4.7	D	0.04	0.5	1	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	D	0.19	0.5	1	ug/L
50-32-8	Benzo(a)pyrene	1.9	D	0.12	0.5	1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	D	0.23	0.5	1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.8	D	0.26	0.5	1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.7	D	0.25	0.5	1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.65		15-120		81	SPK: -0.8
93951-69-0	Fluoranthene-d10	4.85	*	30-130		1213	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	4.25	*	30-130		1063	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3151		7.541			
1146-65-2	Naphthalene-d8	7407		10.306			
15067-26-2	Acenaphthene-d10	5148		14.185			

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT1DL	SDG No.:	BN111924
Lab Sample ID:	P4847-02DL	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
BN035161.D	10	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10991	16.941				
1719-03-5	Chrysene-d12	8091	21.151				
1520-96-3	Perylene-d12	8412	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.31	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z1	SDG No.:	BN111924
Lab Sample ID:	P4875-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035162.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165074

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	3.395		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.312		30-130		78	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.22		30-130		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3680	7.541				
1146-65-2	Naphthalene-d8	8982	10.306				
15067-26-2	Acenaphthene-d10	6084	14.185				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z1	SDG No.:	BN111924
Lab Sample ID:	P4875-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035162.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12822	16.937				
1719-03-5	Chrysene-d12	10297	21.148				
1520-96-3	Perylene-d12	10305	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z3	SDG No.:	BN111924
Lab Sample ID:	P4875-02	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
BN035163.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165074

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	4.19		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.347		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.262		30-130		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3664	7.541				
1146-65-2	Naphthalene-d8	8713	10.306				
15067-26-2	Acenaphthene-d10	5930	14.185				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z3	SDG No.:	BN111924
Lab Sample ID:	P4875-02	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
BN035163.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13317	16.941				
1719-03-5	Chrysene-d12	12045	21.148				
1520-96-3	Perylene-d12	12478	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK062	SDG No.:	BN111924
Lab Sample ID:	PB165062BL	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
BN035165.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165062

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	5.943		15-120		74	SPK: -8
93951-69-0	Fluoranthene-d10	0.418		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.355		20-140		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3325		7.545			
1146-65-2	Naphthalene-d8	8417		10.306			
15067-26-2	Acenaphthene-d10	6185		14.185			

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK062	SDG No.:	BN111924
Lab Sample ID:	PB165062BL	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
BN035165.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13917	16.941				
1719-03-5	Chrysene-d12	9923	21.148				
1520-96-3	Perylene-d12	8942	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK072	SDG No.:	BN111924
Lab Sample ID:	PB165072BL	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
BN035166.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.703		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.41		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.356		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3414		7.545			
1146-65-2	Naphthalene-d8	8745		10.306			
15067-26-2	Acenaphthene-d10	6604		14.185			

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK072	SDG No.:	BN111924
Lab Sample ID:	PB165072BL	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
BN035166.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15038	16.937				
1719-03-5	Chrysene-d12	11558	21.148				
1520-96-3	Perylene-d12	9898	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK70	SDG No.:	BN111924
Lab Sample ID:	P4817-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10
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
BN035167.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.4	ug/Kg
91-20-3	Naphthalene	0.41	U	0.41	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.94	U	0.94	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.38	U	0.38	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	0.52	U	0.52	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.43	U	0.43	0.92	3.7	ug/Kg
86-73-7	Fluorene	0.76	U	0.76	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.4	ug/Kg
85-01-8	Phenanthrene	0.57	U	0.57	0.92	3.7	ug/Kg
120-12-7	Anthracene	0.58	U	0.58	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	0.76	U	0.76	0.92	3.7	ug/Kg
129-00-0	Pyrene	0.58	U	0.58	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.47	U	0.47	0.92	3.7	ug/Kg
218-01-9	Chrysene	0.47	U	0.47	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.23	U	0.23	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.43	U	0.43	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.96	U	0.96	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.99	U	0.99	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.353		15-120		17	SPK: -8
93951-69-0	Fluoranthene-d10	0.282		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.223		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2964		7.545			
1146-65-2	Naphthalene-d8	7528		10.306			
15067-26-2	Acenaphthene-d10	5509		14.185			

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK70	SDG No.:	BN111924
Lab Sample ID:	P4817-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10
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
BN035167.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12673	16.937				
1719-03-5	Chrysene-d12	10023	21.148				
1520-96-3	Perylene-d12	8658	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK71	SDG No.:	BN111924
Lab Sample ID:	P4817-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035168.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.5	ug/Kg
91-20-3	Naphthalene	0.42	U	0.42	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.95	U	0.95	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.38	U	0.38	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	0.53	U	0.53	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	0.44	U	0.44	0.93	3.7	ug/Kg
86-73-7	Fluorene	0.76	U	0.76	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	0.57	U	0.57	0.93	3.7	ug/Kg
120-12-7	Anthracene	0.58	U	0.58	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	0.76	U	0.76	0.93	3.7	ug/Kg
129-00-0	Pyrene	0.58	U	0.58	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.47	U	0.47	0.93	3.7	ug/Kg
218-01-9	Chrysene	0.47	U	0.47	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.24	U	0.24	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.44	U	0.44	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.97	U	0.97	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.555		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.352		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.292		20-140		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3210		7.545			
1146-65-2	Naphthalene-d8	8355		10.306			
15067-26-2	Acenaphthene-d10	6194		14.185			

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK71	SDG No.:	BN111924
Lab Sample ID:	P4817-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.2
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
BN035168.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14119	16.941				
1719-03-5	Chrysene-d12	11352	21.148				
1520-96-3	Perylene-d12	9531	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK71MS	SDG No.:	BN111924
Lab Sample ID:	P4817-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035169.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29		1.2	0	7.5	ug/Kg
91-20-3	Naphthalene	7.4		0.42	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	8.2		0.96	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	8.1		0.38	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	8.2		0.53	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	8.4		0.44	0.93	3.7	ug/Kg
86-73-7	Fluorene	9		0.77	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	J	1.6	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	9.5		0.57	0.93	3.7	ug/Kg
120-12-7	Anthracene	9		0.59	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	11		0.77	0.93	3.7	ug/Kg
129-00-0	Pyrene	11		0.59	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	9.9		0.47	0.93	3.7	ug/Kg
218-01-9	Chrysene	9.9		0.47	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.24	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	10		0.44	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	9.9		0.41	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9		0.97	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.9		1	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9		1.1	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.307		15-120		38	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.306		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.243		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3553		7.541			
1146-65-2	Naphthalene-d8	8936		10.306			
15067-26-2	Acenaphthene-d10	6420		14.185			

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK71MS	SDG No.:	BN111924
Lab Sample ID:	P4817-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.2
Sample Wt/Vol:	30.03 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
BN035169.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14694	16.937				
1719-03-5	Chrysene-d12	11903	21.148				
1520-96-3	Perylene-d12	10828	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK71MSD	SDG No.:	BN111924
Lab Sample ID:	P4817-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.2
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
BN035170.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30		1.2	0	7.5	ug/Kg
91-20-3	Naphthalene	7.5		0.42	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	8.1		0.96	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	8		0.38	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	8.2		0.53	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	8.5		0.44	0.93	3.7	ug/Kg
86-73-7	Fluorene	8.7		0.76	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	J	1.6	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	9.6		0.57	0.93	3.7	ug/Kg
120-12-7	Anthracene	9.1		0.58	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	10		0.76	0.93	3.7	ug/Kg
129-00-0	Pyrene	11		0.58	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	10		0.47	0.93	3.7	ug/Kg
218-01-9	Chrysene	10		0.47	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	10		0.24	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	10		0.44	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	10		0.4	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		0.97	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	10		1	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10		1.1	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.305		15-120		38	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.291		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.241		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3631		7.541			
1146-65-2	Naphthalene-d8	8703		10.306			
15067-26-2	Acenaphthene-d10	5906		14.185			

