

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN091624 SAS No.: BN091624 SDG No.: BN091624

Instrument ID: BNA_N Calibration Date/Time: 9/16/2024 1:13:55

Lab File ID: BN033986.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4310 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.456	0.497	0.010	9.0051	40.0
1,4-Dioxane-d8	0.411	0.448	0.010	8.8698	40.0
Naphthalene	1.070	1.079	0.600	0.8511	30.0
1-Methylnaphthalene	0.697	0.701	0.300	0.5399	30.0
2-Methylnaphthalene	0.678	0.677	0.300	-0.1486	30.0
Acenaphthylene	1.817	1.818	0.900	0.0778	30.0
Acenaphthene	1.311	1.355	0.500	3.3299	30.0
Fluorene	1.465	1.517	0.700	3.5495	30.0
Pentachlorophenol	0.126	0.105	0.010	-16.3228	50.0
Phenanthrene	1.180	1.153	0.300	-2.3182	30.0
Anthracene	1.061	1.044	0.400	-1.5509	30.0
Fluoranthene	1.578	1.547	0.400	-1.9871	30.0
Pyrene	1.675	1.638	0.500	-2.2169	30.0
Benzo (a) anthracene	1.575	1.559	0.400	-0.9759	30.0
Chrysene	1.591	1.595	0.400	0.2876	30.0
Benzo (b) fluoranthene	1.553	1.451	0.200	-6.579	30.0
Benzo (k) fluoranthene	1.553	1.525	0.200	-1.8175	30.0
Benzo (a) pyrene	1.247	1.229	0.200	-1.3885	30.0
Indeno (1,2,3-cd) pyrene	1.873	1.811	0.200	-3.2872	30.0
Dibenzo (a,h) anthracene	1.454	1.409	0.200	-3.1077	30.0
Benzo (g,h,i) perylene	1.463	1.435	0.200	-1.9756	30.0
Fluoranthene-d10	1.192	1.245	0.400	4.3665	30.0
2-Methylnaphthalene-d10	0.574	0.580	0.300	1.0229	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.: BN091624 SAS No.: BN091624 SDG No.: BN091624

Instrument ID: BNA_N Calibration Date/Time: 9/16/2024 1:22:26

Lab File ID: BN033999.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4311 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.456	0.365	0.010	-20.0447	40.0
1,4-Dioxane-d8	0.411	0.333	0.010	-18.9682	40.0
Naphthalene	1.070	1.092	0.600	2.0481	30.0
1-Methylnaphthalene	0.697	0.692	0.300	-0.6818	30.0
2-Methylnaphthalene	0.678	0.671	0.300	-0.9649	30.0
Acenaphthylene	1.817	1.791	0.900	-1.4295	30.0
Acenaphthene	1.311	1.397	0.500	6.5453	30.0
Fluorene	1.465	1.525	0.700	4.0766	30.0
Pentachlorophenol	0.126	0.090	0.010	-28.6147	50.0
Phenanthrene	1.180	1.173	0.300	-0.5843	30.0
Anthracene	1.061	1.003	0.400	-5.4336	30.0
Fluoranthene	1.578	1.648	0.400	4.3929	30.0
Pyrene	1.675	1.730	0.500	3.2524	30.0
Benzo (a) anthracene	1.575	1.507	0.400	-4.283	30.0
Chrysene	1.591	1.713	0.400	7.6742	30.0
Benzo (b) fluoranthene	1.553	1.500	0.200	-3.3859	30.0
Benzo (k) fluoranthene	1.553	1.667	0.200	7.3155	30.0
Benzo (a) pyrene	1.247	1.262	0.200	1.1919	30.0
Indeno (1,2,3-cd) pyrene	1.873	1.937	0.200	3.4224	30.0
Dibenzo (a,h) anthracene	1.454	1.498	0.200	2.9617	30.0
Benzo (g,h,i) perylene	1.463	1.561	0.200	6.6335	30.0
Fluoranthene-d10	1.192	1.303	0.400	9.2685	30.0
2-Methylnaphthalene-d10	0.574	0.572	0.300	-0.3005	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.: BN091624 SAS No.: BN091624 SDG No.: BN091624

Instrument ID: BNA_N Calibration Date/Time: 9/17/2024 1:08:02

Lab File ID: BN034014.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4312 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.456	0.506	0.010	10.824	50.0
1,4-Dioxane-d8	0.411	0.461	0.010	11.9905	50.0
Naphthalene	1.070	1.083	0.600	1.2518	50.0
1-Methylnaphthalene	0.697	0.691	0.300	-0.924	50.0
2-Methylnaphthalene	0.678	0.670	0.300	-1.1934	50.0
Acenaphthylene	1.817	1.787	0.900	-1.6366	50.0
Acenaphthene	1.311	1.393	0.500	6.2037	50.0
Fluorene	1.465	1.547	0.700	5.5888	50.0
Pentachlorophenol	0.126	0.087	0.010	-30.892	50.0
Phenanthrene	1.180	1.182	0.300	0.166	50.0
Anthracene	1.061	1.016	0.400	-4.1957	50.0
Fluoranthene	1.578	1.218	0.400	-22.7962	50.0
Pyrene	1.675	1.284	0.500	-23.3695	50.0
Benzo (a) anthracene	1.575	1.444	0.400	-8.3259	50.0
Chrysene	1.591	1.523	0.400	-4.2587	50.0
Benzo (b) fluoranthene	1.553	1.444	0.200	-7.0172	50.0
Benzo (k) fluoranthene	1.553	1.668	0.200	7.3473	50.0
Benzo (a) pyrene	1.247	1.241	0.200	-0.4786	50.0
Indeno (1,2,3-cd) pyrene	1.873	1.941	0.200	3.6452	50.0
Dibenzo (a,h) anthracene	1.454	1.495	0.200	2.7865	50.0
Benzo (g,h,i) perylene	1.463	1.515	0.200	3.5004	50.0
Fluoranthene-d10	1.192	0.955	0.400	-19.8849	50.0
2-Methylnaphthalene-d10	0.574	0.569	0.300	-0.8663	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK314	SDG No.:	BN091624
Lab Sample ID:	PB163314BL	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
BN033987.D	1	9/11/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163314

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	6.696		15-120		84	SPK: -8
93951-69-0	Fluoranthene-d10	0.341		30-130		85	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.312		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4544	7.477				
1146-65-2	Naphthalene-d8	12634	10.233				
15067-26-2	Acenaphthene-d10	6639	14.124				

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK314	SDG No.:	BN091624
Lab Sample ID:	PB163314BL	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
BN033987.D	1	9/11/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13636	16.877				
1719-03-5	Chrysene-d12	10831	21.095				
1520-96-3	Perylene-d12	10805	23.237				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-06	SDG No.:	BN091624
Lab Sample ID:	P3391-02	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
BN033988.D	1	9/11/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.11	J	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.07	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.07	J	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.07	J	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.07	J	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.07	J	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.07	J	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	J	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.06	J	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.06	J	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.07	J	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.07	J	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.06	J	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.07	J	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.06	J	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.07	J	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.07	J	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.06	J	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.06	J	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.06	J	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.528		15-120		66	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.409		30-130		102	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	4629	7.477				
1146-65-2	Naphthalene-d8	12574	10.238				
15067-26-2	Acenaphthene-d10	6258	14.122				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-06	SDG No.:	BN091624
Lab Sample ID:	P3391-02	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
BN033988.D	1	9/11/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12466	16.88				
1719-03-5	Chrysene-d12	10128	21.096				
1520-96-3	Perylene-d12	11649	23.238				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SBLK397	SDG No.:	BN091624
Lab Sample ID:	PB163397BL	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
BN033989.D	1	9/13/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163397

