

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN111124 SAS No.: BN111124 SDG No.: BN111124

Instrument ID: BNA_N Calibration Date/Time: 11/11/2024 : 09:48

Lab File ID: BN034996.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4331 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.417	0.439	0.010	5.1287	40.0
1,4-Dioxane-d8	0.381	0.379	0.010	-0.4181	40.0
Naphthalene	1.001	0.980	0.600	-2.0457	30.0
1-Methylnaphthalene	0.750	0.717	0.300	-4.3687	30.0
2-Methylnaphthalene	0.747	0.707	0.300	-5.3569	30.0
Acenaphthylene	1.634	1.541	0.900	-5.7102	30.0
Acenaphthene	1.239	1.192	0.500	-3.7602	30.0
Fluorene	1.576	1.455	0.700	-7.6685	30.0
Pentachlorophenol	0.092	0.083	0.010	-10.2802	50.0
Phenanthrene	1.069	1.031	0.300	-3.5737	30.0
Anthracene	1.005	0.940	0.400	-6.3854	30.0
Fluoranthene	1.337	1.280	0.400	-4.2162	30.0
Pyrene	1.386	1.331	0.500	-3.983	30.0
Benzo (a) anthracene	1.449	1.331	0.400	-8.0993	30.0
Chrysene	1.478	1.379	0.400	-6.7165	30.0
Benzo (b) fluoranthene	1.406	1.338	0.200	-4.8783	30.0
Benzo (k) fluoranthene	1.472	1.366	0.200	-7.2231	30.0
Benzo (a) pyrene	1.257	1.187	0.200	-5.5261	30.0
Indeno (1,2,3-cd) pyrene	1.537	1.585	0.200	3.0992	30.0
Dibenzo (a,h) anthracene	1.197	1.243	0.200	3.7892	30.0
Benzo (g,h,i) perylene	1.174	1.259	0.200	7.2502	30.0
Fluoranthene-d10	1.027	1.011	0.400	-1.5899	30.0
2-Methylnaphthalene-d10	0.613	0.596	0.300	-2.693	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.: BN111124 SAS No.: BN111124 SDG No.: BN111124

Instrument ID: BNA_N Calibration Date/Time: 11/11/2024 : 17:37

Lab File ID: BN035009.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4332 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.417	0.356	0.010	-14.744	40.0
1,4-Dioxane-d8	0.381	0.315	0.010	-17.3209	40.0
Naphthalene	1.001	0.980	0.600	-2.1273	30.0
1-Methylnaphthalene	0.750	0.691	0.300	-7.9147	30.0
2-Methylnaphthalene	0.747	0.687	0.300	-8.0138	30.0
Acenaphthylene	1.634	1.547	0.900	-5.3376	30.0
Acenaphthene	1.239	1.182	0.500	-4.5681	30.0
Fluorene	1.576	1.359	0.700	-13.7873	30.0
Pentachlorophenol	0.092	0.089	0.010	-4.0379	50.0
Phenanthrene	1.069	1.025	0.300	-4.0778	30.0
Anthracene	1.005	0.965	0.400	-3.9557	30.0
Fluoranthene	1.337	1.309	0.400	-2.0619	30.0
Pyrene	1.386	1.370	0.500	-1.1838	30.0
Benzo (a) anthracene	1.449	1.385	0.400	-4.3809	30.0
Chrysene	1.478	1.353	0.400	-8.4671	30.0
Benzo (b) fluoranthene	1.406	1.236	0.200	-12.1155	30.0
Benzo (k) fluoranthene	1.472	1.309	0.200	-11.0791	30.0
Benzo (a) pyrene	1.257	1.193	0.200	-5.0493	30.0
Indeno (1,2,3-cd) pyrene	1.537	1.508	0.200	-1.8785	30.0
Dibenzo (a,h) anthracene	1.197	1.189	0.200	-0.7062	30.0
Benzo (g,h,i) perylene	1.174	1.172	0.200	-0.136	30.0
Fluoranthene-d10	1.027	1.053	0.400	2.5667	30.0
2-Methylnaphthalene-d10	0.613	0.585	0.300	-4.4561	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.: BN111124 SAS No.: BN111124 SDG No.: BN111124

