

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN080124 SAS No.: BN080124 SDG No.: BN080124

Instrument ID: BNA_N Calibration Date/Time: 7/31/2024 1:10:21

Lab File ID: BN033124.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4290 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.577	0.569	0.010	-1.3793	40.0
1,4-Dioxane-d8	0.506	0.508	0.010	0.3951	40.0
Naphthalene	1.027	1.049	0.600	2.1173	30.0
1-Methylnaphthalene	0.753	0.745	0.300	-0.9602	30.0
2-Methylnaphthalene	0.696	0.694	0.300	-0.2693	30.0
Acenaphthylene	1.637	1.810	0.900	10.5378	30.0
Acenaphthene	1.231	1.335	0.500	8.4464	30.0
Fluorene	1.435	1.480	0.700	3.1254	30.0
Pentachlorophenol	0.081	0.062	0.010	-23.4929	50.0
Phenanthrene	1.073	1.064	0.300	-0.8324	30.0
Anthracene	0.965	1.035	0.400	7.3106	30.0
Fluoranthene	1.317	1.508	0.400	14.4837	30.0
Pyrene	1.412	1.590	0.500	12.5489	30.0
Benzo (a) anthracene	1.364	1.403	0.400	2.8524	30.0
Chrysene	1.592	1.711	0.400	7.4553	30.0
Benzo (b) fluoranthene	1.168	1.315	0.200	12.4993	30.0
Benzo (k) fluoranthene	1.400	1.635	0.200	16.7918	30.0
Benzo (a) pyrene	1.100	1.155	0.200	4.9992	30.0
Indeno (1,2,3-cd) pyrene	1.672	1.409	0.200	-15.7314	30.0
Dibenzo (a,h) anthracene	1.325	1.094	0.200	-17.424	30.0
Benzo (g,h,i) perylene	1.329	1.093	0.200	-17.7088	30.0
Fluoranthene-d10	1.133	1.185	0.400	4.6346	30.0
2-Methylnaphthalene-d10	0.653	0.614	0.300	-5.9733	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.: BN080124 SAS No.: BN080124 SDG No.: BN080124

Instrument ID: BNA_N Calibration Date/Time: 7/31/2024 1:16:01

Lab File ID: BN033132.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4291 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.577	0.636	0.010	10.2583	40.0
1,4-Dioxane-d8	0.506	0.588	0.010	16.2914	40.0
Naphthalene	1.027	1.054	0.600	2.6566	30.0
1-Methylnaphthalene	0.753	0.685	0.300	-8.9925	30.0
2-Methylnaphthalene	0.696	0.649	0.300	-6.7253	30.0
Acenaphthylene	1.637	1.637	0.900	0.0262	30.0
Acenaphthene	1.231	1.328	0.500	7.856	30.0
Fluorene	1.435	1.486	0.700	3.5204	30.0
Pentachlorophenol	0.081	0.057	0.010	-30.4507	50.0
Phenanthrene	1.073	1.032	0.300	-3.8563	30.0
Anthracene	0.965	0.887	0.400	-8.0108	30.0
Fluoranthene	1.317	1.404	0.400	6.6005	30.0
Pyrene	1.412	1.507	0.500	6.6678	30.0
Benzo (a) anthracene	1.364	1.163	0.400	-14.7434	30.0
Chrysene	1.592	1.625	0.400	2.0451	30.0
Benzo (b) fluoranthene	1.168	1.176	0.200	0.6198	30.0
Benzo (k) fluoranthene	1.400	1.573	0.200	12.3213	30.0
Benzo (a) pyrene	1.100	1.043	0.200	-5.1502	30.0
Indeno (1,2,3-cd) pyrene	1.672	1.352	0.200	-19.17	30.0
Dibenzo (a,h) anthracene	1.325	1.058	0.200	-20.149	30.0
Benzo (g,h,i) perylene	1.329	0.986	0.200	-25.7906	30.0
Fluoranthene-d10	1.133	1.121	0.400	-0.9851	30.0
2-Methylnaphthalene-d10	0.653	0.589	0.300	-9.8032	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.: BN080124 SAS No.: BN080124 SDG No.: BN080124

Instrument ID: BNA_N Calibration Date/Time: 8/1/2024 12:02:54

Lab File ID: BN033149.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4292 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.577	0.703	0.010	21.947	40.0
1,4-Dioxane-d8	0.506	0.685	0.010	35.3949	40.0
Naphthalene	1.027	1.026	0.600	-0.1211	30.0
1-Methylnaphthalene	0.753	0.659	0.300	-12.3608	30.0
2-Methylnaphthalene	0.696	0.602	0.300	-13.4519	30.0
Acenaphthylene	1.637	1.570	0.900	-4.1062	30.0
Acenaphthene	1.231	1.312	0.500	6.5739	30.0
Fluorene	1.435	1.461	0.700	1.7705	30.0
Pentachlorophenol	0.081	0.063	0.010	-22.6908	50.0
Phenanthrene	1.073	0.980	0.300	-8.6629	30.0
Anthracene	0.965	0.820	0.400	-15.0339	30.0
Fluoranthene	1.317	1.434	0.400	8.8558	30.0
Pyrene	1.412	1.497	0.500	6.0135	30.0
Benzo (a) anthracene	1.364	1.079	0.400	-20.9335	30.0
Chrysene	1.592	1.612	0.400	1.2559	30.0
Benzo (b) fluoranthene	1.168	1.139	0.200	-2.5582	30.0
Benzo (k) fluoranthene	1.400	1.509	0.200	7.7496	30.0
Benzo (a) pyrene	1.100	1.006	0.200	-8.4912	30.0
Indeno (1,2,3-cd) pyrene	1.672	1.370	0.200	-18.09	30.0
Dibenzo (a,h) anthracene	1.325	1.071	0.200	-19.1526	30.0
Benzo (g,h,i) perylene	1.329	1.168	0.200	-12.1061	30.0
Fluoranthene-d10	1.133	1.152	0.400	1.6845	30.0
2-Methylnaphthalene-d10	0.653	0.569	0.300	-12.7481	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK172	SDG No.:	BN080124
Lab Sample ID:	PB162172BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033125.D	1	7/19/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	0.37	U	0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.47	U	0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.39	U	0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.68	U	0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.51	U	0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.52	U	0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.68	U	0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.42	U	0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.42	U	0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.86	U	0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.89	U	0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.98	U	0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.919		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.269		30-130		67	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.241		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2830	7.487				
1146-65-2	Naphthalene-d8	9949	10.24				
15067-26-2	Acenaphthene-d10	6149	14.134				

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK172	SDG No.:	BN080124
Lab Sample ID:	PB162172BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033125.D	1	7/19/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14194	16.899				
1719-03-5	Chrysene-d12	14344	21.149				
1520-96-3	Perylene-d12	11576	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4DQ8	SDG No.:	BN080124
Lab Sample ID:	P3265-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.3	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BN033126.D	1	7/19/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.6	ug/Kg
91-20-3	Naphthalene	270	E	0.37	0.82	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.84	U	0.84	0.82	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.82	3.3	ug/Kg
208-96-8	Acenaphthylene	100	E	0.47	0.82	3.3	ug/Kg
83-32-9	Acenaphthene	290	E	0.39	0.82	3.3	ug/Kg
86-73-7	Fluorene	130	E	0.67	0.82	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.6	ug/Kg
85-01-8	Phenanthrene	89	E	0.5	0.82	3.3	ug/Kg
120-12-7	Anthracene	480	E	0.51	0.82	3.3	ug/Kg
206-44-0	Fluoranthene	130	E	0.67	0.82	3.3	ug/Kg
129-00-0	Pyrene	58	E	0.51	0.82	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	120	E	0.42	0.82	3.3	ug/Kg
218-01-9	Chrysene	47		0.42	0.82	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	E	0.21	0.82	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	E	0.39	0.82	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	45		0.36	0.82	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	E	0.85	0.82	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	E	0.88	0.82	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	E	0.97	0.82	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.373	*	15-120		5	SPK: -8
93951-69-0	Fluoranthene-d10	0.301		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.256		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2328		7.499			
1146-65-2	Naphthalene-d8	8147		10.245			
15067-26-2	Acenaphthene-d10	4795		14.134			

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4DQ8	SDG No.:	BN080124
Lab Sample ID:	P3265-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033126.D	1	7/19/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11027	16.903				
1719-03-5	Chrysene-d12	11673	21.131				
1520-96-3	Perylene-d12	12893	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4DQ9	SDG No.:	BN080124
Lab Sample ID:	P3283-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.4	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033127.D	1	7/19/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162174

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.6	ug/Kg
91-20-3	Naphthalene	310	E	0.37	0.81	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.84	U	0.84	0.81	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.81	3.3	ug/Kg
208-96-8	Acenaphthylene	400	E	0.46	0.81	3.3	ug/Kg
83-32-9	Acenaphthene	690	E	0.38	0.81	3.3	ug/Kg
86-73-7	Fluorene	350	E	0.67	0.81	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.6	ug/Kg
85-01-8	Phenanthrene	570	E	0.5	0.81	3.3	ug/Kg
120-12-7	Anthracene	590	E	0.51	0.81	3.3	ug/Kg
206-44-0	Fluoranthene	340	E	0.67	0.81	3.3	ug/Kg
129-00-0	Pyrene	150	E	0.51	0.81	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	47		0.41	0.81	3.3	ug/Kg
218-01-9	Chrysene	130	E	0.41	0.81	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	E	0.21	0.81	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	E	0.38	0.81	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	220	E	0.36	0.81	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	E	0.85	0.81	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	E	0.88	0.81	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	E	0.97	0.81	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.385	*	15-120		5	SPK: -8
93951-69-0	Fluoranthene-d10	0.358		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.296		20-140		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2167		7.499			
1146-65-2	Naphthalene-d8	7894		10.245			
15067-26-2	Acenaphthene-d10	4757		14.129			

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4DQ9	SDG No.:	BN080124
Lab Sample ID:	P3283-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.4 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033127.D	1	7/19/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162174

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10946	16.899				
1719-03-5	Chrysene-d12	11508	21.128				
1520-96-3	Perylene-d12	12714	23.317				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4DQ8DL	SDG No.:	BN080124
Lab Sample ID:	P3265-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033128.D	10	7/19/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	66	ug/Kg
91-20-3	Naphthalene	290	D	3.7	8.2	33	ug/Kg
90-12-0	1-Methylnaphthalene	8.4	U	8.4	8.2	33	ug/Kg
91-57-6	2-Methylnaphthalene	3.4	U	3.4	8.2	33	ug/Kg
208-96-8	Acenaphthylene	100	D	4.7	8.2	33	ug/Kg
83-32-9	Acenaphthene	310	D	3.9	8.2	33	ug/Kg
86-73-7	Fluorene	130	D	6.7	8.2	33	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	16.6	66	ug/Kg
85-01-8	Phenanthrene	90	D	5	8.2	33	ug/Kg
120-12-7	Anthracene	460	D	5.1	8.2	33	ug/Kg
206-44-0	Fluoranthene	140	D	6.7	8.2	33	ug/Kg
129-00-0	Pyrene	64	D	5.1	8.2	33	ug/Kg
56-55-3	Benzo(a)anthracene	120	D	4.2	8.2	33	ug/Kg
218-01-9	Chrysene	60	D	4.2	8.2	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	D	2.1	8.2	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	D	3.9	8.2	33	ug/Kg
50-32-8	Benzo(a)pyrene	49	D	3.6	8.2	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	D	8.5	8.2	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	D	8.8	8.2	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	D	9.7	8.2	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.56	*	15-120		7	SPK: -8
93951-69-0	Fluoranthene-d10	0.34		30-130		85	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.27		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1993		7.528			
1146-65-2	Naphthalene-d8	7068		10.3			
15067-26-2	Acenaphthene-d10	4655		14.152			

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4DQ8DL	SDG No.:	BN080124
Lab Sample ID:	P3265-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033128.D	10	7/19/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10592	16.928				
1719-03-5	Chrysene-d12	10945	21.148				
1520-96-3	Perylene-d12	11338	23.334				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4DQ9DL	SDG No.:	BN080124
Lab Sample ID:	P3283-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.4 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033129.D	10	7/19/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162174