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	6.748		15-120		84	SPK: -8
93951-69-0	Fluoranthene-d10	0.357		30-130		89	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.313		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6185	7.477				
1146-65-2	Naphthalene-d8	17117	10.233				
15067-26-2	Acenaphthene-d10	8885	14.123				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SBLK397	SDG No.:	BN091624
Lab Sample ID:	PB163397BL	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
BN033989.D	1	9/13/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163397

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18049	16.876				
1719-03-5	Chrysene-d12	14045	21.097				
1520-96-3	Perylene-d12	14615	23.242				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SBLK399	SDG No.:	BN091624
Lab Sample ID:	PB163399BL	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
BN033990.D	1	9/13/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163399

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	6.336		15-120		79	SPK: -8
93951-69-0	Fluoranthene-d10	0.411		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.309		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8508	7.477				
1146-65-2	Naphthalene-d8	24253	10.232				
15067-26-2	Acenaphthene-d10	12865	14.122				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SBLK399	SDG No.:	BN091624
Lab Sample ID:	PB163399BL	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
BN033990.D	1	9/13/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163399

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25607	16.875				
1719-03-5	Chrysene-d12	16042	21.096				
1520-96-3	Perylene-d12	14439	23.238				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	BH7N3	SDG No.:	BN091624
Lab Sample ID:	P3864-01	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
BN033991.D	1	9/5/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163194

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.87		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	6.273		15-120		78	SPK: -8
93951-69-0	Fluoranthene-d10	0.41		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.343		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4702	7.477				
1146-65-2	Naphthalene-d8	12897	10.233				
15067-26-2	Acenaphthene-d10	6513	14.123				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	BH7N3	SDG No.:	BN091624
Lab Sample ID:	P3864-01	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
BN033991.D	1	9/5/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163194

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13288	16.877				
1719-03-5	Chrysene-d12	10003	21.097				
1520-96-3	Perylene-d12	9621	23.243				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SLCS399	SDG No.:	BN091624
Lab Sample ID:	PB163399BS	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
BN033992.D	1	9/13/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163399

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.39		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.44		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		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	0.41		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.39		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.5		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.37		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.37		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.45		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	0.39		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	0.39		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		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	0.806		15-120		101	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.431		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.389		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6262	7.477				
1146-65-2	Naphthalene-d8	16954	10.233				
15067-26-2	Acenaphthene-d10	8227	14.124				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SLCS399	SDG No.:	BN091624
Lab Sample ID:	PB163399BS	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
BN033992.D	1	9/13/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163399

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15945	16.877				
1719-03-5	Chrysene-d12	12362	21.095				
1520-96-3	Perylene-d12	13821	23.237				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK314	SDG No.:	BN091624
Lab Sample ID:	PB163314BL	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
BN033993.D	1	9/11/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163314

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	6.608		15-120		83	SPK: -8
93951-69-0	Fluoranthene-d10	0.352		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.303		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4746	7.477				
1146-65-2	Naphthalene-d8	13333	10.233				
15067-26-2	Acenaphthene-d10	7129	14.123				

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK314	SDG No.:	BN091624
Lab Sample ID:	PB163314BL	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
BN033993.D	1	9/11/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18182	16.877				
1719-03-5	Chrysene-d12	11263	21.097				
1520-96-3	Perylene-d12	9702	23.24				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SLCS352	SDG No.:	BN091624
Lab Sample ID:	PB163352BS	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
BN033994.D	1	9/12/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.2		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.39		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.43		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.3		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.31		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.51		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.37		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	0.4		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.39		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	0.4		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.36		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	0.42		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.47		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.47		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.4		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.891		15-120		111	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.471		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.416		30-130		104	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5888	7.477				
1146-65-2	Naphthalene-d8	15974	10.233				
15067-26-2	Acenaphthene-d10	9396	14.119				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SLCS352	SDG No.:	BN091624
Lab Sample ID:	PB163352BS	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
BN033994.D	1	9/12/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14795	16.877				
1719-03-5	Chrysene-d12	11345	21.095				
1520-96-3	Perylene-d12	12446	23.237				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SLCS355	SDG No.:	BN091624
Lab Sample ID:	PB163355BS	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
BN033995.D	1	9/12/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163355

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.39		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.44		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.42		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.47		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.51		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.37		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.41		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.4		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.41		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	0.41		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.43		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.4		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.4		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.879		15-120		110	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.478		30-130		119	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.419		30-130		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5410	7.477				
1146-65-2	Naphthalene-d8	14643	10.233				
15067-26-2	Acenaphthene-d10	7041	14.124				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SLCS355	SDG No.:	BN091624
Lab Sample ID:	PB163355BS	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
BN033995.D	1	9/12/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163355

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13565	16.877				
1719-03-5	Chrysene-d12	10548	21.095				
1520-96-3	Perylene-d12	11589	23.234				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	SLCS194	SDG No.:	BN091624
Lab Sample ID:	PB163194BS	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
BN033996.D	1	9/5/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163194

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.39		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.44		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.42		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.4		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.64		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.39		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.37		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.4		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.42		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.43		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.45		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.47		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.864		15-120		108	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.45		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.404		30-130		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5586	7.477				
1146-65-2	Naphthalene-d8	15321	10.233				
15067-26-2	Acenaphthene-d10	7503	14.119				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	SLCS194	SDG No.:	BN091624
Lab Sample ID:	PB163194BS	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
BN033996.D	1	9/5/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163194

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15124	16.877				
1719-03-5	Chrysene-d12	12539	21.095				
1520-96-3	Perylene-d12	13942	23.234				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SLCS357	SDG No.:	BN091624
Lab Sample ID:	PB163357BS	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
BN033997.D	1	9/12/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.3		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.44		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.4		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.45		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.52		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.56		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.41		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.4		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.43		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.43		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.45		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.46		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.43		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.43		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.44		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.957		15-120		120	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.506		30-130		126	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	4846	7.477				
1146-65-2	Naphthalene-d8	15823	10.233				
15067-26-2	Acenaphthene-d10	6394	14.119				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	SLCS357	SDG No.:	BN091624
Lab Sample ID:	PB163357BS	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
BN033997.D	1	9/12/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163357

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12730	16.877				
1719-03-5	Chrysene-d12	10126	21.092				
1520-96-3	Perylene-d12	11161	23.234				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP96631			SDG No.:	BN091624		
Lab Sample ID:	SP96631			Matrix:	Water		
Analytical Method:	SFAM_SVOASIM			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN033998.D	1		9/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	0	200	ug/L
91-20-3	Naphthalene	11	U	11	50	100	ug/L
90-12-0	1-Methylnaphthalene	24	U	24	50	100	ug/L
91-57-6	2-Methylnaphthalene	11	U	11	50	100	ug/L
208-96-8	Acenaphthylene	14	U	14	50	100	ug/L
83-32-9	Acenaphthene	13	U	13	50	100	ug/L
86-73-7	Fluorene	22	U	22	50	100	ug/L
87-86-5	Pentachlorophenol	41	U	41	100	200	ug/L
85-01-8	Phenanthrene	14	U	14	50	100	ug/L
120-12-7	Anthracene	11	U	11	50	100	ug/L
206-44-0	Fluoranthene	22	U	22	50	100	ug/L
129-00-0	Pyrene	16	U	16	50	100	ug/L
56-55-3	Benzo(a)anthracene	15	U	15	50	100	ug/L
218-01-9	Chrysene	14	U	14	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	4	U	4	50	100	ug/L
207-08-9	Benzo(k)fluoranthene	19	U	19	50	100	ug/L
50-32-8	Benzo(a)pyrene	12	U	12	50	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	23	U	23	50	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	26	U	26	50	100	ug/L
191-24-2	Benzo(g,h,i)perylene	25	U	25	50	100	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	17197	*	15-120		214963	SPK: -8
93951-69-0	Fluoranthene-d10	1169	*	30-130		292250	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	770	*	30-130		192500	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4888		7.477			
1146-65-2	Naphthalene-d8	13737		10.233			
15067-26-2	Acenaphthene-d10	7604		14.119			