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BHK71MSD	SDG No.:	BN111924
Lab Sample ID:	P4817-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.2
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
BN035170.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12453	16.937				
1719-03-5	Chrysene-d12	10002	21.148				
1520-96-3	Perylene-d12	10799	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z5	SDG No.:	BN111924
Lab Sample ID:	P4875-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BN035171.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.177		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.417		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.263		30-130		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3979		7.541			
1146-65-2	Naphthalene-d8	10347		10.306			
15067-26-2	Acenaphthene-d10	7712		14.185			

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z5	SDG No.:	BN111924
Lab Sample ID:	P4875-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BN035171.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17473	16.937				
1719-03-5	Chrysene-d12	13002	21.148				
1520-96-3	Perylene-d12	11143	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z7	SDG No.:	BN111924
Lab Sample ID:	P4875-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BN035172.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.001		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.381		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.257		30-130		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4402	7.541				
1146-65-2	Naphthalene-d8	11116	10.306				
15067-26-2	Acenaphthene-d10	7648	14.185				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z7	SDG No.:	BN111924
Lab Sample ID:	P4875-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035172.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15976	16.937				
1719-03-5	Chrysene-d12	12454	21.145				
1520-96-3	Perylene-d12	12493	23.317				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT2	SDG No.:	BN111924
Lab Sample ID:	P4847-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BN035173.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.05	J	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	1.6		0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	J	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.03	J	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.51		0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.55		0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.67		0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.1		0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.11		0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.07	J	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.925		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.499		30-130		125	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.372		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3313		7.541			
1146-65-2	Naphthalene-d8	8638		10.306			
15067-26-2	Acenaphthene-d10	6561		14.185			

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT2	SDG No.:	BN111924
Lab Sample ID:	P4847-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BN035173.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14647	16.937				
1719-03-5	Chrysene-d12	10921	21.145				
1520-96-3	Perylene-d12	9288	23.317				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT5	SDG No.:	BN111924
Lab Sample ID:	P4847-04	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
BN035174.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165072

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	0.42		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	2.1	E	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	1.3		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.05	J	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.67		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.57		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	0.7		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.15		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.24		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.15		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	4.588		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.403		30-130		101	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	3685	7.541				
1146-65-2	Naphthalene-d8	9322	10.306				
15067-26-2	Acenaphthene-d10	7048	14.185				

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT5	SDG No.:	BN111924
Lab Sample ID:	P4847-04	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
BN035174.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13429	16.937				
1719-03-5	Chrysene-d12	10407	21.145				
1520-96-3	Perylene-d12	10666	23.317				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT7	SDG No.:	BN111924
Lab Sample ID:	P4847-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BN035175.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.23		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.479		30-130		120	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.371		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3422		7.541			
1146-65-2	Naphthalene-d8	8827		10.306			
15067-26-2	Acenaphthene-d10	6515		14.185			

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	A0AT7	SDG No.:	BN111924
Lab Sample ID:	P4847-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035175.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13471	16.937				
1719-03-5	Chrysene-d12	9519	21.151				
1520-96-3	Perylene-d12	8839	23.326				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A13	SDG No.:	BN111924
Lab Sample ID:	P4875-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035176.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165074

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	3.887		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.426		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.29		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4345	7.541				
1146-65-2	Naphthalene-d8	11225	10.306				
15067-26-2	Acenaphthene-d10	8111	14.185				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A13	SDG No.:	BN111924
Lab Sample ID:	P4875-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035176.D	1	11/18/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17439	16.937				
1719-03-5	Chrysene-d12	11978	21.148				
1520-96-3	Perylene-d12	11308	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A19	SDG No.:	BN111924
Lab Sample ID:	P4875-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035177.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165077

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.04	J	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.05	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.514		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.427		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.37		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3623	7.541				
1146-65-2	Naphthalene-d8	8779	10.306				
15067-26-2	Acenaphthene-d10	6089	14.185				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A19	SDG No.:	BN111924
Lab Sample ID:	P4875-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035177.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165077

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13313	16.937				
1719-03-5	Chrysene-d12	12270	21.151				
1520-96-3	Perylene-d12	12629	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS074	SDG No.:	BN111924
Lab Sample ID:	PB165074BS	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
BN035178.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.32		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	0.33		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.32		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.32		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.33		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.59		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.32		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.32		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.38		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.34		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	0.37		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.35		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.35		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	0.598		15-120		75	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.434		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.375		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4141	7.545				
1146-65-2	Naphthalene-d8	10178	10.306				
15067-26-2	Acenaphthene-d10	7249	14.185				

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS074	SDG No.:	BN111924
Lab Sample ID:	PB165074BS	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
BN035178.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15802	16.937				
1719-03-5	Chrysene-d12	11037	21.148				
1520-96-3	Perylene-d12	10962	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS072	SDG No.:	BN111924
Lab Sample ID:	PB165072BS	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
BN035179.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165072

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	0.34		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	0.34		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.34		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.35		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	0.69		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.35		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.34		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	0.35		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.36		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.38		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	0.38		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	0.37		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.37		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.647		15-120		81	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.369		30-130		92	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.365		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3356	7.541				
1146-65-2	Naphthalene-d8	7794	10.306				
15067-26-2	Acenaphthene-d10	4962	14.185				

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS072	SDG No.:	BN111924
Lab Sample ID:	PB165072BS	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
BN035179.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10429	16.937				
1719-03-5	Chrysene-d12	9486	21.148				
1520-96-3	Perylene-d12	10467	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS062	SDG No.:	BN111924
Lab Sample ID:	PB165062BS	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
BN035180.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	53		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	12		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	11		0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	12		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	12		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	21		1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	12		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	12		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	12		0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	13		0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	13		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	13		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	13		0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.681		15-120		85	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.368		30-130		92	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.374		20-140		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3065	7.541				
1146-65-2	Naphthalene-d8	7134	10.306				
15067-26-2	Acenaphthene-d10	4614	14.185				

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS062	SDG No.:	BN111924
Lab Sample ID:	PB165062BS	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
BN035180.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10038	16.937				
1719-03-5	Chrysene-d12	9454	21.148				
1520-96-3	Perylene-d12	10406	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK077	SDG No.:	BN111924
Lab Sample ID:	PB165077BL	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
BN035182.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165077

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.392		15-120		80	SPK: -8
93951-69-0	Fluoranthene-d10	0.44		30-130		110	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.388		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3181	7.541				
1146-65-2	Naphthalene-d8	7901	10.306				
15067-26-2	Acenaphthene-d10	5542	14.185				

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK077	SDG No.:	BN111924
Lab Sample ID:	PB165077BL	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
BN035182.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165077

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11261	16.937				
1719-03-5	Chrysene-d12	8223	21.148				
1520-96-3	Perylene-d12	8239	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK062	SDG No.:	BN111924
Lab Sample ID:	PB165062BL	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
BN035183.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165062

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	5.979		15-120		75	SPK: -8
93951-69-0	Fluoranthene-d10	0.372		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.339		20-140		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3821		7.541			
1146-65-2	Naphthalene-d8	9415		10.306			
15067-26-2	Acenaphthene-d10	6166		14.185			

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK062	SDG No.:	BN111924
Lab Sample ID:	PB165062BL	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
BN035183.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165062