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	66	ug/Kg
91-20-3	Naphthalene	350	D	3.7	8.1	33	ug/Kg
90-12-0	1-Methylnaphthalene	8.4	U	8.4	8.1	33	ug/Kg
91-57-6	2-Methylnaphthalene	3.4	U	3.4	8.1	33	ug/Kg
208-96-8	Acenaphthylene	380	D	4.6	8.1	33	ug/Kg
83-32-9	Acenaphthene	780	ED	3.8	8.1	33	ug/Kg
86-73-7	Fluorene	370	D	6.7	8.1	33	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	16.5	66	ug/Kg
85-01-8	Phenanthrene	630	ED	5	8.1	33	ug/Kg
120-12-7	Anthracene	600	ED	5.1	8.1	33	ug/Kg
206-44-0	Fluoranthene	410	D	6.7	8.1	33	ug/Kg
129-00-0	Pyrene	180	D	5.1	8.1	33	ug/Kg
56-55-3	Benzo(a)anthracene	46	D	4.1	8.1	33	ug/Kg
218-01-9	Chrysene	150	D	4.1	8.1	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	D	2.1	8.1	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	D	3.8	8.1	33	ug/Kg
50-32-8	Benzo(a)pyrene	250	D	3.6	8.1	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	D	8.5	8.1	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	D	8.8	8.1	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	D	9.7	8.1	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.55	*	15-120		7	SPK: -8
93951-69-0	Fluoranthene-d10	0.41		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.31		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1768		7.537			
1146-65-2	Naphthalene-d8	6278		10.306			
15067-26-2	Acenaphthene-d10	4298		14.148			

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4DQ9DL	SDG No.:	BN080124
Lab Sample ID:	P3283-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.4 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033129.D	10	7/19/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162174

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9695	16.92				
1719-03-5	Chrysene-d12	9864	21.151				
1520-96-3	Perylene-d12	10619	23.337				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4DQ9DL2	SDG No.:	BN080124
Lab Sample ID:	P3283-03DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.4 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033130.D	20	7/19/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162174

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	0	130	ug/Kg
91-20-3	Naphthalene	340	D	7.3	16.3	65	ug/Kg
90-12-0	1-Methylnaphthalene	17	U	17	16.3	65	ug/Kg
91-57-6	2-Methylnaphthalene	6.7	U	6.7	16.3	65	ug/Kg
208-96-8	Acenaphthylene	360	D	9.3	16.3	65	ug/Kg
83-32-9	Acenaphthene	740	D	7.7	16.3	65	ug/Kg
86-73-7	Fluorene	350	D	13	16.3	65	ug/Kg
87-86-5	Pentachlorophenol	28	U	28	33.1	130	ug/Kg
85-01-8	Phenanthrene	600	D	10	16.3	65	ug/Kg
120-12-7	Anthracene	550	D	10	16.3	65	ug/Kg
206-44-0	Fluoranthene	400	D	13	16.3	65	ug/Kg
129-00-0	Pyrene	170	D	10	16.3	65	ug/Kg
56-55-3	Benzo(a)anthracene	43	JD	8.3	16.3	65	ug/Kg
218-01-9	Chrysene	160	D	8.3	16.3	65	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	D	4.1	16.3	65	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	D	7.7	16.3	65	ug/Kg
50-32-8	Benzo(a)pyrene	240	D	7.1	16.3	65	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	D	17	16.3	65	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	D	18	16.3	65	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	D	19	16.3	65	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.64	*	15-120		8	SPK: -8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.34		20-140		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1705		7.541			
1146-65-2	Naphthalene-d8	5968		10.322			
15067-26-2	Acenaphthene-d10	4223		14.157			

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4DQ9DL2	SDG No.:	BN080124
Lab Sample ID:	P3283-03DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.4 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033130.D	20	7/19/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162174

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9501	16.928				
1719-03-5	Chrysene-d12	9538	21.154				
1520-96-3	Perylene-d12	10230	23.34				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	22	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	F7E44	SDG No.:	BN080124
Lab Sample ID:	P3336-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BN033131.D	1	7/25/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8.2	ug/Kg
91-20-3	Naphthalene	3.7	J	0.45	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.42	U	0.42	1	4	ug/Kg
208-96-8	Acenaphthylene	0.57	U	0.57	1	4	ug/Kg
83-32-9	Acenaphthene	1.5	J	0.48	1	4	ug/Kg
86-73-7	Fluorene	1.8	J	0.83	1	4	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8.2	ug/Kg
85-01-8	Phenanthrene	4.1		0.62	1	4	ug/Kg
120-12-7	Anthracene	1.5	J	0.64	1	4	ug/Kg
206-44-0	Fluoranthene	3.3	J	0.83	1	4	ug/Kg
129-00-0	Pyrene	2	J	0.64	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.51	U	0.51	1	4	ug/Kg
218-01-9	Chrysene	0.94	J	0.51	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.26	U	0.26	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.44	U	0.44	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.229		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.197		30-130		49	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.209		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2119		7.491			
1146-65-2	Naphthalene-d8	6217		10.246			
15067-26-2	Acenaphthene-d10	4352		14.134			

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	F7E44	SDG No.:	BN080124
Lab Sample ID:	P3336-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033131.D	1	7/25/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9955	16.903				
1719-03-5	Chrysene-d12	10193	21.154				
1520-96-3	Perylene-d12	7151	23.334				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SBLK311	SDG No.:	BN080124
Lab Sample ID:	PB162311BL	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
BN033133.D	1	7/26/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.733		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.268		30-130		67	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.195		30-130		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3512	7.491				
1146-65-2	Naphthalene-d8	12511	10.24				
15067-26-2	Acenaphthene-d10	7397	14.134				

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SBLK311	SDG No.:	BN080124
Lab Sample ID:	PB162311BL	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
BN033133.D	1	7/26/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16758	16.899				
1719-03-5	Chrysene-d12	14616	21.157				
1520-96-3	Perylene-d12	8462	23.328				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK306	SDG No.:	BN080124
Lab Sample ID:	PB162306BL	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
BN033134.D	1	7/25/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162306

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	5.071		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.3		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.211		30-130		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3305	7.491				
1146-65-2	Naphthalene-d8	11590	10.24				
15067-26-2	Acenaphthene-d10	6883	14.134				

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK306	SDG No.:	BN080124
Lab Sample ID:	PB162306BL	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
BN033134.D	1	7/25/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162306

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15529	16.899				
1719-03-5	Chrysene-d12	13081	21.16				
1520-96-3	Perylene-d12	6849	23.325				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1GF0	SDG No.:	BN080124
Lab Sample ID:	P3359-06	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
BN033135.D	1	7/26/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162311

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	0.05	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.961		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.348		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.252		30-130		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2652		7.495			
1146-65-2	Naphthalene-d8	9056		10.245			
15067-26-2	Acenaphthene-d10	5886		14.134			

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1GF0	SDG No.:	BN080124
Lab Sample ID:	P3359-06	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
BN033135.D	1	7/26/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12707	16.899				
1719-03-5	Chrysene-d12	11448	21.16				
1520-96-3	Perylene-d12	5453	23.328				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G66	SDG No.:	BN080124
Lab Sample ID:	P3359-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033136.D	1	7/26/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.098		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.329		30-130		82	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.234		30-130		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2769	7.495				
1146-65-2	Naphthalene-d8	9847	10.246				
15067-26-2	Acenaphthene-d10	5952	14.134				

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G66	SDG No.:	BN080124
Lab Sample ID:	P3359-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033136.D	1	7/26/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10799	16.903				
1719-03-5	Chrysene-d12	11718	21.158				
1520-96-3	Perylene-d12	6161	23.326				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G76	SDG No.:	BN080124
Lab Sample ID:	P3359-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033137.D	1	7/26/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.517		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.348		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.249		30-130		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2977	7.495				
1146-65-2	Naphthalene-d8	10581	10.246				
15067-26-2	Acenaphthene-d10	6312	14.134				

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G76	SDG No.:	BN080124
Lab Sample ID:	P3359-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033137.D	1	7/26/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14001	16.899				
1719-03-5	Chrysene-d12	12138	21.158				
1520-96-3	Perylene-d12	6026	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G77	SDG No.:	BN080124
Lab Sample ID:	P3359-10	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
BN033138.D	1	7/26/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.656		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.336		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.248		30-130		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2271	7.499				
1146-65-2	Naphthalene-d8	7979	10.245				
15067-26-2	Acenaphthene-d10	4819	14.134				

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G77	SDG No.:	BN080124
Lab Sample ID:	P3359-10	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
BN033138.D	1	7/26/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10802	16.903				
1719-03-5	Chrysene-d12	10569	21.154				
1520-96-3	Perylene-d12	6212	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1GD6	SDG No.:	BN080124
Lab Sample ID:	P3359-12	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
BN033139.D	1	7/26/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162311

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	0.04	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.494		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.361		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.289		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2453	7.495				
1146-65-2	Naphthalene-d8	8550	10.245				
15067-26-2	Acenaphthene-d10	5587	14.134				

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1GD6	SDG No.:	BN080124
Lab Sample ID:	P3359-12	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
BN033139.D	1	7/26/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11922	16.903				
1719-03-5	Chrysene-d12	10589	21.157				
1520-96-3	Perylene-d12	4696	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	E1GF3	SDG No.:	BN080124
Lab Sample ID:	P3359-16	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
BN033140.D	1	7/29/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162327

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	0.04	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.944		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.316		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.23		30-130		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2773	7.495				
1146-65-2	Naphthalene-d8	9474	10.245				
15067-26-2	Acenaphthene-d10	6159	14.134				

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	E1GF3	SDG No.:	BN080124
Lab Sample ID:	P3359-16	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
BN033140.D	1	7/29/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162327

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13283	16.899				
1719-03-5	Chrysene-d12	11790	21.157				
1520-96-3	Perylene-d12	5388	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G97	SDG No.:	BN080124
Lab Sample ID:	P3359-01	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
BN033141.D	1	7/25/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162306

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.688		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.38		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.267		30-130		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2413		7.495			
1146-65-2	Naphthalene-d8	8660		10.245			
15067-26-2	Acenaphthene-d10	4581		14.134			

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G97	SDG No.:	BN080124
Lab Sample ID:	P3359-01	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
BN033141.D	1	7/25/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162306

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11467	16.903				
1719-03-5	Chrysene-d12	10012	21.157				
1520-96-3	Perylene-d12	4571	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G98	SDG No.:	BN080124
Lab Sample ID:	P3359-02	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
BN033142.D	1	7/25/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162306

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	3.849		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.303		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.206		30-130		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2702	7.495				
1146-65-2	Naphthalene-d8	9735	10.246				
15067-26-2	Acenaphthene-d10	5915	14.134				

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G98	SDG No.:	BN080124
Lab Sample ID:	P3359-02	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
BN033142.D	1	7/25/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162306

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13163	16.903				
1719-03-5	Chrysene-d12	11840	21.157				
1520-96-3	Perylene-d12	6335	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G99	SDG No.:	BN080124
Lab Sample ID:	P3359-03	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
BN033143.D	1	7/25/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162306

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	3.933		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.352		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.232		30-130		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3067	7.495				
1146-65-2	Naphthalene-d8	10731	10.24				
15067-26-2	Acenaphthene-d10	6524	14.134				

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G99	SDG No.:	BN080124
Lab Sample ID:	P3359-03	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
BN033143.D	1	7/25/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162306

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14624	16.899				
1719-03-5	Chrysene-d12	12683	21.148				
1520-96-3	Perylene-d12	7405	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1GD5	SDG No.:	BN080124
Lab Sample ID:	P3359-05	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
BN033144.D	1	7/25/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162306

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	0.04	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.164		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.38		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.241		30-130		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2842		7.495			
1146-65-2	Naphthalene-d8	9732		10.24			
15067-26-2	Acenaphthene-d10	6140		14.134			

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1GD5	SDG No.:	BN080124
Lab Sample ID:	P3359-05	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
BN033144.D	1	7/25/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162306