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP96631			SDG No.:	BN091624		
Lab Sample ID:	SP96631			Matrix:	Water		
Analytical Method:	SFAM_SVOASIM			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN033998.D	1		9/16/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15044	16.877				
1719-03-5	Chrysene-d12	11291	21.098				
1520-96-3	Perylene-d12	10152	23.237				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	31	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SBLK436	SDG No.:	BN091624
Lab Sample ID:	PB163436BL	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
BN034000.D	1	9/16/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163436

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	6.443		15-120		81	SPK: -8
93951-69-0	Fluoranthene-d10	0.337		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.296		30-130		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4954	7.477				
1146-65-2	Naphthalene-d8	13782	10.232				
15067-26-2	Acenaphthene-d10	7422	14.122				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SBLK436	SDG No.:	BN091624
Lab Sample ID:	PB163436BL	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
BN034000.D	1	9/16/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15270	16.875				
1719-03-5	Chrysene-d12	12210	21.096				
1520-96-3	Perylene-d12	12225	23.235				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SBLK438	SDG No.:	BN091624
Lab Sample ID:	PB163438BL	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
BN034001.D	1	9/16/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163438

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	5.637		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.426		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.445		30-130		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5866	7.477				
1146-65-2	Naphthalene-d8	11575	10.232				
15067-26-2	Acenaphthene-d10	6205	14.122				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SBLK438	SDG No.:	BN091624
Lab Sample ID:	PB163438BL	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
BN034001.D	1	9/16/2024 12:00:00 AM	9/16/2024 12:00:00 AM	PB163438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12849	16.875				
1719-03-5	Chrysene-d12	9786	21.093				
1520-96-3	Perylene-d12	9215	23.232				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0B70	SDG No.:	BN091624
Lab Sample ID:	P3994-02	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
BN034002.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163436

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	3.896		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.479		30-130		120	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.299		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7110	7.477				
1146-65-2	Naphthalene-d8	19744	10.233				
15067-26-2	Acenaphthene-d10	10556	14.119				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0B70	SDG No.:	BN091624
Lab Sample ID:	P3994-02	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
BN034002.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21848	16.877				
1719-03-5	Chrysene-d12	16024	21.095				
1520-96-3	Perylene-d12	11570	23.234				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0B21	SDG No.:	BN091624
Lab Sample ID:	P3994-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	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
BN034003.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.4	E	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	12.573	*	15-120		157	SPK: -8
93951-69-0	Fluoranthene-d10	0.419		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.317		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4069	7.477				
1146-65-2	Naphthalene-d8	11332	10.233				
15067-26-2	Acenaphthene-d10	6052	14.119				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0B21	SDG No.:	BN091624
Lab Sample ID:	P3994-05	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
BN034003.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12697	16.877				
1719-03-5	Chrysene-d12	10029	21.095				
1520-96-3	Perylene-d12	9681	23.234				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0B22	SDG No.:	BN091624
Lab Sample ID:	P3994-06	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
BN034004.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.29		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.59		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.289		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.279		30-130		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4334		7.477			
1146-65-2	Naphthalene-d8	12131		10.233			
15067-26-2	Acenaphthene-d10	7720		14.119			

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0B22	SDG No.:	BN091624
Lab Sample ID:	P3994-06	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
BN034004.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13485	16.877				
1719-03-5	Chrysene-d12	14213	21.092				
1520-96-3	Perylene-d12	10671	23.228				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0B27	SDG No.:	BN091624
Lab Sample ID:	P3994-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	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
BN034005.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	E	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	5.737		15-120		72	SPK: -8
93951-69-0	Fluoranthene-d10	0.41		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.284		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4508	7.477				
1146-65-2	Naphthalene-d8	12512	10.233				
15067-26-2	Acenaphthene-d10	6509	14.119				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	C0B27	SDG No.:	BN091624
Lab Sample ID:	P3994-07	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
BN034005.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13391	16.872				
1719-03-5	Chrysene-d12	10600	21.092				
1520-96-3	Perylene-d12	10286	23.231				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0AS1	SDG No.:	BN091624
Lab Sample ID:	P3997-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	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
BN034006.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163436

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	6.147		15-120		77	SPK: -8
93951-69-0	Fluoranthene-d10	0.49		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.311		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4539	7.473				
1146-65-2	Naphthalene-d8	18250	10.233				
15067-26-2	Acenaphthene-d10	6534	14.119				

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0AS1	SDG No.:	BN091624
Lab Sample ID:	P3997-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034006.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13001	16.872				
1719-03-5	Chrysene-d12	10127	21.092				
1520-96-3	Perylene-d12	9927	23.228				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0AS3	SDG No.:	BN091624
Lab Sample ID:	P3997-11	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 :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034007.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.88		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	6.327		15-120		79	SPK: -8
93951-69-0	Fluoranthene-d10	0.512		30-130		128	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.576	*	30-130		144	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4558		7.473			
1146-65-2	Naphthalene-d8	12985		10.228			
15067-26-2	Acenaphthene-d10	28397		14.119			

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0AS3	SDG No.:	BN091624
Lab Sample ID:	P3997-11	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
BN034007.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16287	16.872				
1719-03-5	Chrysene-d12	13001	21.089				
1520-96-3	Perylene-d12	12265	23.228				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0AT1	SDG No.:	BN091624
Lab Sample ID:	P3997-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	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
BN034008.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163438

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	6.455		15-120		81	SPK: -8
93951-69-0	Fluoranthene-d10	0.519		30-130		130	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.435		30-130		109	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4628		7.473			
1146-65-2	Naphthalene-d8	13027		10.228			
15067-26-2	Acenaphthene-d10	7070		14.119			

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	C0AT1	SDG No.:	BN091624
Lab Sample ID:	P3997-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034008.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14487	16.872				
1719-03-5	Chrysene-d12	11299	21.092				
1520-96-3	Perylene-d12	10877	23.231				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AP7	SDG No.:	BN091624
Lab Sample ID:	P3997-13	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
BN034009.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163438

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	9.202		15-120		115	SPK: -8
93951-69-0	Fluoranthene-d10	0.45		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.318		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4150	7.477				
1146-65-2	Naphthalene-d8	11506	10.233				
15067-26-2	Acenaphthene-d10	6217	14.119				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AP7	SDG No.:	BN091624
Lab Sample ID:	P3997-13	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
BN034009.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12540	16.872				
1719-03-5	Chrysene-d12	9689	21.089				
1520-96-3	Perylene-d12	9543	23.228				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AP9	SDG No.:	BN091624
Lab Sample ID:	P3997-14	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034010.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163438