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12360	16.937				
1719-03-5	Chrysene-d12	10087	21.148				
1520-96-3	Perylene-d12	10505	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A22	SDG No.:	BN111924
Lab Sample ID:	P4875-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035184.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165077

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.02	J	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.715		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.438		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.357		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3561		7.541			
1146-65-2	Naphthalene-d8	8518		10.306			
15067-26-2	Acenaphthene-d10	5678		14.185			

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A22	SDG No.:	BN111924
Lab Sample ID:	P4875-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BN035184.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165077

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11743	16.937				
1719-03-5	Chrysene-d12	10233	21.148				
1520-96-3	Perylene-d12	10784	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A23	SDG No.:	BN111924
Lab Sample ID:	P4875-09	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
BN035185.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165077

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	4.536		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.439		30-130		110	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.355		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3920	7.541				
1146-65-2	Naphthalene-d8	9372	10.306				
15067-26-2	Acenaphthene-d10	6372	14.185				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E2A23	SDG No.:	BN111924
Lab Sample ID:	P4875-09	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
BN035185.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165077

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13804	16.937				
1719-03-5	Chrysene-d12	12346	21.148				
1520-96-3	Perylene-d12	12774	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29S9	SDG No.:	BN111924
Lab Sample ID:	P4875-11	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035186.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165077

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	4.489		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.462		30-130		115	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.304		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4458		7.541			
1146-65-2	Naphthalene-d8	11308		10.306			
15067-26-2	Acenaphthene-d10	8350		14.185			

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	E29S9	SDG No.:	BN111924
Lab Sample ID:	P4875-11	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
BN035186.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165077

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16733	16.937				
1719-03-5	Chrysene-d12	11510	21.148				
1520-96-3	Perylene-d12	11004	23.322				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z9	SDG No.:	BN111924
Lab Sample ID:	P4875-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BN035187.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165077

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.02	J	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.509		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.399		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.285		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4010		7.541			
1146-65-2	Naphthalene-d8	9669		10.306			
15067-26-2	Acenaphthene-d10	6201		14.185			

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	E29Z9	SDG No.:	BN111924
Lab Sample ID:	P4875-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BN035187.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165077

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12625	16.937				
1719-03-5	Chrysene-d12	11562	21.148				
1520-96-3	Perylene-d12	11438	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS077	SDG No.:	BN111924
Lab Sample ID:	PB165077BS	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
BN035188.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165077

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	0.36		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	0.37		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	0.36		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.36		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.59		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.36		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	0.41		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.39		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.4		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		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	0.39		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	0.662		15-120		83	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.463		30-130		116	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.414		30-130		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4190	7.541				
1146-65-2	Naphthalene-d8	10220	10.306				
15067-26-2	Acenaphthene-d10	6826	14.185				

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS077	SDG No.:	BN111924
Lab Sample ID:	PB165077BS	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
BN035188.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165077

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14125	16.937				
1719-03-5	Chrysene-d12	10190	21.148				
1520-96-3	Perylene-d12	10432	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BN111924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BHK70								
P4817-01	BHK70	Solid	Total Alkanes	*	0.000	1.2	7.4	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : BHK71								
P4817-02	BHK71	Solid	Total Alkanes	*	0.000	1.2	7.5	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : A0AT1								
P4847-02	A0AT1	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4847-02	A0AT1	Water	Acenaphthene		12.000	E 0.013	0.1	ug/L
P4847-02	A0AT1	Water	Acenaphthylene		14.000	E 0.014	0.1	ug/L
P4847-02	A0AT1	Water	Anthracene		4.500	E 0.011	0.1	ug/L
P4847-02	A0AT1	Water	Benzo(a)anthracene		1.900	E 0.015	0.1	ug/L
P4847-02	A0AT1	Water	Benzo(a)pyrene		1.800	E 0.012	0.1	ug/L
P4847-02	A0AT1	Water	Benzo(b)fluoranthene		4.700	E 0.004	0.1	ug/L
P4847-02	A0AT1	Water	Benzo(g,h,i)perylene		1.500	0.025	0.1	ug/L
P4847-02	A0AT1	Water	Benzo(k)fluoranthene		2.000	E 0.019	0.1	ug/L
P4847-02	A0AT1	Water	Chrysene		1.300	0.014	0.1	ug/L
P4847-02	A0AT1	Water	Dibenzo(a,h)anthracene		1.800	E 0.026	0.1	ug/L
P4847-02	A0AT1	Water	Fluoranthene		4.200	E 0.022	0.1	ug/L
P4847-02	A0AT1	Water	Fluorene		2.300	E 0.022	0.1	ug/L
P4847-02	A0AT1	Water	Indeno(1,2,3-cd)pyrene		1.300	0.023	0.1	ug/L
P4847-02	A0AT1	Water	Naphthalene		2.300	E 0.011	0.1	ug/L
P4847-02	A0AT1	Water	Phenanthrene		4.300	E 0.014	0.1	ug/L
P4847-02	A0AT1	Water	Pyrene		4.000	E 0.016	0.1	ug/L
			Total Svoc :			63.90		
			Total Concentration:			63.90		
Client ID : A0AT1DL								
P4847-02DL	A0AT1DL	Water	Total Alkanes	*	0.000	D 0.31	2	ug/L
			Total Tics :			0.00		
P4847-02DL	A0AT1DL	Water	Acenaphthene		12.000	D 0.13	1	ug/L
P4847-02DL	A0AT1DL	Water	Acenaphthylene		13.000	D 0.14	1	ug/L
P4847-02DL	A0AT1DL	Water	Anthracene		4.200	D 0.11	1	ug/L
P4847-02DL	A0AT1DL	Water	Benzo(a)anthracene		2.000	D 0.15	1	ug/L
P4847-02DL	A0AT1DL	Water	Benzo(a)pyrene		1.900	D 0.12	1	ug/L

Hit Summary Sheet SW-846

SDG No.: BN111924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4847-02DL	A0AT1DL	Water	Benzo(b)fluoranthene	4.700	D	0.04	1	ug/L
P4847-02DL	A0AT1DL	Water	Benzo(g,h,i)perylene	1.700	D	0.25	1	ug/L
P4847-02DL	A0AT1DL	Water	Benzo(k)fluoranthene	2.100	D	0.19	1	ug/L
P4847-02DL	A0AT1DL	Water	Chrysene	1.500	D	0.14	1	ug/L
P4847-02DL	A0AT1DL	Water	Dibenzo(a,h)anthracene	1.800	D	0.26	1	ug/L
P4847-02DL	A0AT1DL	Water	Fluoranthene	4.200	D	0.22	1	ug/L
P4847-02DL	A0AT1DL	Water	Fluorene	2.300	D	0.22	1	ug/L
P4847-02DL	A0AT1DL	Water	Indeno(1,2,3-cd)pyrene	1.500	D	0.23	1	ug/L
P4847-02DL	A0AT1DL	Water	Naphthalene	2.400	D	0.11	1	ug/L
P4847-02DL	A0AT1DL	Water	Phenanthrene	4.300	D	0.14	1	ug/L
P4847-02DL	A0AT1DL	Water	Pyrene	4.100	D	0.16	1	ug/L
Total Svoc :				63.70				
Total Concentration:				63.70				
Client ID : A0AT2								
P4847-03	A0AT2	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
P4847-03	A0AT2	Water	1-Methylnaphthalene	1.600		0.02	0.1	ug/L
P4847-03	A0AT2	Water	2-Methylnaphthalene	0.030	J	0.01	0.1	ug/L
P4847-03	A0AT2	Water	Acenaphthene	0.510		0.01	0.1	ug/L
P4847-03	A0AT2	Water	Acenaphthylene	0.030	J	0.01	0.1	ug/L
P4847-03	A0AT2	Water	Anthracene	0.100		0.01	0.1	ug/L
P4847-03	A0AT2	Water	Fluoranthene	0.110		0.02	0.1	ug/L
P4847-03	A0AT2	Water	Fluorene	0.550		0.02	0.1	ug/L
P4847-03	A0AT2	Water	Naphthalene	0.050	J	0.01	0.1	ug/L
P4847-03	A0AT2	Water	Phenanthrene	0.670		0.01	0.1	ug/L
P4847-03	A0AT2	Water	Pyrene	0.070	J	0.02	0.1	ug/L
Total Svoc :				3.72				
Total Concentration:				3.72				
Client ID : A0AT5								
P4847-04	A0AT5	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
P4847-04	A0AT5	Water	1-Methylnaphthalene	2.100	E	0.024	0.1	ug/L
P4847-04	A0AT5	Water	2-Methylnaphthalene	1.300		0.011	0.1	ug/L
P4847-04	A0AT5	Water	Acenaphthene	0.670		0.013	0.1	ug/L
P4847-04	A0AT5	Water	Acenaphthylene	0.050	J	0.014	0.1	ug/L
P4847-04	A0AT5	Water	Anthracene	0.150		0.011	0.1	ug/L
P4847-04	A0AT5	Water	Fluoranthene	0.240		0.022	0.1	ug/L
P4847-04	A0AT5	Water	Fluorene	0.570		0.022	0.1	ug/L
P4847-04	A0AT5	Water	Naphthalene	0.420		0.011	0.1	ug/L
P4847-04	A0AT5	Water	Phenanthrene	0.700		0.014	0.1	ug/L