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13673	16.899				
1719-03-5	Chrysene-d12	11199	21.151				
1520-96-3	Perylene-d12	5803	23.317				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AZ7	SDG No.:	BN080124
Lab Sample ID:	P3378-05	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
BN033145.D	1	7/29/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162364

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	4.4	E	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.47		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	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.73		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.33		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.33		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	0.08	J	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.05	J	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.995		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.276		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.209		30-130		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2836	7.495				
1146-65-2	Naphthalene-d8	9729	10.24				
15067-26-2	Acenaphthene-d10	5719	14.134				

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0AZ7	SDG No.:	BN080124
Lab Sample ID:	P3378-05	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
BN033145.D	1	7/29/2024 12:00:00 AM	7/31/2024 12:00:00 AM	PB162364

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12766	16.899				
1719-03-5	Chrysene-d12	10966	21.14				
1520-96-3	Perylene-d12	7822	23.311				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0B05	SDG No.:	BN080124
Lab Sample ID:	P3378-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033146.D	1	7/29/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162364

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	0.13		0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.172		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.355		30-130		89	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.228		30-130		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2821	7.49				
1146-65-2	Naphthalene-d8	9497	10.245				
15067-26-2	Acenaphthene-d10	6156	14.129				

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0B05	SDG No.:	BN080124
Lab Sample ID:	P3378-06	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
BN033146.D	1	7/29/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162364

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13203	16.899				
1719-03-5	Chrysene-d12	11129	21.154				
1520-96-3	Perylene-d12	5678	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0B06	SDG No.:	BN080124
Lab Sample ID:	P3378-07	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
BN033147.D	1	7/29/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162364

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.07	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.673		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.359		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.287		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2454		7.491			
1146-65-2	Naphthalene-d8	8207		10.245			
15067-26-2	Acenaphthene-d10	5300		14.129			

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	C0B06	SDG No.:	BN080124
Lab Sample ID:	P3378-07	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
BN033147.D	1	7/29/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162364

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11503	16.899				
1719-03-5	Chrysene-d12	9967	21.16				
1520-96-3	Perylene-d12	4830	23.323				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SLCS311	SDG No.:	BN080124
Lab Sample ID:	PB162311BS	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
BN033148.D	1	7/26/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.4		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	0.33		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.35		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	0.38		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.39		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.32		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.44		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	0.32		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	0.4		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.47		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	0.35		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.976	*	15-120		122	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.411		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.329		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1659		7.579			
1146-65-2	Naphthalene-d8	6780		10.339			
15067-26-2	Acenaphthene-d10	4392		14.171			

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SLCS311	SDG No.:	BN080124
Lab Sample ID:	PB162311BS	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
BN033148.D	1	7/26/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9593	16.954				
1719-03-5	Chrysene-d12	8292	21.157				
1520-96-3	Perylene-d12	7950	23.349				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK174	SDG No.:	BN080124
Lab Sample ID:	PB162174BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033150.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162174

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	0.37	U	0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.47	U	0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.39	U	0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.68	U	0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.51	U	0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.52	U	0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.68	U	0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.42	U	0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.42	U	0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.86	U	0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.89	U	0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.98	U	0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.273		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.323		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.204		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2578		7.495			
1146-65-2	Naphthalene-d8	9161		10.24			
15067-26-2	Acenaphthene-d10	5357		14.129			

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	SBLK174	SDG No.:	BN080124
Lab Sample ID:	PB162174BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033150.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162174

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11941	16.899				
1719-03-5	Chrysene-d12	9824	21.163				
1520-96-3	Perylene-d12	4945	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

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:	SBLK364	SDG No.:	BN080124
Lab Sample ID:	PB162364BL	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
BN033151.D	1	7/29/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162364

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	5.266		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.309		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.224		30-130		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2758	7.495				
1146-65-2	Naphthalene-d8	9650	10.24				
15067-26-2	Acenaphthene-d10	5568	14.134				

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:	SBLK364	SDG No.:	BN080124
Lab Sample ID:	PB162364BL	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
BN033151.D	1	7/29/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162364

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12357	16.899				
1719-03-5	Chrysene-d12	10102	21.163				
1520-96-3	Perylene-d12	4768	23.32				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	A4D41	SDG No.:	BN080124
Lab Sample ID:	P3265-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	40.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033152.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8	U	1.8	0	11	ug/Kg
91-20-3	Naphthalene	23		0.62	1.4	5.5	ug/Kg
90-12-0	1-Methylnaphthalene	9.6		1.4	1.4	5.5	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.57	1.4	5.5	ug/Kg
208-96-8	Acenaphthylene	39		0.79	1.4	5.5	ug/Kg
83-32-9	Acenaphthene	61		0.66	1.4	5.5	ug/Kg
86-73-7	Fluorene	64		1.1	1.4	5.5	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2.8	11	ug/Kg
85-01-8	Phenanthrene	750	E	0.86	1.4	5.5	ug/Kg
120-12-7	Anthracene	170	E	0.87	1.4	5.5	ug/Kg
206-44-0	Fluoranthene	1400	E	1.1	1.4	5.5	ug/Kg
129-00-0	Pyrene	1000	E	0.87	1.4	5.5	ug/Kg
56-55-3	Benzo(a)anthracene	570	E	0.71	1.4	5.5	ug/Kg
218-01-9	Chrysene	510	E	0.71	1.4	5.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	890	E	0.35	1.4	5.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	E	0.66	1.4	5.5	ug/Kg
50-32-8	Benzo(a)pyrene	430	E	0.61	1.4	5.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	E	1.4	1.4	5.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83		1.5	1.4	5.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45		1.6	1.4	5.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.354		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.22		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.14		20-140		35	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3341		7.495			
1146-65-2	Naphthalene-d8	11343		10.245			
15067-26-2	Acenaphthene-d10	6726		14.129			

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	A4D41	SDG No.:	BN080124
Lab Sample ID:	P3265-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	40.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033152.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15771	16.89				
1719-03-5	Chrysene-d12	13065	21.113				
1520-96-3	Perylene-d12	12443	23.293				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	A4D42	SDG No.:	BN080124
Lab Sample ID:	P3265-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033153.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.8	ug/Kg
91-20-3	Naphthalene	2.8	J	0.48	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	1.3	J	1.1	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	1.6	J	0.45	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	4.3		0.62	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	6.6		0.51	1.1	4.3	ug/Kg
86-73-7	Fluorene	6.6		0.89	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.2	8.8	ug/Kg
85-01-8	Phenanthrene	72	E	0.67	1.1	4.3	ug/Kg
120-12-7	Anthracene	17		0.68	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	87	E	0.89	1.1	4.3	ug/Kg
129-00-0	Pyrene	76	E	0.68	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	46		0.55	1.1	4.3	ug/Kg
218-01-9	Chrysene	34		0.55	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	69		0.28	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	21		0.51	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	49		0.47	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	20		1.1	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6.1		1.2	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25		1.3	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.834		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.272		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.232		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3265		7.478			
1146-65-2	Naphthalene-d8	10679		10.234			
15067-26-2	Acenaphthene-d10	6258		14.125			

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	A4D42	SDG No.:	BN080124
Lab Sample ID:	P3265-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033153.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14215	16.89				
1719-03-5	Chrysene-d12	12106	21.122				
1520-96-3	Perylene-d12	10499	23.299				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	A4D42MS	SDG No.:	BN080124
Lab Sample ID:	P3265-11MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.9
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033154.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	46		1.4	0	8.8	ug/Kg
91-20-3	Naphthalene	14		0.49	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	11		1.1	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	12		0.45	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	15		0.62	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	16		0.51	1.1	4.3	ug/Kg
86-73-7	Fluorene	14		0.89	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	22		1.8	2.2	8.8	ug/Kg
85-01-8	Phenanthrene	37		0.67	1.1	4.3	ug/Kg
120-12-7	Anthracene	17		0.68	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	66		0.89	1.1	4.3	ug/Kg
129-00-0	Pyrene	59		0.68	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	36		0.55	1.1	4.3	ug/Kg
218-01-9	Chrysene	33		0.55	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	51		0.28	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	23		0.51	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	37		0.47	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	22		1.1	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14		1.2	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26		1.3	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.402		15-120		50	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.316		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.248		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2331		7.516			
1146-65-2	Naphthalene-d8	7933		10.279			
15067-26-2	Acenaphthene-d10	4724		14.143			

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	A4D42MS	SDG No.:	BN080124
Lab Sample ID:	P3265-11MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033154.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10091	16.912				
1719-03-5	Chrysene-d12	9233	21.128				
1520-96-3	Perylene-d12	9640	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	A4D42MSD	SDG No.:	BN080124
Lab Sample ID:	P3265-12MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033155.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	52		1.4	0	8.8	ug/Kg
91-20-3	Naphthalene	15		0.49	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	13		1.1	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	14		0.45	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	16		0.62	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	18		0.51	1.1	4.3	ug/Kg
86-73-7	Fluorene	16		0.89	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	23		1.8	2.2	8.8	ug/Kg
85-01-8	Phenanthrene	41		0.67	1.1	4.3	ug/Kg
120-12-7	Anthracene	19		0.68	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	73	E	0.89	1.1	4.3	ug/Kg
129-00-0	Pyrene	65		0.68	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	40		0.55	1.1	4.3	ug/Kg
218-01-9	Chrysene	36		0.55	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	56		0.28	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	26		0.51	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	41		0.47	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	25		1.1	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15		1.2	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29		1.3	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.487		15-120		61	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.349		30-130		87	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.293		20-140		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2199		7.52			
1146-65-2	Naphthalene-d8	7580		10.273			
15067-26-2	Acenaphthene-d10	4380		14.138			

Report of Analysis

Client:		Date Collected:	7/17/2024 12:00:00 AM
Project:		Date Received:	7/17/2024 12:00:00 AM
Client Sample ID:	A4D42MSD	SDG No.:	BN080124
Lab Sample ID:	P3265-12MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033155.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9722	16.911				
1719-03-5	Chrysene-d12	8811	21.128				
1520-96-3	Perylene-d12	9197	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4CM2	SDG No.:	BN080124
Lab Sample ID:	P3283-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BN033156.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162174

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7	ug/Kg
91-20-3	Naphthalene	1.2	J	0.39	0.87	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	0.89	U	0.89	0.87	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	0.36	U	0.36	0.87	3.5	ug/Kg
208-96-8	Acenaphthylene	3.2	J	0.49	0.87	3.5	ug/Kg
83-32-9	Acenaphthene	0.98	J	0.41	0.87	3.5	ug/Kg
86-73-7	Fluorene	1.2	J	0.71	0.87	3.5	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7	ug/Kg
85-01-8	Phenanthrene	16		0.54	0.87	3.5	ug/Kg
120-12-7	Anthracene	3.4	J	0.55	0.87	3.5	ug/Kg
206-44-0	Fluoranthene	38		0.71	0.87	3.5	ug/Kg
129-00-0	Pyrene	33		0.55	0.87	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	17		0.44	0.87	3.5	ug/Kg
218-01-9	Chrysene	15		0.44	0.87	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	35		0.22	0.87	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	10		0.41	0.87	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	21		0.38	0.87	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12		0.9	0.87	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.7		0.93	0.87	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	15		1	0.87	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.506		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.269		30-130		67	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.206		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2806		7.482			
1146-65-2	Naphthalene-d8	9185		10.24			
15067-26-2	Acenaphthene-d10	5289		14.129			

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4CM2	SDG No.:	BN080124
Lab Sample ID:	P3283-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033156.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162174

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11683	16.895				
1719-03-5	Chrysene-d12	9507	21.128				
1520-96-3	Perylene-d12	8231	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4CM2MS	SDG No.:	BN080124
Lab Sample ID:	P3283-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033157.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162174