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	3.376		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.413		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.282		30-130		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8069	7.473				
1146-65-2	Naphthalene-d8	21988	10.228				
15067-26-2	Acenaphthene-d10	10984	14.119				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AP9	SDG No.:	BN091624
Lab Sample ID:	P3997-14	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
BN034010.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22308	16.873				
1719-03-5	Chrysene-d12	15801	21.092				
1520-96-3	Perylene-d12	11391	23.231				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AR0	SDG No.:	BN091624
Lab Sample ID:	P3997-15	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	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
BN034011.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163438

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	6.424		15-120		80	SPK: -8
93951-69-0	Fluoranthene-d10	0.447		30-130		112	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.339		30-130		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4596	7.473				
1146-65-2	Naphthalene-d8	12701	10.228				
15067-26-2	Acenaphthene-d10	6500	14.119				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	C0AR0	SDG No.:	BN091624
Lab Sample ID:	P3997-15	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
BN034011.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15420	16.872				
1719-03-5	Chrysene-d12	10056	21.092				
1520-96-3	Perylene-d12	9684	23.228				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SLCS436	SDG No.:	BN091624
Lab Sample ID:	PB163436BS	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
BN034012.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163436

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	0.39		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.43		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	0.42		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.27		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.46		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.37		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		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	0.35		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	0.36		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		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	0.619		15-120		77	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.417		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.359		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6695	7.473				
1146-65-2	Naphthalene-d8	20545	10.233				
15067-26-2	Acenaphthene-d10	9561	14.119				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SLCS436	SDG No.:	BN091624
Lab Sample ID:	PB163436BS	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
BN034012.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163436

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13375	16.877				
1719-03-5	Chrysene-d12	10695	21.089				
1520-96-3	Perylene-d12	11544	23.231				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SLCS438	SDG No.:	BN091624
Lab Sample ID:	PB163438BS	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
BN034013.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.41		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.34		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.4		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.37		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.45		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	0.27		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.27		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.35		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.41		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.34		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	0.39		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.36		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.661		15-120		83	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.286		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.361		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5286	7.473				
1146-65-2	Naphthalene-d8	11735	10.233				
15067-26-2	Acenaphthene-d10	5744	14.119				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SLCS438	SDG No.:	BN091624
Lab Sample ID:	PB163438BS	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
BN034013.D	1	9/16/2024 12:00:00 AM	9/17/2024 12:00:00 AM	PB163438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11510	16.877				
1719-03-5	Chrysene-d12	12902	21.092				
1520-96-3	Perylene-d12	10105	23.234				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN082724 SAS No.: BN082724 SDG No.: BN082724
Instrument ID: _____ Calibration Date(s): 8/27/2024 : _____
Calibration Time(s): 11:11 _____

LAB FILE ID:		RRFAL1 = BN033630.D			RRFAL2 = BN033631.D		RRFAL3 = BN033632.D	
		RRFAL4 = BN033633.D			RRFAL5 = BN033634.D		RRFAL6 = BN033635.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.431	0.466	0.456	0.462	0.466	0.456	3.2
1,4-Dioxane-d8		0.401	0.416	0.418	0.407	0.414	0.411	1.8
Naphthalene	1.091	1.065	1.051	1.093	1.048		1.070	2.0
1-Methylnaphthalene	0.714	0.694	0.690	0.701	0.686		0.697	1.6
2-Methylnaphthalene	0.692	0.670	0.668	0.689	0.670		0.678	1.7
Acenaphthylene	1.867	1.787	1.811	1.821	1.797		1.817	1.7
Acenaphthene	1.337	1.286	1.321	1.328	1.284		1.311	1.9
Fluorene	1.484	1.440	1.485	1.469	1.449		1.465	1.4
Pentachlorophenol		0.126	0.117	0.122	0.127	0.137	0.126	5.8
Phenanthrene	1.278	1.166	1.111	1.194	1.150		1.180	5.3
Anthracene	1.084	1.054	1.009	1.082	1.073		1.061	3.0
Fluoranthene	1.746	1.573	1.488	1.548	1.536		1.578	6.3
Pyrene	1.871	1.684	1.579	1.636	1.606		1.675	6.9
Benzo(a)anthracene	1.790	1.605	1.476	1.490	1.514		1.575	8.3
Chrysene	1.874	1.628	1.481	1.500	1.471		1.591	10.7
Benzo(b)fluoranthene	1.812	1.530	1.451	1.544	1.426		1.553	9.9
Benzo(k)fluoranthene	1.811	1.560	1.433	1.492	1.471		1.553	9.7
Benzo(a)pyrene	1.392	1.240	1.158	1.237	1.206		1.247	7.0
Indeno(1,2,3-cd)pyrene	2.186	1.873	1.728	1.842	1.735		1.873	9.9
Dibenzo(a,h)anthracene	1.682	1.466	1.340	1.430	1.354		1.454	9.5
Benzo(g,h,i)perylene	1.693	1.462	1.354	1.457	1.352		1.463	9.5
Fluoranthene-d10	1.218	1.193	1.154	1.197	1.200		1.192	2.0
2-Methylnaphthalene-d10	0.590	0.571	0.566	0.576	0.566		0.574	1.7

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.: BN091624 SAS No.: BN091624 SDG NO.: BN091624

EPA Sample No.: SSTD0.4204

Date Analyzed: Sep 16 2024 12:00AM

Lab File ID: BN033632.D

Time Analyzed: 14:31

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	5619	7.54	15327	10.30	7957	14.18
	UPPER LIMIT	11238	8.04	30654	10.798	15914	14.678
	LOWER LIMIT	2809.5	7.04	7663.5	9.798	3978.5	13.678
	EPA SAMPLE NO.						
01	SBLK314	4544	7.48	12634	10.23	6639	14.12
02	MDL-WATER-QT3-2024-06	4629	7.48	12574	10.24	6258	14.12
03	SBLK397	6185	7.48	17117	10.23	8885	14.12
04	SBLK399	8508	7.48	24253	10.23	12865	14.12
05	BH7N3	4702	7.48	12897	10.23	6513	14.12
06	SLCS399	6262	7.48	16954	10.23	8227	14.12
07	SBLK314	4746	7.48	13333	10.23	7129	14.12
08	SLCS352	5888	7.48	15974	10.23	9396	14.12
09	SLCS355	5410	7.48	14643	10.23	7041	14.12
10	SLCS194	5586	7.48	15321	10.23	7503	14.12
11	SLCS357	4846	7.48	15823	10.23	6394	14.12
12	SP96631	4888	7.48	13737	10.23	7604	14.12
13	SBLK436	4954	7.48	13782	10.23	7422	14.12
14	SBLK438	5866	7.48	11575	10.23	6205	14.12
15	C0B70	7110	7.48	19744	10.23	10556	14.12
16	C0B21	4069	7.48	11332	10.23	6052	14.12
17	C0B22	4334	7.48	12131	10.23	7720	14.12
18	C0B27	4508	7.48	12512	10.23	6509	14.12
19	C0AS1	4539	7.47	18250	10.23	6534	14.12
20	C0AS3	4558	7.47	12985	10.23	28397 *	14.12
21	C0AT1	4628	7.47	13027	10.23	7070	14.12
22	C0AP7	4150	7.48	11506	10.23	6217	14.12
23	C0AP9	8069	7.47	21988	10.23	10984	14.12