Hit Summary Sheet
SW-846

SDG No.: BN111924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4847-04	A0AT5	Water	Pyrene	0.150		0.016	0.1	ug/L
			Total Svoc :			6.35		
			Total Concentration:			6.35		
Client ID :	A0AT7							
P4847-07	A0AT7	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E29Z1							
P4875-01	E29Z1	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E29Z3							
P4875-02	E29Z3	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E29Z5							
P4875-03	E29Z5	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E29Z7							
P4875-04	E29Z7	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E2A13							
P4875-05	E2A13	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E2A19							
P4875-07	E2A19	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4875-07	E2A19	Water	1,4-Dioxane		0.040	J 0.031	0.2	ug/L
P4875-07	E2A19	Water	Naphthalene		0.050	J 0.011	0.1	ug/L
			Total Svoc :			0.09		
			Total Concentration:			0.09		
Client ID :	E2A22							
P4875-08	E2A22	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		

Hit Summary Sheet SW-846

SDG No.: BN111924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4875-08	E2A22	Water	Naphthalene	0.020	J	0.01	0.1	ug/L
			Total Svoc :			0.02		
			Total Concentration:			0.02		
Client ID :	E2A23							
P4875-09	E2A23	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E29S9							
P4875-11	E29S9	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E29Z9							
P4875-12	E29Z9	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P4875-12	E29Z9	Water	Phenanthrene	0.020	J	0.01	0.1	ug/L
			Total Svoc :			0.02		
			Total Concentration:			0.02		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN111624 SAS No.: BN111624 SDG No.: BN111624
Instrument ID: _____ Calibration Date(s): 11/16/2024
Calibration Time(s): 12:26

LAB FILE ID:		RRFAL1 = BN035134.D			RRFAL2 = BN035135.D		RRFAL3 = BN035136.D	
		RRFAL4 = BN035137.D			RRFAL5 = BN035138.D		RRFAL6 = BN035139.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.425	0.424	0.381	0.380	0.374	0.397	6.4
1,4-Dioxane-d8		0.385	0.398	0.347	0.350	0.347	0.366	6.6
Naphthalene	1.030	1.015	1.057	0.976	0.961		1.008	3.9
1-Methylnaphthalene	0.723	0.695	0.740	0.684	0.685		0.705	3.5
2-Methylnaphthalene	0.705	0.695	0.737	0.680	0.677		0.699	3.5
Acenaphthylene	1.595	1.597	1.638	1.568	1.536		1.587	2.4
Acenaphthene	1.241	1.225	1.246	1.197	1.161		1.214	2.9
Fluorene	1.444	1.422	1.476	1.410	1.373		1.425	2.7
Pentachlorophenol		0.079	0.087	0.088	0.099	0.113	0.093	14.2
Phenanthrene	1.071	1.063	1.088	1.043	1.023		1.057	2.4
Anthracene	0.998	0.971	1.004	0.969	0.966		0.981	1.8
Fluoranthene	1.393	1.361	1.470	1.388	1.353		1.393	3.3
Pyrene	1.466	1.429	1.530	1.433	1.388		1.449	3.7
Benzo (a) anthracene	1.404	1.387	1.441	1.367	1.342		1.388	2.7
Chrysene	1.420	1.402	1.456	1.377	1.330		1.397	3.4
Benzo (b) fluoranthene	1.355	1.307	1.371	1.289	1.290		1.322	2.9
Benzo (k) fluoranthene	1.336	1.401	1.421	1.345	1.313		1.363	3.3
Benzo (a) pyrene	1.242	1.203	1.244	1.182	1.170		1.208	2.8
Indeno (1,2,3-cd) pyrene	1.631	1.626	1.714	1.609	1.579		1.632	3.1
Dibenzo (a,h) anthracene	1.270	1.273	1.348	1.264	1.241		1.279	3.2
Benzo (g,h,i) perylene	1.286	1.305	1.348	1.261	1.233		1.287	3.4
Fluoranthene-d10	1.120	1.083	1.165	1.089	1.060		1.104	3.7
2-Methylnaphthalene-d10	0.600	0.583	0.614	0.569	0.565		0.586	3.5

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.: BN111924 SAS No.: BN111924 SDG NO.: BN111924

EPA Sample No.: SSTD0.4225

Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BN035136.D

Time Analyzed: 12:41

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	2538	7.55	5912	10.31	3911	14.19
	UPPER LIMIT	5076	8.05	11824	10.812	7822	14.689
	LOWER LIMIT	1269	7.05	2956	9.812	1955.5	13.689
	EPA SAMPLE NO.						
01	SBLK074	3689	7.55	9298	10.31	6840	14.19
02	SBLK077	4785	7.55	12410 *	10.31	9341 *	14.19
03	A0AT1	3059	7.55	7349	10.31	5295	14.19
04	A0AT1DL	3151	7.54	7407	10.31	5148	14.19
05	E29Z1	3680	7.54	8982	10.31	6084	14.19
06	E29Z3	3664	7.54	8713	10.31	5930	14.19
07	SBLK062	3325	7.55	8417	10.31	6185	14.19
08	SBLK072	3414	7.55	8745	10.31	6604	14.19
09	BHK70	2964	7.55	7528	10.31	5509	14.19
10	BHK71	3210	7.55	8355	10.31	6194	14.19
11	BHK71MS	3553	7.54	8936	10.31	6420	14.19
12	BHK71MSD	3631	7.54	8703	10.31	5906	14.19
13	E29Z5	3979	7.54	10347	10.31	7712	14.19
14	E29Z7	4402	7.54	11116	10.31	7648	14.19
15	A0AT2	3313	7.54	8638	10.31	6561	14.19
16	A0AT5	3685	7.54	9322	10.31	7048	14.19
17	A0AT7	3422	7.54	8827	10.31	6515	14.19
18	E2A13	4345	7.54	11225	10.31	8111 *	14.19
19	E2A19	3623	7.54	8779	10.31	6089	14.19
20	SLCS074	4141	7.55	10178	10.31	7249	14.19
21	SLCS072	3356	7.54	7794	10.31	4962	14.19
22	SLCS062	3065	7.54	7134	10.31	4614	14.19
23	SBLK077	3181	7.54	7901	10.31	5542	14.19