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33		1.2	0	7	ug/Kg
91-20-3	Naphthalene	10		0.39	0.86	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	8.2		0.89	0.86	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	8.9		0.36	0.86	3.5	ug/Kg
208-96-8	Acenaphthylene	12		0.49	0.86	3.5	ug/Kg
83-32-9	Acenaphthene	12		0.41	0.86	3.5	ug/Kg
86-73-7	Fluorene	9.2		0.71	0.86	3.5	ug/Kg
87-86-5	Pentachlorophenol	20		1.5	1.8	7	ug/Kg
85-01-8	Phenanthrene	29		0.53	0.86	3.5	ug/Kg
120-12-7	Anthracene	13		0.54	0.86	3.5	ug/Kg
206-44-0	Fluoranthene	59	E	0.71	0.86	3.5	ug/Kg
129-00-0	Pyrene	51		0.54	0.86	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	29		0.44	0.86	3.5	ug/Kg
218-01-9	Chrysene	28		0.44	0.86	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	47		0.22	0.86	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	21		0.41	0.86	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	32		0.38	0.86	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	21		0.9	0.86	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		0.93	0.86	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	24		1	0.86	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.36		15-120		45	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.291		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.221		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2978	7.499				
1146-65-2	Naphthalene-d8	9864	10.267				
15067-26-2	Acenaphthene-d10	5598	14.134				

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4CM2MS	SDG No.:	BN080124
Lab Sample ID:	P3283-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033157.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162174

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12136	16.907				
1719-03-5	Chrysene-d12	10166	21.125				
1520-96-3	Perylene-d12	10554	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4CM2MSD	SDG No.:	BN080124
Lab Sample ID:	P3283-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033158.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162174

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	38		1.2	0	7	ug/Kg
91-20-3	Naphthalene	11		0.39	0.86	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	10		0.89	0.86	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	10		0.36	0.86	3.5	ug/Kg
208-96-8	Acenaphthylene	14		0.49	0.86	3.5	ug/Kg
83-32-9	Acenaphthene	12		0.41	0.86	3.5	ug/Kg
86-73-7	Fluorene	12		0.71	0.86	3.5	ug/Kg
87-86-5	Pentachlorophenol	24		1.5	1.8	7	ug/Kg
85-01-8	Phenanthrene	34		0.53	0.86	3.5	ug/Kg
120-12-7	Anthracene	15		0.54	0.86	3.5	ug/Kg
206-44-0	Fluoranthene	66	E	0.71	0.86	3.5	ug/Kg
129-00-0	Pyrene	56	E	0.54	0.86	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	33		0.44	0.86	3.5	ug/Kg
218-01-9	Chrysene	32		0.44	0.86	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	53		0.22	0.86	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	23		0.41	0.86	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	36		0.38	0.86	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	25		0.9	0.86	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14		0.93	0.86	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27		1	0.86	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.425		15-120		53	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.323		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.261		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2592	7.495				
1146-65-2	Naphthalene-d8	8529	10.262				
15067-26-2	Acenaphthene-d10	4987	14.134				

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	A4CM2MSD	SDG No.:	BN080124
Lab Sample ID:	P3283-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033158.D	1	7/19/2024 12:00:00 AM	8/1/2024 12:00:00 AM	PB162174

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11204	16.907				
1719-03-5	Chrysene-d12	9405	21.125				
1520-96-3	Perylene-d12	9820	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN080124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4DQ8								
P3265-03	A4DQ8	Solid	Total Alkanes	*	0.000	1.1	6.6	ug/Kg
			Total Tics :			0.00		
P3265-03	A4DQ8	Solid	Acenaphthene	290.000	E	0.39	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Acenaphthylene	100.000	E	0.47	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Anthracene	480.000	E	0.51	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Benzo(a)anthracene	120.000	E	0.42	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Benzo(a)pyrene	45.000		0.36	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Benzo(b)fluoranthene	120.000	E	0.21	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Benzo(g,h,i)perylene	120.000	E	0.97	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Benzo(k)fluoranthene	130.000	E	0.39	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Chrysene	47.000		0.42	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Dibenzo(a,h)anthracene	140.000	E	0.88	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Fluoranthene	130.000	E	0.67	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Fluorene	130.000	E	0.67	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Indeno(1,2,3-cd)pyrene	150.000	E	0.85	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Naphthalene	270.000	E	0.37	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Phenanthrene	89.000	E	0.5	3.3	ug/Kg
P3265-03	A4DQ8	Solid	Pyrene	58.000	E	0.51	3.3	ug/Kg
			Total Svoc :			2,419.00		
			Total Concentration:			2,419.00		
Client ID : A4DQ8DL								
P3265-03DL	A4DQ8DL	Solid	Total Alkanes	*	0.000	D 11	66	ug/Kg
			Total Tics :			0.00		
P3265-03DL	A4DQ8DL	Solid	Acenaphthene	310.000	D	3.9	33	ug/Kg
P3265-03DL	A4DQ8DL	Solid	Acenaphthylene	100.000	D	4.7	33	ug/Kg
P3265-03DL	A4DQ8DL	Solid	Anthracene	460.000	D	5.1	33	ug/Kg
P3265-03DL	A4DQ8DL	Solid	Benzo(a)anthracene	120.000	D	4.2	33	ug/Kg
P3265-03DL	A4DQ8DL	Solid	Benzo(a)pyrene	49.000	D	3.6	33	ug/Kg
P3265-03DL	A4DQ8DL	Solid	Benzo(b)fluoranthene	120.000	D	2.1	33	ug/Kg
P3265-03DL	A4DQ8DL	Solid	Benzo(g,h,i)perylene	130.000	D	9.7	33	ug/Kg
P3265-03DL	A4DQ8DL	Solid	Benzo(k)fluoranthene	160.000	D	3.9	33	ug/Kg
P3265-03DL	A4DQ8DL	Solid	Chrysene	60.000	D	4.2	33	ug/Kg
P3265-03DL	A4DQ8DL	Solid	Dibenzo(a,h)anthracene	150.000	D	8.8	33	ug/Kg
P3265-03DL	A4DQ8DL	Solid	Fluoranthene	140.000	D	6.7	33	ug/Kg
P3265-03DL	A4DQ8DL	Solid	Fluorene	130.000	D	6.7	33	ug/Kg
P3265-03DL	A4DQ8DL	Solid	Indeno(1,2,3-cd)pyrene	170.000	D	8.5	33	ug/Kg
P3265-03DL	A4DQ8DL	Solid	Naphthalene	290.000	D	3.7	33	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN080124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3265-03DL	A4DQ8DL	Solid	Phenanthrene	90.000	D	5	33	ug/Kg
P3265-03DL	A4DQ8DL	Solid	Pyrene	64.000	D	5.1	33	ug/Kg
Total Svoc :				2,543.00				
Total Concentration:				2,543.00				
Client ID : A4D41								
P3265-08	A4D41	Solid	Total Alkanes	*	0.000	1.8	11	ug/Kg
Total Tics :				0.00				
P3265-08	A4D41	Solid	1-Methylnaphthalene	9.600		1.4	5.5	ug/Kg
P3265-08	A4D41	Solid	2-Methylnaphthalene	12.000		0.57	5.5	ug/Kg
P3265-08	A4D41	Solid	Acenaphthene	61.000		0.66	5.5	ug/Kg
P3265-08	A4D41	Solid	Acenaphthylene	39.000		0.79	5.5	ug/Kg
P3265-08	A4D41	Solid	Anthracene	170.000	E	0.87	5.5	ug/Kg
P3265-08	A4D41	Solid	Benzo(a)anthracene	570.000	E	0.71	5.5	ug/Kg
P3265-08	A4D41	Solid	Benzo(a)pyrene	430.000	E	0.61	5.5	ug/Kg
P3265-08	A4D41	Solid	Benzo(b)fluoranthene	890.000	E	0.35	5.5	ug/Kg
P3265-08	A4D41	Solid	Benzo(g,h,i)perylene	45.000		1.6	5.5	ug/Kg
P3265-08	A4D41	Solid	Benzo(k)fluoranthene	260.000	E	0.66	5.5	ug/Kg
P3265-08	A4D41	Solid	Chrysene	510.000	E	0.71	5.5	ug/Kg
P3265-08	A4D41	Solid	Dibenzo(a,h)anthracene	83.000		1.5	5.5	ug/Kg
P3265-08	A4D41	Solid	Fluoranthene	1,400.000	E	1.1	5.5	ug/Kg
P3265-08	A4D41	Solid	Fluorene	64.000		1.1	5.5	ug/Kg
P3265-08	A4D41	Solid	Indeno(1,2,3-cd)pyrene	230.000	E	1.4	5.5	ug/Kg
P3265-08	A4D41	Solid	Naphthalene	23.000		0.62	5.5	ug/Kg
P3265-08	A4D41	Solid	Phenanthrene	750.000	E	0.86	5.5	ug/Kg
P3265-08	A4D41	Solid	Pyrene	1,000.000	E	0.87	5.5	ug/Kg
Total Svoc :				6,546.60				
Total Concentration:				6,546.60				
Client ID : A4D42								
P3265-09	A4D42	Solid	Total Alkanes	*	0.000	1.4	8.8	ug/Kg
Total Tics :				0.00				
P3265-09	A4D42	Solid	1-Methylnaphthalene	1.300	J	1.1	4.3	ug/Kg
P3265-09	A4D42	Solid	2-Methylnaphthalene	1.600	J	0.45	4.3	ug/Kg
P3265-09	A4D42	Solid	Acenaphthene	6.600		0.51	4.3	ug/Kg
P3265-09	A4D42	Solid	Acenaphthylene	4.300		0.62	4.3	ug/Kg
P3265-09	A4D42	Solid	Anthracene	17.000		0.68	4.3	ug/Kg
P3265-09	A4D42	Solid	Benzo(a)anthracene	46.000		0.55	4.3	ug/Kg
P3265-09	A4D42	Solid	Benzo(a)pyrene	49.000		0.47	4.3	ug/Kg
P3265-09	A4D42	Solid	Benzo(b)fluoranthene	69.000		0.28	4.3	ug/Kg
P3265-09	A4D42	Solid	Benzo(g,h,i)perylene	25.000		1.3	4.3	ug/Kg
P3265-09	A4D42	Solid	Benzo(k)fluoranthene	21.000		0.51	4.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN080124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3265-09	A4D42	Solid	Chrysene	34.000		0.55	4.3	ug/Kg
P3265-09	A4D42	Solid	Dibenzo(a,h)anthracene	6.100		1.2	4.3	ug/Kg
P3265-09	A4D42	Solid	Fluoranthene	87.000	E	0.89	4.3	ug/Kg
P3265-09	A4D42	Solid	Fluorene	6.600		0.89	4.3	ug/Kg
P3265-09	A4D42	Solid	Indeno(1,2,3-cd)pyrene	20.000		1.1	4.3	ug/Kg
P3265-09	A4D42	Solid	Naphthalene	2.800	J	0.48	4.3	ug/Kg
P3265-09	A4D42	Solid	Phenanthrene	72.000	E	0.67	4.3	ug/Kg
P3265-09	A4D42	Solid	Pyrene	76.000	E	0.68	4.3	ug/Kg

Total Svoc :

545.30

Total Concentration:

545.30

Client ID : A4CM2

P3283-01	A4CM2	Solid	Total Alkanes	*	0.000	1.2	7	ug/Kg
Total Tics :					0.00			
P3283-01	A4CM2	Solid	Acenaphthene		0.980	J	0.41	ug/Kg
P3283-01	A4CM2	Solid	Acenaphthylene		3.200	J	0.49	ug/Kg
P3283-01	A4CM2	Solid	Anthracene		3.400	J	0.55	ug/Kg
P3283-01	A4CM2	Solid	Benzo(a)anthracene		17.000		0.44	ug/Kg
P3283-01	A4CM2	Solid	Benzo(a)pyrene		21.000		0.38	ug/Kg
P3283-01	A4CM2	Solid	Benzo(b)fluoranthene		35.000		0.22	ug/Kg
P3283-01	A4CM2	Solid	Benzo(g,h,i)perylene		15.000		1	ug/Kg
P3283-01	A4CM2	Solid	Benzo(k)fluoranthene		10.000		0.41	ug/Kg
P3283-01	A4CM2	Solid	Chrysene		15.000		0.44	ug/Kg
P3283-01	A4CM2	Solid	Dibenzo(a,h)anthracene		3.700		0.93	ug/Kg
P3283-01	A4CM2	Solid	Fluoranthene		38.000		0.71	ug/Kg
P3283-01	A4CM2	Solid	Fluorene		1.200	J	0.71	ug/Kg
P3283-01	A4CM2	Solid	Indeno(1,2,3-cd)pyrene		12.000		0.9	ug/Kg
P3283-01	A4CM2	Solid	Naphthalene		1.200	J	0.39	ug/Kg
P3283-01	A4CM2	Solid	Phenanthrene		16.000		0.54	ug/Kg
P3283-01	A4CM2	Solid	Pyrene		33.000		0.55	ug/Kg