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN091624 SAS No.: BN091624 SDG NO.: BN091624

EPA Sample No.: SSTD0.4204 Date Analyzed: Sep 17 2024 12:00AM

Lab File ID: BN033632.D Time Analyzed: 05:38

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	5619	7.54	15327	10.30	7957	14.18
UPPER LIMIT	11238	8.04	30654	10.798	15914	14.678
LOWER LIMIT	2809.5	7.04	7663.5	9.798	3978.5	13.678
EPA SAMPLE NO.						
24 COAR0	4596	7.47	12701	10.23	6500	14.12
25 SLCS436	6695	7.47	20545	10.23	9561	14.12
26 SLCS438	5286	7.47	11735	10.23	5744	14.12

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.: BN091624 SAS No.: BN091624 SDG NO.: BN091624

EPA Sample No.: SSTD0.4310 Date Analyzed: Sep 16 2024 12:00AM

Lab File ID: BN033986.D Time Analyzed: 14:31

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	6683	7.477	18228	10.23	9151	14.12
UPPER LIMIT	13366	7.977	36456	10.733	18302	14.623
LOWER LIMIT	3341.5	6.977	9114	9.733	4575.5	13.623
EPA SAMPLE NO.						
01 SBLK314	4544	7.48	12634	10.23	6639	14.12
02 MDL-WATER-QT3-2024-06	4629	7.48	12574	10.24	6258	14.12
03 SBLK397	6185	7.48	17117	10.23	8885	14.12
04 SBLK399	8508	7.48	24253	10.23	12865	14.12
05 BH7N3	4702	7.48	12897	10.23	6513	14.12
06 SLCS399	6262	7.48	16954	10.23	8227	14.12
07 SBLK314	4746	7.48	13333	10.23	7129	14.12
08 SLCS352	5888	7.48	15974	10.23	9396	14.12
09 SLCS355	5410	7.48	14643	10.23	7041	14.12
10 SLCS194	5586	7.48	15321	10.23	7503	14.12
11 SLCS357	4846	7.48	15823	10.23	6394	14.12
12 SP96631	4888	7.48	13737	10.23	7604	14.12

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.: BN091624 SAS No.: BN091624 SDG NO.: BN091624

EPA Sample No.: SSTD0.4311 Date Analyzed: Sep 16 2024 12:00AM

Lab File ID: BN033999.D Time Analyzed: 23:02

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	6170	7.477	11327	10.23	5510	14.12
	UPPER LIMIT	12340	7.977	22654	10.733	11020	14.619
	LOWER LIMIT	3085	6.977	5663.5	9.733	2755	13.619
	EPA SAMPLE NO.						
01	SBLK436	4954	7.48	13782	10.23	7422	14.12
02	SBLK438	5866	7.48	11575	10.23	6205	14.12
03	C0B70	7110	7.48	19744	10.23	10556	14.12
04	C0B21	4069	7.48	11332	10.23	6052	14.12
05	C0B22	4334	7.48	12131	10.23	7720	14.12
06	C0B27	4508	7.48	12512	10.23	6509	14.12
07	C0AS1	4539	7.47	18250	10.23	6534	14.12
08	C0AS3	4558	7.47	12985	10.23	28397 *	14.12
09	C0AT1	4628	7.47	13027	10.23	7070	14.12
10	C0AP7	4150	7.48	11506	10.23	6217	14.12
11	C0AP9	8069	7.47	21988	10.23	10984	14.12
12	C0AR0	4596	7.47	12701	10.23	6500	14.12
13	SLCS436	6695	7.47	20545	10.23	9561	14.12
14	SLCS438	5286	7.47	11735	10.23	5744	14.12

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.: BN091624 SAS No.: BN091624 SDG NO.: BN091624

EPA Sample No.: SSTD0.4204 Date Analyzed: Sep 16 2024 12:00AM

Lab File ID: BN033632.D Time Analyzed: 14:31

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	16648	16.93	14141	21.137	15253	23.3
	UPPER LIMIT	33296	17.43	28282	21.637	30506	23.8
	LOWER LIMIT	8324	16.43	7070.5	20.637	7626.5	22.8
	EPA SAMPLE NO.						
01	SBLK314	13636	16.88	10831	21.10	10805	23.24
02	MDL-WATER-QT3-2024-06	12466	16.88	10128	21.10	11649	23.24
03	SBLK397	18049	16.88	14045	21.10	14615	23.24
04	SBLK399	25607	16.88	16042	21.10	14439	23.24
05	BH7N3	13288	16.88	10003	21.10	9621	23.24
06	SLCS399	15945	16.88	12362	21.10	13821	23.24
07	SBLK314	18182	16.88	11263	21.10	9702	23.24
08	SLCS352	14795	16.88	11345	21.10	12446	23.24
09	SLCS355	13565	16.88	10548	21.10	11589	23.23
10	SLCS194	15124	16.88	12539	21.10	13942	23.23
11	SLCS357	12730	16.88	10126	21.09	11161	23.23
12	SP96631	15044	16.88	11291	21.10	10152	23.24
13	SBLK436	15270	16.88	12210	21.10	12225	23.24
14	SBLK438	12849	16.88	9786	21.09	9215	23.23
15	C0B70	21848	16.88	16024	21.10	11570	23.23
16	C0B21	12697	16.88	10029	21.10	9681	23.23
17	C0B22	13485	16.88	14213	21.09	10671	23.23
18	C0B27	13391	16.87	10600	21.09	10286	23.23
19	C0AS1	13001	16.87	10127	21.09	9927	23.23
20	C0AS3	16287	16.87	13001	21.09	12265	23.23
21	C0AT1	14487	16.87	11299	21.09	10877	23.23

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN091624 SAS No.: BN091624 SDG NO.: BN091624

EPA Sample No.: SSTD0.4204 Date Analyzed: Sep 17 2024 12:00AM

Lab File ID: BN033632.D Time Analyzed: 04:26

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	16648	16.93	14141	21.137	15253	23.3
UPPER LIMIT	33296	17.43	28282	21.637	30506	23.8
LOWER LIMIT	8324	16.43	7070.5	20.637	7626.5	22.8
EPA SAMPLE NO.						
22 C0AP7	12540	16.87	9689	21.09	9543	23.23
23 C0AP9	22308	16.87	15801	21.09	11391	23.23
24 C0AR0	15420	16.87	10056	21.09	9684	23.23
25 SLCS436	13375	16.88	10695	21.09	11544	23.23
26 SLCS438	11510	16.88	12902	21.09	10105	23.23

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.: BN091624 SAS No.: BN091624 SDG NO.: BN091624

EPA Sample No.: SSTD0.4310 Date Analyzed: Sep 16 2024 12:00AM

Lab File ID: BN033986.D Time Analyzed: 14:31

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	18517	16.877	15718	21.095	17822	23.234
UPPER LIMIT	37034	17.377	31436	21.595	35644	23.734
LOWER LIMIT	9258.5	16.377	7859	20.595	8911	22.734
EPA SAMPLE NO.						
01 SBLK314	13636	16.88	10831	21.10	10805	23.24
02 MDL-WATER-QT3-2024-06	12466	16.88	10128	21.10	11649	23.24
03 SBLK397	18049	16.88	14045	21.10	14615	23.24
04 SBLK399	25607	16.88	16042	21.10	14439	23.24
05 BH7N3	13288	16.88	10003	21.10	9621	23.24
06 SLCS399	15945	16.88	12362	21.10	13821	23.24
07 SBLK314	18182	16.88	11263	21.10	9702	23.24
08 SLCS352	14795	16.88	11345	21.10	12446	23.24
09 SLCS355	13565	16.88	10548	21.10	11589	23.23
10 SLCS194	15124	16.88	12539	21.10	13942	23.23
11 SLCS357	12730	16.88	10126	21.09	11161	23.23
12 SP96631	15044	16.88	11291	21.10	10152	23.24