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111924 SAS No.: BN111924 SDG NO.: BN111924

EPA Sample No.: SSTD0.4225 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 04:28

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	2538	7.55	5912	10.31	3911	14.19
UPPER LIMIT	5076	8.05	11824	10.812	7822	14.689
LOWER LIMIT	1269	7.05	2956	9.812	1955.5	13.689
EPA SAMPLE NO.						
24 SBLK062	3821	7.54	9415	10.31	6166	14.19
25 E2A22	3561	7.54	8518	10.31	5678	14.19
26 E2A23	3920	7.54	9372	10.31	6372	14.19
27 E29S9	4458	7.54	11308	10.31	8350 *	14.19
28 E29Z9	4010	7.54	9669	10.31	6201	14.19
29 SLCS077	4190	7.54	10220	10.31	6826	14.19

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111924 SAS No.: BN111924 SDG NO.: BN111924

EPA Sample No.: SSTD0.4342 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BN035157.D Time Analyzed: 12:41

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	2627	7.545	6138	10.31	4148	14.19
UPPER LIMIT	5254	8.045	12276	10.806	8296	14.685
LOWER LIMIT	1313.5	7.045	3069	9.806	2074	13.685
EPA SAMPLE NO.						
01 SBLK074	3689	7.55	9298	10.31	6840	14.19
02 SBLK077	4785	7.55	12410 *	10.31	9341 *	14.19
03 A0AT1	3059	7.55	7349	10.31	5295	14.19
04 A0AT1DL	3151	7.54	7407	10.31	5148	14.19
05 E29Z1	3680	7.54	8982	10.31	6084	14.19
06 E29Z3	3664	7.54	8713	10.31	5930	14.19

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111924 SAS No.: BN111924 SDG NO.: BN111924

EPA Sample No.: SSTD0.4343 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BN035164.D Time Analyzed: 17:04

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	3035	7.545	7523	10.31	5577	14.19
	UPPER LIMIT	6070	8.045	15046	10.806	11154	14.685
	LOWER LIMIT	1517.5	7.045	3761.5	9.806	2788.5	13.685
	EPA SAMPLE NO.						
01	SBLK062	3325	7.55	8417	10.31	6185	14.19
02	SBLK072	3414	7.55	8745	10.31	6604	14.19
03	BHK70	2964	7.55	7528	10.31	5509	14.19
04	BHK71	3210	7.55	8355	10.31	6194	14.19
05	BHK71MS	3553	7.54	8936	10.31	6420	14.19
06	BHK71MSD	3631	7.54	8703	10.31	5906	14.19
07	E29Z5	3979	7.54	10347	10.31	7712	14.19
08	E29Z7	4402	7.54	11116	10.31	7648	14.19
09	A0AT2	3313	7.54	8638	10.31	6561	14.19
10	A0AT5	3685	7.54	9322	10.31	7048	14.19
11	A0AT7	3422	7.54	8827	10.31	6515	14.19
12	E2A13	4345	7.54	11225	10.31	8111	14.19
13	E2A19	3623	7.54	8779	10.31	6089	14.19
14	SLCS074	4141	7.55	10178	10.31	7249	14.19
15	SLCS072	3356	7.54	7794	10.31	4962	14.19
16	SLCS062	3065	7.54	7134	10.31	4614	14.19

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111924 SAS No.: BN111924 SDG NO.: BN111924

EPA Sample No.: SSTD0.4343 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BN035164.D Time Analyzed: 02:04

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	3035	7.545	7523	10.31	5577	14.19
UPPER LIMIT	6070	8.045	15046	10.806	11154	14.685
LOWER LIMIT	1517.5	7.045	3761.5	9.806	2788.5	13.685
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.: BN111924 SAS No.: BN111924 SDG NO.: BN111924

EPA Sample No.: SSTD020344 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BN035181.D Time Analyzed: 03:52

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	3323	7.541	7986	10.31	5570	14.19
UPPER LIMIT	6646	8.041	15972	10.806	11140	14.685
LOWER LIMIT	1661.5	7.041	3993	9.806	2785	13.685
EPA SAMPLE NO.						
01 SBLK077	3181	7.54	7901	10.31	5542	14.19
02 SBLK062	3821	7.54	9415	10.31	6166	14.19
03 E2A22	3561	7.54	8518	10.31	5678	14.19
04 E2A23	3920	7.54	9372	10.31	6372	14.19
05 E29S9	4458	7.54	11308	10.31	8350	14.19
06 E29Z9	4010	7.54	9669	10.31	6201	14.19
07 SLCS077	4190	7.54	10220	10.31	6826	14.19

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111924 SAS No.: BN111924 SDG NO.: BN111924

EPA Sample No.: SSTD0.4225 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 12:41

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	8422	16.941	7282	21.154	7906	23.331
	UPPER LIMIT	16844	17.441	14564	21.654	15812	23.831
	LOWER LIMIT	4211	16.441	3641	20.654	3953	22.831
	EPA SAMPLE NO.						
01	SBLK074	15057	16.94	10595	21.15	9849	23.33
02	SBLK077	21492 *	16.94	16488 *	21.15	14515	23.32
03	A0AT1	11358	16.94	8770	21.15	8504	23.32
04	A0AT1DL	10991	16.94	8091	21.15	8412	23.32
05	E29Z1	12822	16.94	10297	21.15	10305	23.32
06	E29Z3	13317	16.94	12045	21.15	12478	23.32
07	SBLK062	13917	16.94	9923	21.15	8942	23.32
08	SBLK072	15038	16.94	11558	21.15	9898	23.32
09	BHK70	12673	16.94	10023	21.15	8658	23.32
10	BHK71	14119	16.94	11352	21.15	9531	23.32
11	BHK71MS	14694	16.94	11903	21.15	10828	23.32
12	BHK71MSD	12453	16.94	10002	21.15	10799	23.32
13	E29Z5	17473 *	16.94	13002	21.15	11143	23.32
14	E29Z7	15976	16.94	12454	21.15	12493	23.32
15	A0AT2	14647	16.94	10921	21.15	9288	23.32
16	A0AT5	13429	16.94	10407	21.15	10666	23.32
17	A0AT7	13471	16.94	9519	21.15	8839	23.33
18	E2A13	17439 *	16.94	11978	21.15	11308	23.32
19	E2A19	13313	16.94	12270	21.15	12629	23.32
20	SLCS074	15802	16.94	11037	21.15	10962	23.32
21	SLCS072	10429	16.94	9486	21.15	10467	23.32

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111924 SAS No.: BN111924 SDG NO.: BN111924

EPA Sample No.: SSTD0.4225 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 02:04

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	8422	16.941	7282	21.154	7906	23.331
UPPER LIMIT	16844	17.441	14564	21.654	15812	23.831
LOWER LIMIT	4211	16.441	3641	20.654	3953	22.831
EPA SAMPLE NO.						
22 SLCS062	10038	16.94	9454	21.15	10406	23.32
23 SBLK077	11261	16.94	8223	21.15	8239	23.32
24 SBLK062	12360	16.94	10087	21.15	10505	23.32
25 E2A22	11743	16.94	10233	21.15	10784	23.32
26 E2A23	13804	16.94	12346	21.15	12774	23.32
27 E29S9	16733	16.94	11510	21.15	11004	23.32
28 E29Z9	12625	16.94	11562	21.15	11438	23.32
29 SLCS077	14125	16.94	10190	21.15	10432	23.32