Total Svoc :

225.68

Total Concentration:

225.68

Client ID : A4DQ9

P3283-03	A4DQ9	Solid	Total Alkanes	*	0.000	1.1	6.6	ug/Kg
Total Tics :					0.00			
P3283-03	A4DQ9	Solid	Acenaphthene		690.000	E	0.38	ug/Kg
P3283-03	A4DQ9	Solid	Acenaphthylene		400.000	E	0.46	ug/Kg
P3283-03	A4DQ9	Solid	Anthracene		590.000	E	0.51	ug/Kg
P3283-03	A4DQ9	Solid	Benzo(a)anthracene		47.000		0.41	ug/Kg
P3283-03	A4DQ9	Solid	Benzo(a)pyrene		220.000	E	0.36	ug/Kg
P3283-03	A4DQ9	Solid	Benzo(b)fluoranthene		150.000	E	0.21	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN080124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3283-03	A4DQ9	Solid	Benzo(g,h,i)perylene	140.000	E	0.97	3.3	ug/Kg
P3283-03	A4DQ9	Solid	Benzo(k)fluoranthene	110.000	E	0.38	3.3	ug/Kg
P3283-03	A4DQ9	Solid	Chrysene	130.000	E	0.41	3.3	ug/Kg
P3283-03	A4DQ9	Solid	Dibenzo(a,h)anthracene	190.000	E	0.88	3.3	ug/Kg
P3283-03	A4DQ9	Solid	Fluoranthene	340.000	E	0.67	3.3	ug/Kg
P3283-03	A4DQ9	Solid	Fluorene	350.000	E	0.67	3.3	ug/Kg
P3283-03	A4DQ9	Solid	Indeno(1,2,3-cd)pyrene	160.000	E	0.85	3.3	ug/Kg
P3283-03	A4DQ9	Solid	Naphthalene	310.000	E	0.37	3.3	ug/Kg
P3283-03	A4DQ9	Solid	Phenanthrene	570.000	E	0.5	3.3	ug/Kg
P3283-03	A4DQ9	Solid	Pyrene	150.000	E	0.51	3.3	ug/Kg
Total Svoc :				4,547.00				
Total Concentration:				4,547.00				
Client ID :	A4DQ9DL							
P3283-03DL	A4DQ9DL	Solid	Total Alkanes	*	0.000	D 11	66	ug/Kg
Total Tics :				0.00				
P3283-03DL	A4DQ9DL	Solid	Acenaphthene	780.000	ED	3.8	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Acenaphthylene	380.000	D	4.6	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Anthracene	600.000	ED	5.1	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Benzo(a)anthracene	46.000	D	4.1	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Benzo(a)pyrene	250.000	D	3.6	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Benzo(b)fluoranthene	170.000	D	2.1	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Benzo(g,h,i)perylene	160.000	D	9.7	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Benzo(k)fluoranthene	140.000	D	3.8	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Chrysene	150.000	D	4.1	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Dibenzo(a,h)anthracene	210.000	D	8.8	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Fluoranthene	410.000	D	6.7	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Fluorene	370.000	D	6.7	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Indeno(1,2,3-cd)pyrene	170.000	D	8.5	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Naphthalene	350.000	D	3.7	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Phenanthrene	630.000	ED	5	33	ug/Kg
P3283-03DL	A4DQ9DL	Solid	Pyrene	180.000	D	5.1	33	ug/Kg
Total Svoc :				4,996.00				
Total Concentration:				4,996.00				
Client ID :	A4DQ9DL2							
P3283-03DL2	A4DQ9DL2	Solid	Total Alkanes	*	0.000	D 22	130	ug/Kg
Total Tics :				0.00				
P3283-03DL2	A4DQ9DL2	Solid	Acenaphthene	740.000	D	7.7	65	ug/Kg
P3283-03DL2	A4DQ9DL2	Solid	Acenaphthylene	360.000	D	9.3	65	ug/Kg
P3283-03DL2	A4DQ9DL2	Solid	Anthracene	550.000	D	10	65	ug/Kg
P3283-03DL2	A4DQ9DL2	Solid	Benzo(a)anthracene	43.000	JD	8.3	65	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN080124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3283-03DL2	A4DQ9DL2	Solid	Benzo(a)pyrene	240.000	D	7.1	65	ug/Kg
P3283-03DL2	A4DQ9DL2	Solid	Benzo(b)fluoranthene	160.000	D	4.1	65	ug/Kg
P3283-03DL2	A4DQ9DL2	Solid	Benzo(g,h,i)perylene	150.000	D	19	65	ug/Kg
P3283-03DL2	A4DQ9DL2	Solid	Benzo(k)fluoranthene	140.000	D	7.7	65	ug/Kg
P3283-03DL2	A4DQ9DL2	Solid	Chrysene	160.000	D	8.3	65	ug/Kg
P3283-03DL2	A4DQ9DL2	Solid	Dibenzo(a,h)anthracene	200.000	D	18	65	ug/Kg
P3283-03DL2	A4DQ9DL2	Solid	Fluoranthene	400.000	D	13	65	ug/Kg
P3283-03DL2	A4DQ9DL2	Solid	Fluorene	350.000	D	13	65	ug/Kg
P3283-03DL2	A4DQ9DL2	Solid	Indeno(1,2,3-cd)pyrene	170.000	D	17	65	ug/Kg
P3283-03DL2	A4DQ9DL2	Solid	Naphthalene	340.000	D	7.3	65	ug/Kg
P3283-03DL2	A4DQ9DL2	Solid	Phenanthrene	600.000	D	10	65	ug/Kg
P3283-03DL2	A4DQ9DL2	Solid	Pyrene	170.000	D	10	65	ug/Kg
Total Svoc :				4,773.00				
Total Concentration:				4,773.00				

Client ID : F7E44

P3336-16	F7E44	Solid	Total Alkanes	*	0.000	1.3	8.2	ug/Kg
Total Tics :				0.00				
P3336-16	F7E44	Solid	Acenaphthene		1.500	J 0.48	4	ug/Kg
P3336-16	F7E44	Solid	Anthracene		1.500	J 0.64	4	ug/Kg
P3336-16	F7E44	Solid	Chrysene		0.940	J 0.51	4	ug/Kg
P3336-16	F7E44	Solid	Fluoranthene		3.300	J 0.83	4	ug/Kg
P3336-16	F7E44	Solid	Fluorene		1.800	J 0.83	4	ug/Kg
P3336-16	F7E44	Solid	Naphthalene		3.700	J 0.45	4	ug/Kg
P3336-16	F7E44	Solid	Phenanthrene		4.100	0.62	4	ug/Kg
P3336-16	F7E44	Solid	Pyrene		2.000	J 0.64	4	ug/Kg
Total Svoc :				18.84				
Total Concentration:				18.84				

Client ID : E1G97

P3359-01	E1G97	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				

Client ID : E1G98

P3359-02	E1G98	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				

Client ID : E1G99

P3359-03	E1G99	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :				0.00				

Hit Summary Sheet
SW-846

SDG No.: BN080124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	0.00				
Client ID :	E1GD5							
P3359-05	E1GD5	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :	0.00				
P3359-05	E1GD5	Water	Naphthalene		0.040	J 0.011	0.1	ug/L
			Total Svoc :	0.04				
			Total Concentration:	0.04				
Client ID :	E1GF0							
P3359-06	E1GF0	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :	0.00				
P3359-06	E1GF0	Water	Naphthalene		0.050	J 0.011	0.1	ug/L
			Total Svoc :	0.05				
			Total Concentration:	0.05				
Client ID :	E1G66							
P3359-08	E1G66	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :	0.00				
			Total Concentration:	0.00				
Client ID :	E1G76							
P3359-09	E1G76	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :	0.00				
			Total Concentration:	0.00				
Client ID :	E1G77							
P3359-10	E1G77	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :	0.00				
			Total Concentration:	0.00				
Client ID :	E1GD6							
P3359-12	E1GD6	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :	0.00				
P3359-12	E1GD6	Water	Naphthalene		0.040	J 0.011	0.1	ug/L
			Total Svoc :	0.04				
			Total Concentration:	0.04				
Client ID :	E1GF3							
P3359-16	E1GF3	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :	0.00				
P3359-16	E1GF3	Water	Naphthalene		0.040	J 0.011	0.1	ug/L
			Total Svoc :	0.04				
			Total Concentration:	0.04				

Hit Summary Sheet
SW-846

SDG No.: BN080124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AZ7								
P3378-05	C0AZ7	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3378-05	C0AZ7	Water	1-Methylnaphthalene		0.470	0.024	0.1	ug/L
P3378-05	C0AZ7	Water	2-Methylnaphthalene		0.360	0.011	0.1	ug/L
P3378-05	C0AZ7	Water	Acenaphthene		0.730	0.013	0.1	ug/L
P3378-05	C0AZ7	Water	Fluoranthene		0.080 J	0.022	0.1	ug/L
P3378-05	C0AZ7	Water	Fluorene		0.330	0.022	0.1	ug/L
P3378-05	C0AZ7	Water	Naphthalene		4.400 E	0.011	0.1	ug/L
P3378-05	C0AZ7	Water	Phenanthrene		0.330	0.014	0.1	ug/L
P3378-05	C0AZ7	Water	Pyrene		0.050 J	0.016	0.1	ug/L
			Total Svoc :			6.75		
			Total Concentration:			6.75		
Client ID : C0B05								
P3378-06	C0B05	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P3378-06	C0B05	Water	Naphthalene		0.130	0.01	0.1	ug/L
			Total Svoc :			0.13		
			Total Concentration:			0.13		
Client ID : C0B06								
P3378-07	C0B06	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P3378-07	C0B06	Water	Naphthalene		0.070 J	0.011	0.1	ug/L
			Total Svoc :			0.07		
			Total Concentration:			0.07		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN072524 SAS No.: BN072524 SDG No.: BN072524
Instrument ID: _____ Calibration Date(s): 7/25/2024 : _____
Calibration Time(s): 12:09 _____

LAB FILE ID:		RRFAL1 = BN032967.D			RRFAL2 = BN032968.D		RRFAL3 = BN032969.D	
		RRFAL4 = BN032970.D			RRFAL5 = BN032971.D		RRFAL6 = BN032972.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.557	0.673	0.634	0.522	0.498	0.577	12.9
1,4-Dioxane-d8		0.494	0.565	0.544	0.472	0.454	0.506	9.3
Naphthalene	1.022	1.043	1.030	1.048	0.994		1.027	2.0
1-Methylnaphthalene	0.794	0.728	0.771	0.738	0.732		0.753	3.8
2-Methylnaphthalene	0.723	0.684	0.679	0.694	0.699		0.696	2.5
Acenaphthylene	1.647	1.597	1.599	1.688	1.654		1.637	2.4
Acenaphthene	1.270	1.207	1.211	1.260	1.209		1.231	2.5
Fluorene	1.477	1.391	1.396	1.501	1.410		1.435	3.5
Pentachlorophenol		0.086	0.078	0.080	0.078	0.086	0.081	4.9
Phenanthrene	1.227	1.036	1.024	1.054	1.024		1.073	8.1
Anthracene	0.993	0.937	0.935	0.992	0.966		0.965	3.0
Fluoranthene	1.405	1.269	1.283	1.346	1.283		1.317	4.3
Pyrene	1.502	1.369	1.373	1.444	1.374		1.412	4.2
Benzo(a)anthracene	1.476	1.366	1.289	1.369	1.321		1.364	5.2
Chrysene	1.745	1.622	1.554	1.575	1.466		1.592	6.4
Benzo(b)fluoranthene	1.248	1.146	1.110	1.196	1.142		1.168	4.6
Benzo(k)fluoranthene	1.506	1.447	1.366	1.371	1.312		1.400	5.4
Benzo(a)pyrene	1.163	1.096	1.077	1.115	1.047		1.100	4.0
Indeno(1,2,3-cd)pyrene	1.830	1.658	1.624	1.670	1.579		1.672	5.7
Dibenzo(a,h)anthracene	1.448	1.310	1.291	1.321	1.257		1.325	5.5
Benzo(g,h,i)perylene	1.460	1.327	1.288	1.325	1.245		1.329	6.1
Fluoranthene-d10	1.187	1.110	1.095	1.155	1.116		1.133	3.3
2-Methylnaphthalene-d10	0.673	0.640	0.653	0.650	0.646		0.653	1.9