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.: BN091624 SAS No.: BN091624 SDG NO.: BN091624

EPA Sample No.: SSTD0.4311 Date Analyzed: Sep 16 2024 12:00AM

Lab File ID: BN033999.D Time Analyzed: 23:02

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	10875	16.877	8785	21.095	9784	23.234
UPPER LIMIT	21750	17.377	17570	21.595	19568	23.734
LOWER LIMIT	5437.5	16.377	4392.5	20.595	4892	22.734
EPA SAMPLE NO.						
01 SBLK436	15270	16.88	12210	21.10	12225	23.24
02 SBLK438	12849	16.88	9786	21.09	9215	23.23
03 C0B70	21848 *	16.88	16024	21.10	11570	23.23
04 C0B21	12697	16.88	10029	21.10	9681	23.23
05 C0B22	13485	16.88	14213	21.09	10671	23.23
06 C0B27	13391	16.87	10600	21.09	10286	23.23
07 C0AS1	13001	16.87	10127	21.09	9927	23.23
08 C0AS3	16287	16.87	13001	21.09	12265	23.23
09 C0AT1	14487	16.87	11299	21.09	10877	23.23
10 C0AP7	12540	16.87	9689	21.09	9543	23.23
11 C0AP9	22308 *	16.87	15801	21.09	11391	23.23
12 C0AR0	15420	16.87	10056	21.09	9684	23.23
13 SLCS436	13375	16.88	10695	21.09	11544	23.23
14 SLCS438	11510	16.88	12902	21.09	10105	23.23

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.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163194BS	1,4-Dioxane	2	2.1	ug/L	105				0	0	
	Naphthalene	0.4	0.39	ug/L	98				0	0	
	1-Methylnaphthalene	0.4	0.44	ug/L	110				0	0	
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0	
	Acenaphthylene	0.4	0.37	ug/L	93				0	0	
	Acenaphthene	0.4	0.42	ug/L	105				0	0	
	Fluorene	0.4	0.4	ug/L	100				0	0	
	Pentachlorophenol	0.8	0.64	ug/L	80				0	0	
	Phenanthrene	0.4	0.39	ug/L	98				0	0	
	Anthracene	0.4	0.37	ug/L	93				0	0	
	Fluoranthene	0.4	0.4	ug/L	100				0	0	
	Pyrene	0.4	0.4	ug/L	100				0	0	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				0	0	
	Chrysene	0.4	0.42	ug/L	105				0	0	
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0	
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105				0	0	
	Benzo(a)pyrene	0.4	0.43	ug/L	108				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.45	ug/L	113				0	0	
	Dibenzo(a,h)anthracene	0.4	0.47	ug/L	117				0	0	
	Benzo(g,h,i)perylene	0.4	0.41	ug/L	103				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163352BS	1,4-Dioxane	2	2.2	ug/L	110				0	0		
	Naphthalene	0.4	0.39	ug/L	98				0	0		
	1-Methylnaphthalene	0.4	0.43	ug/L	108				0	0		
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	Acenaphthylene	0.4	0.3	ug/L	75				0	0		
	Acenaphthene	0.4	0.41	ug/L	103				0	0		
	Fluorene	0.4	0.31	ug/L	78				0	0		
	Pentachlorophenol	0.8	0.51	ug/L	64				0	0		
	Phenanthrene	0.4	0.37	ug/L	93				0	0		
	Anthracene	0.4	0.36	ug/L	90				0	0		
	Fluoranthene	0.4	0.4	ug/L	100				0	0		
	Pyrene	0.4	0.39	ug/L	98				0	0		
	Benzo(a)anthracene	0.4	0.36	ug/L	90				0	0		
	Chrysene	0.4	0.4	ug/L	100				0	0		
	Benzo(b)fluoranthene	0.4	0.36	ug/L	90				0	0		
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)pyrene	0.4	0.42	ug/L	105				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.47	ug/L	117				0	0		
	Dibenzo(a,h)anthracene	0.4	0.47	ug/L	117				0	0		
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163355BS	1,4-Dioxane	2	2.1	ug/L	105				0	0		
	Naphthalene	0.4	0.39	ug/L	98				0	0		
	1-Methylnaphthalene	0.4	0.44	ug/L	110				0	0		
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	Acenaphthylene	0.4	0.37	ug/L	93				0	0		
	Acenaphthene	0.4	0.42	ug/L	105				0	0		
	Fluorene	0.4	0.47	ug/L	117				0	0		
	Pentachlorophenol	0.8	0.51	ug/L	64				0	0		
	Phenanthrene	0.4	0.38	ug/L	95				0	0		
	Anthracene	0.4	0.37	ug/L	93				0	0		
	Fluoranthene	0.4	0.41	ug/L	103				0	0		
	Pyrene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)anthracene	0.4	0.37	ug/L	93				0	0		
	Chrysene	0.4	0.41	ug/L	103				0	0		
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(k)fluoranthene	0.4	0.41	ug/L	103				0	0		
	Benzo(a)pyrene	0.4	0.43	ug/L	108				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.4	ug/L	100				0	0		
	Dibenzo(a,h)anthracene	0.4	0.4	ug/L	100				0	0		
	Benzo(g,h,i)perylene	0.4	0.42	ug/L	105				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163357BS	1,4-Dioxane	2	2.3	ug/L	115				0	0		
	Naphthalene	0.4	0.44	ug/L	110				0	0		
	1-Methylnaphthalene	0.4	0.4	ug/L	100				0	0		
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	Acenaphthylene	0.4	0.4	ug/L	100				0	0		
	Acenaphthene	0.4	0.45	ug/L	113				0	0		
	Fluorene	0.4	0.52	ug/L	130				0	0		
	Pentachlorophenol	0.8	0.56	ug/L	70				0	0		
	Phenanthrene	0.4	0.41	ug/L	103				0	0		
	Anthracene	0.4	0.4	ug/L	100				0	0		
	Fluoranthene	0.4	0.43	ug/L	108				0	0		
	Pyrene	0.4	0.43	ug/L	108				0	0		
	Benzo(a)anthracene	0.4	0.39	ug/L	98				0	0		
	Chrysene	0.4	0.45	ug/L	113				0	0		
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				0	0		
	Benzo(k)fluoranthene	0.4	0.45	ug/L	113				0	0		
	Benzo(a)pyrene	0.4	0.46	ug/L	115				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.43	ug/L	108				0	0		
	Dibenzo(a,h)anthracene	0.4	0.43	ug/L	108				0	0		
	Benzo(g,h,i)perylene	0.4	0.44	ug/L	110				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163399BS	1,4-Dioxane	2	2.1	ug/L	105				0	0		
	Naphthalene	0.4	0.39	ug/L	98				0	0		
	1-Methylnaphthalene	0.4	0.44	ug/L	110				0	0		
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	Acenaphthylene	0.4	0.36	ug/L	90				0	0		
	Acenaphthene	0.4	0.41	ug/L	103				0	0		
	Fluorene	0.4	0.39	ug/L	98				0	0		
	Pentachlorophenol	0.8	0.5	ug/L	63				0	0		
	Phenanthrene	0.4	0.37	ug/L	93				0	0		
	Anthracene	0.4	0.37	ug/L	93				0	0		
	Fluoranthene	0.4	0.4	ug/L	100				0	0		
	Pyrene	0.4	0.45	ug/L	113				0	0		
	Benzo(a)anthracene	0.4	0.36	ug/L	90				0	0		
	Chrysene	0.4	0.39	ug/L	98				0	0		
	Benzo(b)fluoranthene	0.4	0.35	ug/L	88				0	0		
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98				0	0		
	Benzo(a)pyrene	0.4	0.42	ug/L	105				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				0	0		
	Dibenzo(a,h)anthracene	0.4	0.38	ug/L	95				0	0		
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163436BS	1,4-Dioxane	2	1.6	ug/L	80				0	0		
	Naphthalene	0.4	0.39	ug/L	98				0	0		
	1-Methylnaphthalene	0.4	0.43	ug/L	108				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	0.42	ug/L	105				0	0		
	Fluorene	0.4	0.27	ug/L	68				0	0		
	Pentachlorophenol	0.8	0.46	ug/L	58				0	0		
	Phenanthrene	0.4	0.37	ug/L	93				0	0		
	Anthracene	0.4	0.35	ug/L	88				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	0.35	ug/L	88				0	0		
	Chrysene	0.4	0.39	ug/L	98				0	0		
	Benzo(b)fluoranthene	0.4	0.36	ug/L	90				0	0		
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98				0	0		
	Benzo(a)pyrene	0.4	0.41	ug/L	103				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.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163438BS	1,4-Dioxane	2	1.7	ug/L	85				0	0		
	Naphthalene	0.4	0.37	ug/L	93				0	0		
	1-Methylnaphthalene	0.4	0.41	ug/L	103				0	0		
	2-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	Acenaphthylene	0.4	0.34	ug/L	85				0	0		
	Acenaphthene	0.4	0.4	ug/L	100				0	0		
	Fluorene	0.4	0.37	ug/L	93				0	0		
	Pentachlorophenol	0.8	0.45	ug/L	56				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	0.27	ug/L	68				0	0		
	Pyrene	0.4	0.27	ug/L	68				0	0		
	Benzo(a)anthracene	0.4	0.35	ug/L	88				0	0		
	Chrysene	0.4	0.41	ug/L	103				0	0		
	Benzo(b)fluoranthene	0.4	0.34	ug/L	85				0	0		
	Benzo(k)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(a)pyrene	0.4	0.39	ug/L	98				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.36	ug/L	90				0	0		
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0		
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP96631