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.: BN111924 SAS No.: BN111924 SDG NO.: BN111924

EPA Sample No.: SSTD0.4342 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BN035157.D Time Analyzed: 12:41

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	8727	16.941	7280	21.151	7905	23.325
UPPER LIMIT	17454	17.441	14560	21.651	15810	23.825
LOWER LIMIT	4363.5	16.441	3640	20.651	3952.5	22.825
EPA SAMPLE NO.						
01 SBLK074	15057	16.94	10595	21.15	9849	23.33
02 SBLK077	21492 *	16.94	16488 *	21.15	14515	23.32
03 A0AT1	11358	16.94	8770	21.15	8504	23.32
04 A0AT1DL	10991	16.94	8091	21.15	8412	23.32
05 E29Z1	12822	16.94	10297	21.15	10305	23.32
06 E29Z3	13317	16.94	12045	21.15	12478	23.32

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.: BN111924 SAS No.: BN111924 SDG NO.: BN111924

EPA Sample No.: SSTD0.4343 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BN035164.D Time Analyzed: 17:04

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	13051	16.941	9993	21.148	9110	23.32
	UPPER LIMIT	26102	17.441	19986	21.648	18220	23.82
	LOWER LIMIT	6525.5	16.441	4996.5	20.648	4555	22.82
	EPA SAMPLE NO.						
01	SBLK062	13917	16.94	9923	21.15	8942	23.32
02	SBLK072	15038	16.94	11558	21.15	9898	23.32
03	BHK70	12673	16.94	10023	21.15	8658	23.32
04	BHK71	14119	16.94	11352	21.15	9531	23.32
05	BHK71MS	14694	16.94	11903	21.15	10828	23.32
06	BHK71MSD	12453	16.94	10002	21.15	10799	23.32
07	E29Z5	17473	16.94	13002	21.15	11143	23.32
08	E29Z7	15976	16.94	12454	21.15	12493	23.32
09	A0AT2	14647	16.94	10921	21.15	9288	23.32
10	A0AT5	13429	16.94	10407	21.15	10666	23.32
11	A0AT7	13471	16.94	9519	21.15	8839	23.33
12	E2A13	17439	16.94	11978	21.15	11308	23.32
13	E2A19	13313	16.94	12270	21.15	12629	23.32
14	SLCS074	15802	16.94	11037	21.15	10962	23.32
15	SLCS072	10429	16.94	9486	21.15	10467	23.32
16	SLCS062	10038	16.94	9454	21.15	10406	23.32

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111924 SAS No.: BN111924 SDG NO.: BN111924

EPA Sample No.: SSTD0.4343 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BN035164.D Time Analyzed: 02:04

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	13051	16.941	9993	21.148	9110	23.32
UPPER LIMIT	26102	17.441	19986	21.648	18220	23.82
LOWER LIMIT	6525.5	16.441	4996.5	20.648	4555	22.82
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.: BN111924 SAS No.: BN111924 SDG NO.: BN111924

EPA Sample No.: SSTD020344 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BN035181.D Time Analyzed: 03:52

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	11597	16.937	8751	21.145	9394	23.32
UPPER LIMIT	23194	17.437	17502	21.645	18788	23.82
LOWER LIMIT	5798.5	16.437	4375.5	20.645	4697	22.82
EPA SAMPLE NO.						
01 SBLK077	11261	16.94	8223	21.15	8239	23.32
02 SBLK062	12360	16.94	10087	21.15	10505	23.32
03 E2A22	11743	16.94	10233	21.15	10784	23.32
04 E2A23	13804	16.94	12346	21.15	12774	23.32
05 E29S9	16733	16.94	11510	21.15	11004	23.32
06 E29Z9	12625	16.94	11562	21.15	11438	23.32
07 SLCS077	14125	16.94	10190	21.15	10432	23.32

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.: BN111924

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165062BS	1,4-Dioxane	66.7	53	ug/Kg	79				0	0		
	Naphthalene	13.3	12	ug/Kg	90				0	0		
	1-Methylnaphthalene	13.3	12	ug/Kg	90				0	0		
	2-Methylnaphthalene	13.3	11	ug/Kg	83				0	0		
	Acenaphthylene	13.3	12	ug/Kg	90				0	0		
	Acenaphthene	13.3	12	ug/Kg	90				0	0		
	Fluorene	13.3	12	ug/Kg	90				0	0		
	Pentachlorophenol	26.7	21	ug/Kg	79				0	0		
	Phenanthrene	13.3	12	ug/Kg	90				0	0		
	Anthracene	13.3	11	ug/Kg	83				0	0		
	Fluoranthene	13.3	12	ug/Kg	90				0	0		
	Pyrene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)anthracene	13.3	12	ug/Kg	90				0	0		
	Chrysene	13.3	13	ug/Kg	98				0	0		
	Benzo(b)fluoranthene	13.3	13	ug/Kg	98				0	0		
	Benzo(k)fluoranthene	13.3	13	ug/Kg	98				0	0		
	Benzo(a)pyrene	13.3	13	ug/Kg	98				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	13	ug/Kg	98				0	0		
	Dibenzo(a,h)anthracene	13.3	13	ug/Kg	98				0	0		
	Benzo(g,h,i)perylene	13.3	13	ug/Kg	98				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN111924

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165072BS	1,4-Dioxane	2	1.6	ug/L	80				0	0		
	Naphthalene	0.4	0.34	ug/L	85				0	0		
	1-Methylnaphthalene	0.4	0.34	ug/L	85				0	0		
	2-Methylnaphthalene	0.4	0.34	ug/L	85				0	0		
	Acenaphthylene	0.4	0.34	ug/L	85				0	0		
	Acenaphthene	0.4	0.35	ug/L	88				0	0		
	Fluorene	0.4	0.34	ug/L	85				0	0		
	Pentachlorophenol	0.8	0.69	ug/L	86				0	0		
	Phenanthrene	0.4	0.35	ug/L	88				0	0		
	Anthracene	0.4	0.34	ug/L	85				0	0		
	Fluoranthene	0.4	0.35	ug/L	88				0	0		
	Pyrene	0.4	0.35	ug/L	88				0	0		
	Benzo(a)anthracene	0.4	0.36	ug/L	90				0	0		
	Chrysene	0.4	0.38	ug/L	95				0	0		
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(k)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(a)pyrene	0.4	0.37	ug/L	93				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.37	ug/L	93				0	0		
	Dibenzo(a,h)anthracene	0.4	0.37	ug/L	93				0	0		
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN111924

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165074BS	1,4-Dioxane	2	1.5	ug/L	75				0	0	
	Naphthalene	0.4	0.32	ug/L	80				0	0	
	1-Methylnaphthalene	0.4	0.34	ug/L	85				0	0	
	2-Methylnaphthalene	0.4	0.33	ug/L	83				0	0	
	Acenaphthylene	0.4	0.32	ug/L	80				0	0	
	Acenaphthene	0.4	0.32	ug/L	80				0	0	
	Fluorene	0.4	0.33	ug/L	83				0	0	
	Pentachlorophenol	0.8	0.59	ug/L	74				0	0	
	Phenanthrene	0.4	0.32	ug/L	80				0	0	
	Anthracene	0.4	0.32	ug/L	80				0	0	
	Fluoranthene	0.4	0.39	ug/L	98				0	0	
	Pyrene	0.4	0.38	ug/L	95				0	0	
	Benzo(a)anthracene	0.4	0.34	ug/L	85				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	0.37	ug/L	93				0	0	
	Benzo(a)pyrene	0.4	0.35	ug/L	88				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				0	0	
	Dibenzo(a,h)anthracene	0.4	0.35	ug/L	88				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.: BN111924