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.: BN080124 SAS No.: BN080124 SDG NO.: BN080124

EPA Sample No.: SSTD0.4246

Date Analyzed: Aug 1 2024 12:00AM

Lab File ID: BN032969.D

Time Analyzed: 00:29

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	1674	7.528	6098	10.30	4702	14.17
	UPPER LIMIT	3348	8.028	12196	10.8	9404	14.671
	LOWER LIMIT	837	7.028	3049	9.8	2351	13.671
	EPA SAMPLE NO.						
01	C0B05	2821	7.49	9497	10.25	6156	14.13
02	C0B06	2454	7.49	8207	10.25	5300	14.13
03	SLCS311	1659	7.58	6780	10.34	4392	14.17
04	SBLK174	2578	7.50	9161	10.24	5357	14.13
05	SBLK364	2758	7.50	9650	10.24	5568	14.13
06	A4D41	3341	7.50	11343	10.25	6726	14.13
07	A4D42	3265	7.48	10679	10.23	6258	14.13
08	A4D42MS	2331	7.52	7933	10.28	4724	14.14
09	A4D42MSD	2199	7.52	7580	10.27	4380	14.14
10	A4CM2	2806	7.48	9185	10.24	5289	14.13
11	A4CM2MS	2978	7.50	9864	10.27	5598	14.13
12	A4CM2MSD	2592	7.50	8529	10.26	4987	14.13
13	SBLK172	2830	7.49	9949	10.24	6149	14.13
14	A4DQ8	2328	7.50	8147	10.25	4795	14.13
15	A4DQ9	2167	7.50	7894	10.25	4757	14.13
16	A4DQ8DL	1993	7.53	7068	10.30	4655	14.15
17	A4DQ9DL	1768	7.54	6278	10.31	4298	14.15
18	A4DQ9DL2	1705	7.54	5968	10.32	4223	14.16
19	F7E44	2119	7.49	6217	10.25	4352	14.13
20	SBLK311	3512 *	7.49	12511 *	10.24	7397	14.13
21	SBLK306	3305	7.49	11590	10.24	6883	14.13
22	E1GF0	2652	7.50	9056	10.25	5886	14.13
23	E1G66	2769	7.50	9847	10.25	5952	14.13

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080124 SAS No.: BN080124 SDG NO.: BN080124

EPA Sample No.: SSTD0.4246 Date Analyzed: Jul 31 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 19:02

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	1674	7.528	6098	10.30	4702	14.17
UPPER LIMIT	3348	8.028	12196	10.8	9404	14.671
LOWER LIMIT	837	7.028	3049	9.8	2351	13.671
EPA SAMPLE NO.						
24 E1G76	2977	7.50	10581	10.25	6312	14.13
25 E1G77	2271	7.50	7979	10.25	4819	14.13
26 E1GD6	2453	7.50	8550	10.25	5587	14.13
27 E1GF3	2773	7.50	9474	10.25	6159	14.13
28 E1G97	2413	7.50	8660	10.25	4581	14.13
29 E1G98	2702	7.50	9735	10.25	5915	14.13
30 E1G99	3067	7.50	10731	10.24	6524	14.13
31 E1GD5	2842	7.50	9732	10.24	6140	14.13
32 C0AZ7	2836	7.50	9729	10.24	5719	14.13

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.: BN080124 SAS No.: BN080124 SDG NO.: BN080124

EPA Sample No.: SSTD0.4290 Date Analyzed: Jul 31 2024 12:00AM

Lab File ID: BN033124.D Time Analyzed: 10:58

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	2134	7.491	7251	10.26	4756	14.14
UPPER LIMIT	4268	7.991	14502	10.762	9512	14.638
LOWER LIMIT	1067	6.991	3625.5	9.762	2378	13.638
EPA SAMPLE NO.						
01 SBLK172	2830	7.49	9949	10.24	6149	14.13
02 A4DQ8	2328	7.50	8147	10.25	4795	14.13
03 A4DQ9	2167	7.50	7894	10.25	4757	14.13
04 A4DQ8DL	1993	7.53	7068	10.30	4655	14.15
05 A4DQ9DL	1768	7.54	6278	10.31	4298	14.15
06 A4DQ9DL2	1705	7.54	5968	10.32	4223	14.16
07 F7E44	2119	7.49	6217	10.25	4352	14.13

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.: BN080124 SAS No.: BN080124 SDG NO.: BN080124

EPA Sample No.: SSTD0.4291 Date Analyzed: Aug 1 2024 12:00AM

Lab File ID: BN033132.D Time Analyzed: 00:29

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	1827	7.545	6679	10.31	4264	14.16
	UPPER LIMIT	3654	8.045	13358	10.811	8528	14.662
	LOWER LIMIT	913.5	7.045	3339.5	9.811	2132	13.662
	EPA SAMPLE NO.						
01	C0B05	2821	7.49	9497	10.25	6156	14.13
02	C0B06	2454	7.49	8207	10.25	5300	14.13
03	SLCS311	1659	7.58	6780	10.34	4392	14.17
01	SBLK311	3512	7.49	12511	10.24	7397	14.13
02	SBLK306	3305	7.49	11590	10.24	6883	14.13
03	E1GF0	2652	7.50	9056	10.25	5886	14.13
04	E1G66	2769	7.50	9847	10.25	5952	14.13
05	E1G76	2977	7.50	10581	10.25	6312	14.13
06	E1G77	2271	7.50	7979	10.25	4819	14.13
07	E1GD6	2453	7.50	8550	10.25	5587	14.13
08	E1GF3	2773	7.50	9474	10.25	6159	14.13
09	E1G97	2413	7.50	8660	10.25	4581	14.13
10	E1G98	2702	7.50	9735	10.25	5915	14.13
11	E1G99	3067	7.50	10731	10.24	6524	14.13
12	E1GD5	2842	7.50	9732	10.24	6140	14.13
13	C0AZ7	2836	7.50	9729	10.24	5719	14.13

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080124 SAS No.: BN080124 SDG NO.: BN080124

EPA Sample No.: SSTD0.4291 Date Analyzed: Jul 31 2024 12:00AM

Lab File ID: BN033132.D Time Analyzed: 23:52

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	1827	7.545	6679	10.31	4264	14.16
UPPER LIMIT	3654	8.045	13358	10.811	8528	14.662
LOWER LIMIT	913.5	7.045	3339.5	9.811	2132	13.662
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080124 SAS No.: BN080124 SDG NO.: BN080124

EPA Sample No.: SSTD0.4292 Date Analyzed: Aug 1 2024 12:00AM

Lab File ID: BN033149.D Time Analyzed: 03:30

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	1686	7.583	6778	10.33	4249	14.17
UPPER LIMIT	3372	8.083	13556	10.833	8498	14.666
LOWER LIMIT	843	7.083	3389	9.833	2124.5	13.666
EPA SAMPLE NO.						
01 SBLK174	2578	7.50	9161	10.24	5357	14.13
02 SBLK364	2758	7.50	9650	10.24	5568	14.13
03 A4D41	3341	7.50	11343	10.25	6726	14.13
04 A4D42	3265	7.48	10679	10.23	6258	14.13
05 A4D42MS	2331	7.52	7933	10.28	4724	14.14
06 A4D42MSD	2199	7.52	7580	10.27	4380	14.14
07 A4CM2	2806	7.48	9185	10.24	5289	14.13
08 A4CM2MS	2978	7.50	9864	10.27	5598	14.13
09 A4CM2MSD	2592	7.50	8529	10.26	4987	14.13

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.: BN080124 SAS No.: BN080124 SDG NO.: BN080124

EPA Sample No.: SSTD0.4246 Date Analyzed: Aug 1 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 00:29

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	10164	16.945	10640	21.16	13994	23.349
	UPPER LIMIT	20328	17.445	21280	21.66	27988	23.849
	LOWER LIMIT	5082	16.445	5320	20.66	6997	22.849
	EPA SAMPLE NO.						
01	C0B05	13203	16.90	11129	21.15	5678 *	23.32
02	C0B06	11503	16.90	9967	21.16	4830 *	23.32
03	SLCS311	9593	16.95	8292	21.16	7950	23.35
04	SBLK174	11941	16.90	9824	21.16	4945 *	23.32
05	SBLK364	12357	16.90	10102	21.16	4768 *	23.32
06	A4D41	15771	16.89	13065	21.11	12443	23.29
07	A4D42	14215	16.89	12106	21.12	10499	23.30
08	A4D42MS	10091	16.91	9233	21.13	9640	23.31
09	A4D42MSD	9722	16.91	8811	21.13	9197	23.31
10	A4CM2	11683	16.90	9507	21.13	8231	23.31
11	A4CM2MS	12136	16.91	10166	21.13	10554	23.31
12	A4CM2MSD	11204	16.91	9405	21.13	9820	23.31
13	SBLK172	14194	16.90	14344	21.15	11576	23.32
14	A4DQ8	11027	16.90	11673	21.13	12893	23.32
15	A4DQ9	10946	16.90	11508	21.13	12714	23.32
16	A4DQ8DL	10592	16.93	10945	21.15	11338	23.33
17	A4DQ9DL	9695	16.92	9864	21.15	10619	23.34
18	A4DQ9DL2	9501	16.93	9538	21.15	10230	23.34
19	F7E44	9955	16.90	10193	21.15	7151	23.33
20	SBLK311	16758	16.90	14616	21.16	8462	23.33
21	SBLK306	15529	16.90	13081	21.16	6849 *	23.33

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080124 SAS No.: BN080124 SDG NO.: BN080124

EPA Sample No.: SSTD0.4246 Date Analyzed: Jul 31 2024 12:00AM

Lab File ID: BN032969.D Time Analyzed: 17:50

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	10164	16.945	10640	21.16	13994	23.349
	UPPER LIMIT	20328	17.445	21280	21.66	27988	23.849
	LOWER LIMIT	5082	16.445	5320	20.66	6997	22.849
	EPA SAMPLE NO.						
22	E1GF0	12707	16.90	11448	21.16	5453 *	23.33
23	E1G66	10799	16.90	11718	21.16	6161 *	23.33
24	E1G76	14001	16.90	12138	21.16	6026 *	23.32
25	E1G77	10802	16.90	10569	21.15	6212 *	23.32
26	E1GD6	11922	16.90	10589	21.16	4696 *	23.32
27	E1GF3	13283	16.90	11790	21.16	5388 *	23.32
28	E1G97	11467	16.90	10012	21.16	4571 *	23.32
29	E1G98	13163	16.90	11840	21.16	6335 *	23.32
30	E1G99	14624	16.90	12683	21.15	7405	23.32
31	E1GD5	13673	16.90	11199	21.15	5803 *	23.32
32	C0AZ7	12766	16.90	10966	21.14	7822	23.31

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.: BN080124 SAS No.: BN080124 SDG NO.: BN080124