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN091624

SAS No.: BN091624 SDG NO.: BN091624

Lab File ID: BN033998.D

Lab Sample ID: SP96631

Instrument ID: BNA_N

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 09/16/2024

Level: (low/med) LOW

Time Analyzed: 21:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP96631	SP96631	BN033998.D	09/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS194

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN091624

SAS No.: BN091624 SDG NO.: BN091624

Lab File ID: BN033996.D

Lab Sample ID: PB163194BS

Instrument ID: BNA_N

Date Extracted: 09/05/2024

Matrix: (soil/water) Water

Date Analyzed: 09/16/2024

Level: (low/med) LOW

Time Analyzed: 20:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163194BS	PB163194BS	BN033996.D	09/16/2024
BH7N3	P3864-01	BN033991.D	09/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK314

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN091624

SAS No.: BN091624 SDG NO.: BN091624

Lab File ID: BN033993.D

Lab Sample ID: PB163314BL

Instrument ID: BNA_N

Date Extracted: 09/11/2024

Matrix: (soil/water) Water

Date Analyzed: 09/16/2024

Level: (low/med) LOW

Time Analyzed: 18:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT3-2024-06	P3391-02	BN033988.D	09/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS352

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN091624

SAS No.: BN091624 SDG NO.: BN091624

Lab File ID: BN033994.D

Lab Sample ID: PB163352BS

Instrument ID: BNA_N

Date Extracted: 09/12/2024

Matrix: (soil/water) Water

Date Analyzed: 09/16/2024

Level: (low/med) LOW

Time Analyzed: 18:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163352BS	PB163352BS	BN033994.D	09/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS355

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN091624

SAS No.: BN091624 SDG NO.: BN091624

Lab File ID: BN033995.D

Lab Sample ID: PB163355BS

Instrument ID: BNA_N

Date Extracted: 09/12/2024

Matrix: (soil/water) Water

Date Analyzed: 09/16/2024

Level: (low/med) LOW

Time Analyzed: 19:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163355BS	PB163355BS	BN033995.D	09/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS357

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN091624

SAS No.: BN091624 SDG NO.: BN091624

Lab File ID: BN033997.D

Lab Sample ID: PB163357BS

Instrument ID: BNA_N

Date Extracted: 09/12/2024

Matrix: (soil/water) Water

Date Analyzed: 09/16/2024

Level: (low/med) LOW

Time Analyzed: 20:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163357BS	PB163357BS	BN033997.D	09/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK397

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN091624

SAS No.: BN091624 SDG NO.: BN091624

Lab File ID: BN033989.D

Lab Sample ID: PB163397BL

Instrument ID: BNA_N

Date Extracted: 09/13/2024

Matrix: (soil/water) Water

Date Analyzed: 09/16/2024

Level: (low/med) LOW

Time Analyzed: 15:49

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK399

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN091624

SAS No.: BN091624 SDG NO.: BN091624

Lab File ID: BN033990.D

Lab Sample ID: PB163399BL

Instrument ID: BNA_N

Date Extracted: 09/13/2024

Matrix: (soil/water) Water

Date Analyzed: 09/16/2024

Level: (low/med) LOW

Time Analyzed: 16:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163399BS	PB163399BS	BN033992.D	09/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK436

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN091624

SAS No.: BN091624 SDG NO.: BN091624

Lab File ID: BN034000.D

Lab Sample ID: PB163436BL

Instrument ID: BNA_N

Date Extracted: 09/16/2024

Matrix: (soil/water) Water

Date Analyzed: 09/16/2024

Level: (low/med) LOW

Time Analyzed: 23:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163436BS	PB163436BS	BN034012.D	09/17/2024
C0B70	P3994-02	BN034002.D	09/17/2024
C0B21	P3994-05	BN034003.D	09/17/2024
C0B22	P3994-06	BN034004.D	09/17/2024
C0B27	P3994-07	BN034005.D	09/17/2024
C0AS1	P3997-10	BN034006.D	09/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK438

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN091624

SAS No.: BN091624 SDG NO.: BN091624

Lab File ID: BN034001.D

Lab Sample ID: PB163438BL

Instrument ID: BNA_N

Date Extracted: 09/16/2024

Matrix: (soil/water) Water

Date Analyzed: 09/16/2024

Level: (low/med) LOW

Time Analyzed: 23:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163438BS	PB163438BS	BN034013.D	09/17/2024
C0AS3	P3997-11	BN034007.D	09/17/2024
C0AT1	P3997-12	BN034008.D	09/17/2024
C0AP7	P3997-13	BN034009.D	09/17/2024
C0AP9	P3997-14	BN034010.D	09/17/2024
C0AR0	P3997-15	BN034011.D	09/17/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SP96631	SP96631	BN033998.D	1,4-Dioxane-d8	8	17,197.00	214963	*	15	120
			Fluoranthene-d10	0.4	1,169.00	292250	*	30	130
			2-Methylnaphthalene-d10	0.4	770.00	192500	*	30	130