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165077BS	1,4-Dioxane	2	1.6	ug/L	80				0	0	
	Naphthalene	0.4	0.36	ug/L	90				0	0	
	1-Methylnaphthalene	0.4	0.37	ug/L	93				0	0	
	2-Methylnaphthalene	0.4	0.37	ug/L	93				0	0	
	Acenaphthylene	0.4	0.36	ug/L	90				0	0	
	Acenaphthene	0.4	0.36	ug/L	90				0	0	
	Fluorene	0.4	0.36	ug/L	90				0	0	
	Pentachlorophenol	0.8	0.59	ug/L	74				0	0	
	Phenanthrene	0.4	0.36	ug/L	90				0	0	
	Anthracene	0.4	0.36	ug/L	90				0	0	
	Fluoranthene	0.4	0.42	ug/L	105				0	0	
	Pyrene	0.4	0.41	ug/L	103				0	0	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				0	0	
	Chrysene	0.4	0.39	ug/L	98				0	0	
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100				0	0	
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				0	0	
	Benzo(a)pyrene	0.4	0.38	ug/L	95				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				0	0	
	Dibenzo(a,h)anthracene	0.4	0.39	ug/L	98				0	0	
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK062

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN111924

SAS No.: BN111924 SDG NO.: BN111924

Lab File ID: BN035165.D

Lab Sample ID: PB165062BL

Instrument ID: BNA_N

Date Extracted: 11/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/19/2024

Level: (low/med) LOW

Time Analyzed: 17:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165062BS	PB165062BS	BN035180.D	11/20/2024
BHK70	P4817-01	BN035167.D	11/19/2024
BHK71	P4817-02	BN035168.D	11/19/2024
BHK71MS	P4817-03MS	BN035169.D	11/19/2024
BHK71MSD	P4817-04MSD	BN035170.D	11/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK072

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN111924

SAS No.: BN111924 SDG NO.: BN111924

Lab File ID: BN035166.D

Lab Sample ID: PB165072BL

Instrument ID: BNA_N

Date Extracted: 11/18/2024

Matrix: (soil/water) Water

Date Analyzed: 11/19/2024

Level: (low/med) LOW

Time Analyzed: 17:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165072BS	PB165072BS	BN035179.D	11/20/2024
A0AT2	P4847-03	BN035173.D	11/19/2024
A0AT5	P4847-04	BN035174.D	11/19/2024
A0AT7	P4847-07	BN035175.D	11/19/2024
A0AT1	P4847-02	BN035160.D	11/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK074

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN111924

SAS No.: BN111924 SDG NO.: BN111924

Lab File ID: BN035158.D

Lab Sample ID: PB165074BL

Instrument ID: BNA_N

Date Extracted: 11/18/2024

Matrix: (soil/water) Water

Date Analyzed: 11/19/2024

Level: (low/med) LOW

Time Analyzed: 12:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E29Z1	P4875-01	BN035162.D	11/19/2024
E29Z3	P4875-02	BN035163.D	11/19/2024
E29Z5	P4875-03	BN035171.D	11/19/2024
E29Z7	P4875-04	BN035172.D	11/19/2024
E2A13	P4875-05	BN035176.D	11/19/2024
PB165074BS	PB165074BS	BN035178.D	11/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK077

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN111924

SAS No.: BN111924 SDG NO.: BN111924

Lab File ID: BN035159.D

Lab Sample ID: PB165077BL

Instrument ID: BNA_N

Date Extracted: 11/18/2024

Matrix: (soil/water) Water

Date Analyzed: 11/19/2024

Level: (low/med) LOW

Time Analyzed: 13:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2A22	P4875-08	BN035184.D	11/20/2024
E2A23	P4875-09	BN035185.D	11/20/2024
E29S9	P4875-11	BN035186.D	11/20/2024
E29Z9	P4875-12	BN035187.D	11/20/2024
PB165077BS	PB165077BS	BN035188.D	11/20/2024
E2A19	P4875-07	BN035177.D	11/20/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN111924

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4817-03MS	Client Sample ID:	BHK71MS					DataFile:	BN035169.D		
1,4-Dioxane	75		29	ug/Kg	39				15	120	
Naphthalene	15		7.4	ug/Kg	49				0	0	
1-Methylnaphthalene	15		8.2	ug/Kg	55				0	0	
2-Methylnaphthalene	15		8.1	ug/Kg	54				0	0	
Acenaphthylene	15		8.2	ug/Kg	55				0	0	
Acenaphthene	15		8.4	ug/Kg	56				31	137	
Fluorene	15		9	ug/Kg	60				0	0	
Pentachlorophenol	30		2.2	ug/Kg	7	*			17	109	
Phenanthrene	15		9.5	ug/Kg	63				0	0	
Anthracene	15		9	ug/Kg	60				0	0	
Fluoranthene	15		11	ug/Kg	73				0	0	
Pyrene	15		11	ug/Kg	73				35	142	
Benzo(a)anthracene	15		9.9	ug/Kg	66				0	0	
Chrysene	15		9.9	ug/Kg	66				0	0	
Benzo(b)fluoranthene	15		11	ug/Kg	73				0	0	
Benzo(k)fluoranthene	15		10	ug/Kg	67				0	0	
Benzo(a)pyrene	15		9.9	ug/Kg	66				0	0	
Indeno(1,2,3-cd)pyrene	15		9	ug/Kg	60				0	0	
Dibenzo(a,h)anthracene	15		8.9	ug/Kg	59				0	0	
Benzo(g,h,i)perylene	15		9	ug/Kg	60				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN111924

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4817-04MSD	Client Sample ID:	BHK71MSD					DataFile:	BN035170.D		
1,4-Dioxane	75		30	ug/Kg	40		3		15	120	50
Naphthalene	15		7.5	ug/Kg	50		2	*	0	0	0
1-Methylnaphthalene	15		8.1	ug/Kg	54		2	*	0	0	0
2-Methylnaphthalene	15		8	ug/Kg	53		2	*	0	0	0
Acenaphthylene	15		8.2	ug/Kg	55		0		0	0	0
Acenaphthene	15		8.5	ug/Kg	57		2		31	137	19
Fluorene	15		8.7	ug/Kg	58		3	*	0	0	0
Pentachlorophenol	30		2.2	ug/Kg	7	*	0		17	109	47
Phenanthrene	15		9.6	ug/Kg	64		2	*	0	0	0
Anthracene	15		9.1	ug/Kg	61		2	*	0	0	0
Fluoranthene	15		10	ug/Kg	67		9	*	0	0	0
Pyrene	15		11	ug/Kg	73		0		35	142	36
Benzo(a)anthracene	15		10	ug/Kg	67		2	*	0	0	0
Chrysene	15		10	ug/Kg	67		2	*	0	0	0
Benzo(b)fluoranthene	15		10	ug/Kg	67		9	*	0	0	0
Benzo(k)fluoranthene	15		10	ug/Kg	67		0		0	0	0
Benzo(a)pyrene	15		10	ug/Kg	67		2	*	0	0	0
Indeno(1,2,3-cd)pyrene	15		10	ug/Kg	67		11	*	0	0	0
Dibenzo(a,h)anthracene	15		10	ug/Kg	67		13	*	0	0	0
Benzo(g,h,i)perylene	15		10	ug/Kg	67		11	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BN111924