EPA Sample No.: SSTD0.4290 Date Analyzed: Jul 31 2024 12:00AM

Lab File ID: BN033124.D Time Analyzed: 10:58

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	12037	16.92	11609	21.142	11992	23.334
UPPER LIMIT	24074	17.42	23218	21.642	23984	23.834
LOWER LIMIT	6018.5	16.42	5804.5	20.642	5996	22.834
EPA SAMPLE NO.						
01 SBLK172	14194	16.90	14344	21.15	11576	23.32
02 A4DQ8	11027	16.90	11673	21.13	12893	23.32
03 A4DQ9	10946	16.90	11508	21.13	12714	23.32
04 A4DQ8DL	10592	16.93	10945	21.15	11338	23.33
05 A4DQ9DL	9695	16.92	9864	21.15	10619	23.34
06 A4DQ9DL2	9501	16.93	9538	21.15	10230	23.34
07 F7E44	9955	16.90	10193	21.15	7151	23.33

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.: BN080124 SAS No.: BN080124 SDG NO.: BN080124

EPA Sample No.: SSTD0.4291 Date Analyzed: Aug 1 2024 12:00AM

Lab File ID: BN033132.D Time Analyzed: 00:29

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	9516	16.945	9367	21.157	9008	23.355
	UPPER LIMIT	19032	17.445	18734	21.657	18016	23.855
	LOWER LIMIT	4758	16.445	4683.5	20.657	4504	22.855
	EPA SAMPLE NO.						
01	C0B05	13203	16.90	11129	21.15	5678	23.32
02	C0B06	11503	16.90	9967	21.16	4830	23.32
03	SLCS311	9593	16.95	8292	21.16	7950	23.35
01	SBLK311	16758	16.90	14616	21.16	8462	23.33
02	SBLK306	15529	16.90	13081	21.16	6849	23.33
03	E1GF0	12707	16.90	11448	21.16	5453	23.33
04	E1G66	10799	16.90	11718	21.16	6161	23.33
05	E1G76	14001	16.90	12138	21.16	6026	23.32
06	E1G77	10802	16.90	10569	21.15	6212	23.32
07	E1GD6	11922	16.90	10589	21.16	4696	23.32
08	E1GF3	13283	16.90	11790	21.16	5388	23.32
09	E1G97	11467	16.90	10012	21.16	4571	23.32
10	E1G98	13163	16.90	11840	21.16	6335	23.32
11	E1G99	14624	16.90	12683	21.15	7405	23.32
12	E1GD5	13673	16.90	11199	21.15	5803	23.32
13	C0AZ7	12766	16.90	10966	21.14	7822	23.31

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080124 SAS No.: BN080124 SDG NO.: BN080124

EPA Sample No.: SSTD0.4291 Date Analyzed: Jul 31 2024 12:00AM

Lab File ID: BN033132.D Time Analyzed: 23:52

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	9516	16.945	9367	21.157	9008	23.355
UPPER LIMIT	19032	17.445	18734	21.657	18016	23.855
LOWER LIMIT	4758	16.445	4683.5	20.657	4504	22.855
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080124 SAS No.: BN080124 SDG NO.: BN080124

EPA Sample No.: SSTD0.4292 Date Analyzed: Aug 1 2024 12:00AM

Lab File ID: BN033149.D Time Analyzed: 03:30

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	8132	16.949	8594	21.154	8687	23.346
	UPPER LIMIT	16264	17.449	17188	21.654	17374	23.846
	LOWER LIMIT	4066	16.449	4297	20.654	4343.5	22.846
	EPA SAMPLE NO.						
01	SBLK174	11941	16.90	9824	21.16	4945	23.32
02	SBLK364	12357	16.90	10102	21.16	4768	23.32
03	A4D41	15771	16.89	13065	21.11	12443	23.29
04	A4D42	14215	16.89	12106	21.12	10499	23.30
05	A4D42MS	10091	16.91	9233	21.13	9640	23.31
06	A4D42MSD	9722	16.91	8811	21.13	9197	23.31
07	A4CM2	11683	16.90	9507	21.13	8231	23.31
08	A4CM2MS	12136	16.91	10166	21.13	10554	23.31
09	A4CM2MSD	11204	16.91	9405	21.13	9820	23.31

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.: BN080124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162311BS	1,4-Dioxane	2	2.4	ug/L	120				0	0		
	Naphthalene	0.4	0.39	ug/L	98				0	0		
	1-Methylnaphthalene	0.4	0.33	ug/L	83				0	0		
	2-Methylnaphthalene	0.4	0.33	ug/L	83				0	0		
	Acenaphthylene	0.4	0.35	ug/L	88				0	0		
	Acenaphthene	0.4	0.41	ug/L	103				0	0		
	Fluorene	0.4	0.38	ug/L	95				0	0		
	Pentachlorophenol	0.8	0.39	ug/L	49				0	0		
	Phenanthrene	0.4	0.36	ug/L	90				0	0		
	Anthracene	0.4	0.32	ug/L	80				0	0		
	Fluoranthene	0.4	0.44	ug/L	110				0	0		
	Pyrene	0.4	0.43	ug/L	108				0	0		
	Benzo(a)anthracene	0.4	0.32	ug/L	80				0	0		
	Chrysene	0.4	0.42	ug/L	105				0	0		
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(k)fluoranthene	0.4	0.47	ug/L	117				0	0		
	Benzo(a)pyrene	0.4	0.43	ug/L	108				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				0	0		
	Dibenzo(a,h)anthracene	0.4	0.34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	0.4	0.37	ug/L	93				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK172

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN080124

SAS No.: BN080124 SDG NO.: BN080124

Lab File ID: BN033125.D

Lab Sample ID: PB162172BL

Instrument ID: BNA_N

Date Extracted: 07/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/31/2024

Level: (low/med) LOW

Time Analyzed: 10:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DQ8	P3265-03	BN033126.D	07/31/2024
A4D41	P3265-08	BN033152.D	08/01/2024
A4D42	P3265-09	BN033153.D	08/01/2024
A4D42MS	P3265-11MS	BN033154.D	08/01/2024
A4D42MSD	P3265-12MSD	BN033155.D	08/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK174

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN080124

SAS No.: BN080124 SDG NO.: BN080124

Lab File ID: BN033150.D

Lab Sample ID: PB162174BL

Instrument ID: BNA_N

Date Extracted: 07/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/01/2024

Level: (low/med) LOW

Time Analyzed: 03:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CM2	P3283-01	BN033156.D	08/01/2024
A4CM2MS	P3283-06MS	BN033157.D	08/01/2024
A4CM2MSD	P3283-07MSD	BN033158.D	08/01/2024
A4DQ9	P3283-03	BN033127.D	07/31/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

F7E44

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN080124

SAS No.: BN080124 SDG NO.: BN080124

Lab File ID: BN033131.D

Lab Sample ID: P3336-16

Instrument ID: BNA_N

Date Extracted: 07/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/31/2024

Level: (low/med) LOW

Time Analyzed: 14:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7E44	P3336-16	BN033131.D	07/31/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK306

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN080124

SAS No.: BN080124 SDG NO.: BN080124

Lab File ID: BN033134.D

Lab Sample ID: PB162306BL

Instrument ID: BNA_N

Date Extracted: 07/25/2024

Matrix: (soil/water) Water

Date Analyzed: 07/31/2024

Level: (low/med) LOW

Time Analyzed: 17:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1G97	P3359-01	BN033141.D	07/31/2024
E1G98	P3359-02	BN033142.D	07/31/2024
E1G99	P3359-03	BN033143.D	07/31/2024
E1GD5	P3359-05	BN033144.D	07/31/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK311

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN080124

SAS No.: BN080124 SDG NO.: BN080124

Lab File ID: BN033133.D

Lab Sample ID: PB162311BL

Instrument ID: BNA_N

Date Extracted: 07/26/2024

Matrix: (soil/water) Water

Date Analyzed: 07/31/2024

Level: (low/med) LOW

Time Analyzed: 16:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1GF0	P3359-06	BN033135.D	07/31/2024
E1G66	P3359-08	BN033136.D	07/31/2024
E1G76	P3359-09	BN033137.D	07/31/2024
E1G77	P3359-10	BN033138.D	07/31/2024
E1GD6	P3359-12	BN033139.D	07/31/2024
PB162311BS	PB162311BS	BN033148.D	08/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E1GF3

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN080124

SAS No.: BN080124 SDG NO.: BN080124

Lab File ID: BN033140.D

Lab Sample ID: P3359-16

Instrument ID: BNA_N

Date Extracted: 07/29/2024

Matrix: (soil/water) Water

Date Analyzed: 07/31/2024

Level: (low/med) LOW

Time Analyzed: 20:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1GF3	P3359-16	BN033140.D	07/31/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK364

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN080124

SAS No.: BN080124 SDG NO.: BN080124

Lab File ID: BN033151.D

Lab Sample ID: PB162364BL

Instrument ID: BNA_N

Date Extracted: 07/29/2024

Matrix: (soil/water) Water

Date Analyzed: 08/01/2024

Level: (low/med) LOW

Time Analyzed: 04:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AZ7	P3378-05	BN033145.D	07/31/2024
C0B05	P3378-06	BN033146.D	08/01/2024
C0B06	P3378-07	BN033147.D	08/01/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN080124

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3283-06MS	Client Sample ID:	A4CM2MS					DataFile:	BN033157.D		
1,4-Dioxane	69.8		33	ug/Kg	47				15	120	
Naphthalene	14	1.2	10	ug/Kg	63				0	0	
1-Methylnaphthalene	14		8.2	ug/Kg	59				0	0	
2-Methylnaphthalene	14		8.9	ug/Kg	64				0	0	
Acenaphthylene	14	3.2	12	ug/Kg	63				0	0	
Acenaphthene	14	0.98	12	ug/Kg	79				31	137	
Fluorene	14	1.2	9.2	ug/Kg	57				0	0	
Pentachlorophenol	27.9		20	ug/Kg	72				17	109	
Phenanthrene	14	16	29	ug/Kg	93				0	0	
Anthracene	14	3.4	13	ug/Kg	69				0	0	
Fluoranthene	14	38	59	ug/Kg	150				0	0	
Pyrene	14	33	51	ug/Kg	129				35	142	
Benzo(a)anthracene	14	17	29	ug/Kg	86				0	0	
Chrysene	14	15	28	ug/Kg	93				0	0	
Benzo(b)fluoranthene	14	35	47	ug/Kg	86				0	0	
Benzo(k)fluoranthene	14	10	21	ug/Kg	79				0	0	
Benzo(a)pyrene	14	21	32	ug/Kg	79				0	0	
Indeno(1,2,3-cd)pyrene	14	12	21	ug/Kg	64				0	0	
Dibenzo(a,h)anthracene	14	3.7	12	ug/Kg	59				0	0	
Benzo(g,h,i)perylene	14	15	24	ug/Kg	64				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN080124

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3283-07MSD	Client Sample ID:	A4CM2MSD					DataFile:	BN033158.D		
1,4-Dioxane	69.8		38	ug/Kg	54		14		15	120	50
Naphthalene	14	1.2	11	ug/Kg	70		11	*	0	0	0
1-Methylnaphthalene	14		10	ug/Kg	71		18	*	0	0	0
2-Methylnaphthalene	14		10	ug/Kg	71		10	*	0	0	0
Acenaphthylene	14	3.2	14	ug/Kg	77		20	*	0	0	0
Acenaphthene	14	0.98	12	ug/Kg	79		0		31	137	19
Fluorene	14	1.2	12	ug/Kg	77		30	*	0	0	0
Pentachlorophenol	27.9		24	ug/Kg	86		18		17	109	47
Phenanthrene	14	16	34	ug/Kg	129		32	*	0	0	0
Anthracene	14	3.4	15	ug/Kg	83		18	*	0	0	0
Fluoranthene	14	38	66	ug/Kg	200		29	*	0	0	0
Pyrene	14	33	56	ug/Kg	164	*	24		35	142	36
Benzo(a)anthracene	14	17	33	ug/Kg	114		28	*	0	0	0
Chrysene	14	15	32	ug/Kg	121		26	*	0	0	0
Benzo(b)fluoranthene	14	35	53	ug/Kg	129		40	*	0	0	0
Benzo(k)fluoranthene	14	10	23	ug/Kg	93		16	*	0	0	0
Benzo(a)pyrene	14	21	36	ug/Kg	107		30	*	0	0	0
Indeno(1,2,3-cd)pyrene	14	12	25	ug/Kg	93		37	*	0	0	0
Dibenzo(a,h)anthracene	14	3.7	14	ug/Kg	74		23	*	0	0	0
Benzo(g,h,i)perylene	14	15	27	ug/Kg	86		29	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN080124