Surrogate Summary

SW-846

SDG No.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3864-01	BH7N3	BN033991.D	1,4-Dioxane-d8	8	6.27	78		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
PB163194BS	PB163194BS	BN033996.D	1,4-Dioxane-d8	0.8	0.86	108		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.40	101		30	130

Surrogate Summary

SW-846

SDG No.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3391-02	MDL-WATER-QT3BN033988.D		1,4-Dioxane-d8	0.8	0.53	66		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
PB163314BL	PB163314BL	BN033987.D	1,4-Dioxane-d8	8	6.70	84		15	120
		BN033993.D	1,4-Dioxane-d8	8	6.61	83		15	120
		BN033987.D	Fluoranthene-d10	0.4	0.34	85		30	130
		BN033993.D	Fluoranthene-d10	0.4	0.35	88		30	130
		BN033987.D	2-Methylnaphthalene-d10	0.4	0.30	76		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130

Surrogate Summary

SW-846

SDG No.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163352BS	PB163352BS	BN033994.D	1,4-Dioxane-d8	0.8	0.89	111		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.42	104		30	130

Surrogate Summary

SW-846

SDG No.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163355BS	PB163355BS	BN033995.D	1,4-Dioxane-d8	0.8	0.88	110		15	120
			Fluoranthene-d10	0.4	0.48	119		30	130
			2-Methylnaphthalene-d10	0.4	0.42	105		30	130

Surrogate Summary

SW-846

SDG No.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163357BS	PB163357BS	BN033997.D	1,4-Dioxane-d8	0.8	0.96	120		15	120
			Fluoranthene-d10	0.4	0.51	126		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130

Surrogate Summary

SW-846

SDG No.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB163397BL	PB163397BL	BN033989.D	1,4-Dioxane-d8	8	6.75	84		15	120
			Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130

Surrogate Summary

SW-846

SDG No.: BN091624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163399BL	PB163399BL	BN033990.D	1,4-Dioxane-d8	8	6.34	79		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
PB163399BS	PB163399BS	BN033992.D	1,4-Dioxane-d8	0.8	0.81	101		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130

Surrogate Summary

SW-846

SDG No.: **BN091624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3994-02	C0B70	BN034002.D	1,4-Dioxane-d8	8	3.90	49		15	120
			Fluoranthene-d10	0.4	0.48	120		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
P3994-05	C0B21	BN034003.D	1,4-Dioxane-d8	8	12.57	157	*	15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
P3994-06	C0B22	BN034004.D	1,4-Dioxane-d8	8	5.59	70		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		30	130
P3994-07	C0B27	BN034005.D	1,4-Dioxane-d8	8	5.74	72		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		30	130
P3997-10	C0AS1	BN034006.D	1,4-Dioxane-d8	8	6.15	77		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
PB163436BL	PB163436BL	BN034000.D	1,4-Dioxane-d8	8	6.44	81		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		30	130
PB163436BS	PB163436BS	BN034012.D	1,4-Dioxane-d8	0.8	0.62	77		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130

Surrogate Summary

SW-846

SDG No.: **BN091624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3997-11	C0AS3	BN034007.D	1,4-Dioxane-d8	8	6.33	79		15	120
			Fluoranthene-d10	0.4	0.51	128		30	130
			2-Methylnaphthalene-d10	0.4	0.58	144	*	30	130
P3997-12	C0AT1	BN034008.D	1,4-Dioxane-d8	8	6.46	81		15	120
			Fluoranthene-d10	0.4	0.52	130		30	130
			2-Methylnaphthalene-d10	0.4	0.44	109		30	130
P3997-13	C0AP7	BN034009.D	1,4-Dioxane-d8	8	9.20	115		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
P3997-14	C0AP9	BN034010.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		30	130
P3997-15	C0AR0	BN034011.D	1,4-Dioxane-d8	8	6.42	80		15	120
			Fluoranthene-d10	0.4	0.45	112		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130
PB163438BL	PB163438BL	BN034001.D	1,4-Dioxane-d8	8	5.64	70		15	120
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.45	111		30	130
PB163438BS	PB163438BS	BN034013.D	1,4-Dioxane-d8	0.8	0.66	83		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN091624

Lab Code: CHEM

SAS No.: BN091624

SDG NO.: BN091624

Lab File ID: BN033985.D

DFTPP Injection Date: 09/16/2024

Instrument ID: BNA_N

DFTPP Injection Time: 13:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.9
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	40.2
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	49.4
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	68.2
443	15.0 - 24.0% of mass 442	14.7 (21.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4310	SSTDCCC0.4	BN033986.D	09/16/2024	13:55
SBLK314	PB163314BL	BN033987.D	09/16/2024	14:31
MDL-WATER-QT3-2024-06	P3391-02	BN033988.D	09/16/2024	15:07
SBLK397	PB163397BL	BN033989.D	09/16/2024	15:49
SBLK399	PB163399BL	BN033990.D	09/16/2024	16:25
BH7N3	P3864-01	BN033991.D	09/16/2024	17:01
SLCS399	PB163399BS	BN033992.D	09/16/2024	17:37
SBLK314	PB163314BL	BN033993.D	09/16/2024	18:13
SLCS352	PB163352BS	BN033994.D	09/16/2024	18:50
SLCS355	PB163355BS	BN033995.D	09/16/2024	19:26
SLCS194	PB163194BS	BN033996.D	09/16/2024	20:02
SLCS357	PB163357BS	BN033997.D	09/16/2024	20:38
SP96631	SP96631	BN033998.D	09/16/2024	21:14
SSTD0.4311	SSTDCCC0.4	BN033999.D	09/16/2024	22:26
SBLK436	PB163436BL	BN034000.D	09/16/2024	23:02
SBLK438	PB163438BL	BN034001.D	09/16/2024	23:38
C0B70	P3994-02	BN034002.D	09/17/2024	00:14
C0B21	P3994-05	BN034003.D	09/17/2024	00:50

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN091624

Lab Code: CHEM

SAS No.: BN091624 SDG NO.: BN091624

Lab File ID: BN033985.D

DFTPP Injection Date: 09/16/2024

Instrument ID: BNA_N

DFTPP Injection Time: 13:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.9
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	40.2
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	49.4
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	68.2
443	15.0 - 24.0% of mass 442	14.7 (21.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
C0B22	P3994-06	BN034004.D	09/17/2024	01:26
C0B27	P3994-07	BN034005.D	09/17/2024	02:02
C0AS1	P3997-10	BN034006.D	09/17/2024	02:38
C0AS3	P3997-11	BN034007.D	09/17/2024	03:14
C0AT1	P3997-12	BN034008.D	09/17/2024	03:50
C0AP7	P3997-13	BN034009.D	09/17/2024	04:26
C0AP9	P3997-14	BN034010.D	09/17/2024	05:02
C0AR0	P3997-15	BN034011.D	09/17/2024	05:38
SLCS436	PB163436BS	BN034012.D	09/17/2024	06:14
SLCS438	PB163438BS	BN034013.D	09/17/2024	06:50
SSTD0.4312	SSTDCCC0.4EC	BN034014.D	09/17/2024	08:02