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4817-01	BHK70	BN035167.D	1,4-Dioxane-d8	8	1.35	17		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P4817-02	BHK71	BN035168.D	1,4-Dioxane-d8	8	3.56	44		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		20	140
P4817-03MS	BHK71MS	BN035169.D	1,4-Dioxane-d8	0.8	0.31	38		15	120
			Fluoranthene-d10	0.4	0.31	76		30	130
			2-Methylnaphthalene-d10	0.4	0.24	61		20	140
P4817-04MSD	BHK71MSD	BN035170.D	1,4-Dioxane-d8	0.8	0.31	38		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
PB165062BL	PB165062BL	BN035165.D	1,4-Dioxane-d8	8	5.94	74		15	120
		BN035183.D	1,4-Dioxane-d8	8	5.98	75		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
		BN035165.D	Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		20	140
		BN035183.D	2-Methylnaphthalene-d10	0.4	0.34	85		20	140
PB165062BS	PB165062BS	BN035180.D	1,4-Dioxane-d8	0.8	0.68	85		15	120
			Fluoranthene-d10	0.4	0.37	92		30	130
			2-Methylnaphthalene-d10	0.4	0.37	94		20	140

Surrogate Summary

SW-846

SDG No.: BN111924

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4847-02	A0AT1	BN035160.D	1,4-Dioxane-d8	0.8	0.56	70		15	120
			Fluoranthene-d10	0.4	0.46	115		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130
P4847-02DL	A0AT1DL	BN035161.D	1,4-Dioxane-d8	0.8	0.65	81		15	120
			Fluoranthene-d10	0.4	4.85	1213	*	30	130
			2-Methylnaphthalene-d10	0.4	4.25	1063	*	30	130
P4847-03	A0AT2	BN035173.D	1,4-Dioxane-d8	8	4.93	62		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
P4847-04	A0AT5	BN035174.D	1,4-Dioxane-d8	8	4.59	57		15	120
			Fluoranthene-d10	0.4	0.40	101		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
P4847-07	A0AT7	BN035175.D	1,4-Dioxane-d8	8	4.23	53		15	120
			Fluoranthene-d10	0.4	0.48	120		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
PB165072BL	PB165072BL	BN035166.D	1,4-Dioxane-d8	8	5.70	71		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130
PB165072BS	PB165072BS	BN035179.D	1,4-Dioxane-d8	0.8	0.65	81		15	120
			Fluoranthene-d10	0.4	0.37	92		30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130

Surrogate Summary

SW-846

SDG No.: BN111924

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4875-01	E29Z1	BN035162.D	1,4-Dioxane-d8	8	3.40	42		15	120
			Fluoranthene-d10	0.4	0.31	78		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		30	130
P4875-02	E29Z3	BN035163.D	1,4-Dioxane-d8	8	4.19	52		15	120
			Fluoranthene-d10	0.4	0.35	87		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		30	130
P4875-03	E29Z5	BN035171.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.26	66		30	130
P4875-04	E29Z7	BN035172.D	1,4-Dioxane-d8	8	4.00	50		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		30	130
P4875-05	E2A13	BN035176.D	1,4-Dioxane-d8	8	3.89	49		15	120
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
PB165074BL	PB165074BL	BN035158.D	1,4-Dioxane-d8	8	5.81	73		15	120
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
PB165074BS	PB165074BS	BN035178.D	1,4-Dioxane-d8	0.8	0.60	75		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130

Surrogate Summary

SW-846

SDG No.: BN111924

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4875-07	E2A19	BN035177.D	1,4-Dioxane-d8	8	4.51	56		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
P4875-08	E2A22	BN035184.D	1,4-Dioxane-d8	8	4.72	59		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130
P4875-09	E2A23	BN035185.D	1,4-Dioxane-d8	8	4.54	57		15	120
			Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130
P4875-11	E29S9	BN035186.D	1,4-Dioxane-d8	8	4.49	56		15	120
			Fluoranthene-d10	0.4	0.46	115		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		30	130
P4875-12	E29Z9	BN035187.D	1,4-Dioxane-d8	8	4.51	56		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.29	71		30	130
PB165077BL	PB165077BL	BN035182.D	1,4-Dioxane-d8	8	6.39	80		15	120
		BN035159.D	1,4-Dioxane-d8	8	6.28	78		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
		BN035182.D	Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
		BN035159.D	2-Methylnaphthalene-d10	0.4	0.40	99		30	130
PB165077BS	PB165077BS	BN035188.D	1,4-Dioxane-d8	0.8	0.66	83		15	120
			Fluoranthene-d10	0.4	0.46	116		30	130
			2-Methylnaphthalene-d10	0.4	0.41	103		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN111924

Lab Code: CHEM

SAS No.: BN111924

SDG NO.: BN111924

Lab File ID: BN035156.D

DFTPP Injection Date: 11/19/2024

Instrument ID: BNA_N

DFTPP Injection Time: 11:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21.2
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	38.3
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	28.5
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	8.6
442	Greater than 50% of mass 198	57.2
443	15.0 - 24.0% of mass 442	11.4 (19.8) 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
SSTD0.4342	SSTDCCC0.4	BN035157.D	11/19/2024	12:05
SBLK074	PB165074BL	BN035158.D	11/19/2024	12:41
SBLK077	PB165077BL	BN035159.D	11/19/2024	13:17
A0AT1	P4847-02	BN035160.D	11/19/2024	13:53
A0AT1DL	P4847-02DL	BN035161.D	11/19/2024	14:40
E29Z1	P4875-01	BN035162.D	11/19/2024	15:16
E29Z3	P4875-02	BN035163.D	11/19/2024	15:52
SSTD0.4343	SSTDCCC0.4	BN035164.D	11/19/2024	16:28
SBLK062	PB165062BL	BN035165.D	11/19/2024	17:04
SBLK072	PB165072BL	BN035166.D	11/19/2024	17:40
BHK70	P4817-01	BN035167.D	11/19/2024	18:16
BHK71	P4817-02	BN035168.D	11/19/2024	18:52
BHK71MS	P4817-03MS	BN035169.D	11/19/2024	19:28
BHK71MSD	P4817-04MSD	BN035170.D	11/19/2024	20:04
E29Z5	P4875-03	BN035171.D	11/19/2024	20:40
E29Z7	P4875-04	BN035172.D	11/19/2024	21:16
A0AT2	P4847-03	BN035173.D	11/19/2024	21:52
A0AT5	P4847-04	BN035174.D	11/19/2024	22:28

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN111924

Lab Code: CHEM

SAS No.: BN111924 SDG NO.: BN111924

Lab File ID: BN035156.D

DFTPP Injection Date: 11/19/2024

Instrument ID: BNA_N

DFTPP Injection Time: 11:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21.2
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	38.3
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	28.5
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	8.6
442	Greater than 50% of mass 198	57.2
443	15.0 - 24.0% of mass 442	11.4 (19.8) 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
A0AT7	P4847-07	BN035175.D	11/19/2024	23:04
E2A13	P4875-05	BN035176.D	11/19/2024	23:40
E2A19	P4875-07	BN035177.D	11/20/2024	00:16
SLCS074	PB165074BS	BN035178.D	11/20/2024	00:52
SLCS072	PB165072BS	BN035179.D	11/20/2024	01:28
SLCS062	PB165062BS	BN035180.D	11/20/2024	02:04
SSTD020344	SSTDCCC020	BN035181.D	11/20/2024	03:16
SBLK077	PB165077BL	BN035182.D	11/20/2024	03:52
SBLK062	PB165062BL	BN035183.D	11/20/2024	04:28
E2A22	P4875-08	BN035184.D	11/20/2024	05:04
E2A23	P4875-09	BN035185.D	11/20/2024	05:40
E29S9	P4875-11	BN035186.D	11/20/2024	06:16
E29Z9	P4875-12	BN035187.D	11/20/2024	06:52
SLCS077	PB165077BS	BN035188.D	11/20/2024	07:28