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3265-11MS	Client Sample ID:	A4D42MS					DataFile:	BN033154.D		
1,4-Dioxane	87.4		46	ug/Kg	53				15	120	
Naphthalene	17.5	2.8	14	ug/Kg	64				0	0	
1-Methylnaphthalene	17.5	1.3	11	ug/Kg	55				0	0	
2-Methylnaphthalene	17.5	1.6	12	ug/Kg	59				0	0	
Acenaphthylene	17.5	4.3	15	ug/Kg	61				0	0	
Acenaphthene	17.5	6.6	16	ug/Kg	54				31	137	
Fluorene	17.5	6.6	14	ug/Kg	42				0	0	
Pentachlorophenol	35		22	ug/Kg	63				17	109	
Phenanthrene	17.5	72	37	ug/Kg	-200				0	0	
Anthracene	17.5	17	17	ug/Kg	0				0	0	
Fluoranthene	17.5	87	66	ug/Kg	-120				0	0	
Pyrene	17.5	76	59	ug/Kg	-97	*			35	142	
Benzo(a)anthracene	17.5	46	36	ug/Kg	-57				0	0	
Chrysene	17.5	34	33	ug/Kg	-6				0	0	
Benzo(b)fluoranthene	17.5	69	51	ug/Kg	-103				0	0	
Benzo(k)fluoranthene	17.5	21	23	ug/Kg	11				0	0	
Benzo(a)pyrene	17.5	49	37	ug/Kg	-69				0	0	
Indeno(1,2,3-cd)pyrene	17.5	20	22	ug/Kg	11				0	0	
Dibenzo(a,h)anthracene	17.5	6.1	14	ug/Kg	45				0	0	
Benzo(g,h,i)perylene	17.5	25	26	ug/Kg	6				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN080124

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3265-12MSD	Client Sample ID:	A4D42MSD					DataFile:	BN033155.D		
1,4-Dioxane	87.5		52	ug/Kg	59		11		15	120	50
Naphthalene	17.5	2.8	15	ug/Kg	70		9	*	0	0	0
1-Methylnaphthalene	17.5	1.3	13	ug/Kg	67		20	*	0	0	0
2-Methylnaphthalene	17.5	1.6	14	ug/Kg	71		18	*	0	0	0
Acenaphthylene	17.5	4.3	16	ug/Kg	67		9	*	0	0	0
Acenaphthene	17.5	6.6	18	ug/Kg	65		18		31	137	19
Fluorene	17.5	6.6	16	ug/Kg	54		25	*	0	0	0
Pentachlorophenol	35		23	ug/Kg	66		5		17	109	47
Phenanthrene	17.5	72	41	ug/Kg	-177		12	*	0	0	0
Anthracene	17.5	17	19	ug/Kg	11		200	*	0	0	0
Fluoranthene	17.5	87	73	ug/Kg	-80		40	*	0	0	0
Pyrene	17.5	76	65	ug/Kg	-63	*	43	*	35	142	36
Benzo(a)anthracene	17.5	46	40	ug/Kg	-34		51	*	0	0	0
Chrysene	17.5	34	36	ug/Kg	11		680	*	0	0	0
Benzo(b)fluoranthene	17.5	69	56	ug/Kg	-74		33	*	0	0	0
Benzo(k)fluoranthene	17.5	21	26	ug/Kg	29		90	*	0	0	0
Benzo(a)pyrene	17.5	49	41	ug/Kg	-46		40	*	0	0	0
Indeno(1,2,3-cd)pyrene	17.5	20	25	ug/Kg	29		90	*	0	0	0
Dibenzo(a,h)anthracene	17.5	6.1	15	ug/Kg	51		13	*	0	0	0
Benzo(g,h,i)perylene	17.5	25	29	ug/Kg	23		117	*	0	0	0

Surrogate Summary

SW-846

SDG No.: **BN080124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3265-03	A4DQ8	BN033126.D	1,4-Dioxane-d8	8	0.37	5	*	15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P3265-03DL	A4DQ8DL	BN033128.D	1,4-Dioxane-d8	8	0.56	7	*	15	120
			Fluoranthene-d10	0.4	0.34	85		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P3265-08	A4D41	BN033152.D	1,4-Dioxane-d8	8	2.35	29		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.14	35		20	140
P3265-09	A4D42	BN033153.D	1,4-Dioxane-d8	8	3.83	48		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
P3265-11MS	A4D42MS	BN033154.D	1,4-Dioxane-d8	0.8	0.40	50		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
P3265-12MSD	A4D42MSD	BN033155.D	1,4-Dioxane-d8	0.8	0.49	61		15	120
			Fluoranthene-d10	0.4	0.35	87		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		20	140
PB162172BL	PB162172BL	BN033125.D	1,4-Dioxane-d8	8	4.92	61		15	120
			Fluoranthene-d10	0.4	0.27	67		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140

Surrogate Summary

SW-846

SDG No.: **BN080124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3283-01	A4CM2	BN033156.D	1,4-Dioxane-d8	8	3.51	44		15	120
			Fluoranthene-d10	0.4	0.27	67		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P3283-03	A4DQ9	BN033127.D	1,4-Dioxane-d8	8	0.39	5	*	15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		20	140
P3283-03DL	A4DQ9DL	BN033129.D	1,4-Dioxane-d8	8	0.55	7	*	15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140
P3283-03DL2	A4DQ9DL2	BN033130.D	1,4-Dioxane-d8	8	0.64	8	*	15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		20	140
P3283-06MS	A4CM2MS	BN033157.D	1,4-Dioxane-d8	0.8	0.36	45		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P3283-07MSD	A4CM2MSD	BN033158.D	1,4-Dioxane-d8	0.8	0.43	53		15	120
			Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		20	140
PB162174BL	PB162174BL	BN033150.D	1,4-Dioxane-d8	8	5.27	66		15	120
			Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.20	51		20	140

Surrogate Summary

SW-846

SDG No.: BN080124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3336-16	F7E44	BN033131.D	1,4-Dioxane-d8	8	3.23	40		15	120
			Fluoranthene-d10	0.4	0.20	49		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140

Surrogate Summary

SW-846

SDG No.: **BN080124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3359-01	E1G97	BN033141.D	1,4-Dioxane-d8	8	4.69	59		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		30	130
P3359-02	E1G98	BN033142.D	1,4-Dioxane-d8	8	3.85	48		15	120
			Fluoranthene-d10	0.4	0.30	76		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		30	130
P3359-03	E1G99	BN033143.D	1,4-Dioxane-d8	8	3.93	49		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		30	130
P3359-05	E1GD5	BN033144.D	1,4-Dioxane-d8	8	4.16	52		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		30	130
PB162306BL	PB162306BL	BN033134.D	1,4-Dioxane-d8	8	5.07	63		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		30	130

Surrogate Summary

SW-846

SDG No.: **BN080124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3359-06	E1GF0	BN033135.D	1,4-Dioxane-d8	8	3.96	50		15	120
			Fluoranthene-d10	0.4	0.35	87		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		30	130
P3359-08	E1G66	BN033136.D	1,4-Dioxane-d8	8	4.10	51		15	120
			Fluoranthene-d10	0.4	0.33	82		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		30	130
P3359-09	E1G76	BN033137.D	1,4-Dioxane-d8	8	4.52	56		15	120
			Fluoranthene-d10	0.4	0.35	87		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		30	130
P3359-10	E1G77	BN033138.D	1,4-Dioxane-d8	8	4.66	58		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		30	130
P3359-12	E1GD6	BN033139.D	1,4-Dioxane-d8	8	4.49	56		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
PB162311BL	PB162311BL	BN033133.D	1,4-Dioxane-d8	8	4.73	59		15	120
			Fluoranthene-d10	0.4	0.27	67		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		30	130
PB162311BS	PB162311BS	BN033148.D	1,4-Dioxane-d8	0.8	0.98	122	*	15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130

Surrogate Summary

SW-846

SDG No.: BN080124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3359-16	E1GF3	BN033140.D	1,4-Dioxane-d8	8	3.94	49		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		30	130

Surrogate Summary

SW-846

SDG No.: **BN080124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3378-05	C0AZ7	BN033145.D	1,4-Dioxane-d8	8	4.00	50		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		30	130
P3378-06	C0B05	BN033146.D	1,4-Dioxane-d8	8	4.17	52		15	120
			Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		30	130
P3378-07	C0B06	BN033147.D	1,4-Dioxane-d8	8	4.67	58		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
PB162364BL	PB162364BL	BN033151.D	1,4-Dioxane-d8	8	5.27	66		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN080124

Lab Code: CHEM

SAS No.: BN080124

SDG NO.: BN080124

Lab File ID: BN033123.D

DFTPP Injection Date: 07/31/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.7
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	42.9
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	52.4
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	26.4
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	55.1
443	15.0 - 24.0% of mass 442	11.5 (20.9) 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
SSTD0.4290	SSTDCCC0.4	BN033124.D	07/31/2024	10:21
SBLK172	PB162172BL	BN033125.D	07/31/2024	10:58
A4DQ8	P3265-03	BN033126.D	07/31/2024	11:36
A4DQ9	P3283-03	BN033127.D	07/31/2024	12:12
A4DQ8DL	P3265-03DL	BN033128.D	07/31/2024	12:48
A4DQ9DL	P3283-03DL	BN033129.D	07/31/2024	13:24
A4DQ9DL2	P3283-03DL2	BN033130.D	07/31/2024	14:00
F7E44	P3336-16	BN033131.D	07/31/2024	14:47
SSTD0.4291	SSTDCCC0.4	BN033132.D	07/31/2024	16:01
SBLK311	PB162311BL	BN033133.D	07/31/2024	16:37
SBLK306	PB162306BL	BN033134.D	07/31/2024	17:13
E1GF0	P3359-06	BN033135.D	07/31/2024	17:50
E1G66	P3359-08	BN033136.D	07/31/2024	18:26
E1G76	P3359-09	BN033137.D	07/31/2024	19:02
E1G77	P3359-10	BN033138.D	07/31/2024	19:38
E1GD6	P3359-12	BN033139.D	07/31/2024	20:15
E1GF3	P3359-16	BN033140.D	07/31/2024	20:51
E1G97	P3359-01	BN033141.D	07/31/2024	21:27

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN080124

Lab Code: CHEM

SAS No.: BN080124 SDG NO.: BN080124

Lab File ID: BN033123.D

DFTPP Injection Date: 07/31/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.7
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	42.9
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	52.4
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	26.4
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	55.1
443	15.0 - 24.0% of mass 442	11.5 (20.9) 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
E1G98	P3359-02	BN033142.D	07/31/2024	22:03
E1G99	P3359-03	BN033143.D	07/31/2024	22:39
E1GD5	P3359-05	BN033144.D	07/31/2024	23:16
C0AZ7	P3378-05	BN033145.D	07/31/2024	23:52
C0B05	P3378-06	BN033146.D	08/01/2024	00:29
C0B06	P3378-07	BN033147.D	08/01/2024	01:05
SLCS311	PB162311BS	BN033148.D	08/01/2024	01:41
SSTD0.4292	SSTDCCC0.4	BN033149.D	08/01/2024	02:54
SBLK174	PB162174BL	BN033150.D	08/01/2024	03:30
SBLK364	PB162364BL	BN033151.D	08/01/2024	04:06
A4D41	P3265-08	BN033152.D	08/01/2024	04:42
A4D42	P3265-09	BN033153.D	08/01/2024	05:18
A4D42MS	P3265-11MS	BN033154.D	08/01/2024	05:54
A4D42MSD	P3265-12MSD	BN033155.D	08/01/2024	06:31
A4CM2	P3283-01	BN033156.D	08/01/2024	07:07
A4CM2MS	P3283-06MS	BN033157.D	08/01/2024	07:43
A4CM2MSD	P3283-07MSD	BN033158.D	08/01/2024	08:19