Instrument ID: BNA_N Calibration Date/Time: 11/12/2024 : 04:26

Lab File ID: BN035026.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4333 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.417	0.361	0.010	-13.3545	40.0
1,4-Dioxane-d8	0.381	0.319	0.010	-16.0732	40.0
Naphthalene	1.001	0.979	0.600	-2.1531	30.0
1-Methylnaphthalene	0.750	0.680	0.300	-9.2968	30.0
2-Methylnaphthalene	0.747	0.681	0.300	-8.8777	30.0
Acenaphthylene	1.634	1.575	0.900	-3.5946	30.0
Acenaphthene	1.239	1.178	0.500	-4.9288	30.0
Fluorene	1.576	1.345	0.700	-14.6746	30.0
Pentachlorophenol	0.092	0.092	0.010	0.0157	50.0
Phenanthrene	1.069	1.027	0.300	-3.8814	30.0
Anthracene	1.005	0.966	0.400	-3.8374	30.0
Fluoranthene	1.337	1.309	0.400	-2.0422	30.0
Pyrene	1.386	1.359	0.500	-1.9367	30.0
Benzo (a) anthracene	1.449	1.375	0.400	-5.0729	30.0
Chrysene	1.478	1.362	0.400	-7.8805	30.0
Benzo (b) fluoranthene	1.406	1.255	0.200	-10.7419	30.0
Benzo (k) fluoranthene	1.472	1.271	0.200	-13.6648	30.0
Benzo (a) pyrene	1.257	1.199	0.200	-4.5781	30.0
Indeno (1,2,3-cd) pyrene	1.537	1.568	0.200	2.0145	30.0
Dibenzo (a,h) anthracene	1.197	1.225	0.200	2.2781	30.0
Benzo (g,h,i) perylene	1.174	1.220	0.200	3.8786	30.0
Fluoranthene-d10	1.027	1.044	0.400	1.6065	30.0
2-Methylnaphthalene-d10	0.613	0.573	0.300	-6.4821	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	SBLK722	SDG No.:	BN111124
Lab Sample ID:	PB164722BL	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
BN034997.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

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	4.949		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.341		30-130		85	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.32		20-140		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2848		7.562			
1146-65-2	Naphthalene-d8	7612		10.328			
15067-26-2	Acenaphthene-d10	6023		14.199			

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	SBLK722	SDG No.:	BN111124
Lab Sample ID:	PB164722BL	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
BN034997.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14838	16.945				
1719-03-5	Chrysene-d12	14058	21.142				
1520-96-3	Perylene-d12	12492	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	C0PI7	SDG No.:	BN111124
Lab Sample ID:	P4636-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.8
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
BN034998.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.3	ug/Kg
91-20-3	Naphthalene	0.4	U	0.4	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.93	U	0.93	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	0.51	U	0.51	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	0.43	U	0.43	0.9	3.6	ug/Kg
86-73-7	Fluorene	0.74	U	0.74	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	17		0.56	0.9	3.6	ug/Kg
120-12-7	Anthracene	0.76	J	0.57	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	32		0.74	0.9	3.6	ug/Kg
129-00-0	Pyrene	21		0.57	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	1.3	J	0.46	0.9	3.6	ug/Kg
218-01-9	Chrysene	8.2		0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	7		0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.4	J	0.43	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	1.6	J	0.39	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.7	J	0.94	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.97	U	0.97	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.1	J	1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.936		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.277		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.251		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2659		7.562			
1146-65-2	Naphthalene-d8	6643		10.328			
15067-26-2	Acenaphthene-d10	4667		14.199			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	C0PI7	SDG No.:	BN111124
Lab Sample ID:	P4636-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.8
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
BN034998.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10763	16.945				
1719-03-5	Chrysene-d12	9992	21.142				
1520-96-3	Perylene-d12	10184	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0P0	SDG No.:	BN111124
Lab Sample ID:	P4636-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034999.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.2	ug/Kg
91-20-3	Naphthalene	0.4	U	0.4	0.89	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	0.91	U	0.91	0.89	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.89	3.5	ug/Kg
208-96-8	Acenaphthylene	0.5	U	0.5	0.89	3.5	ug/Kg
83-32-9	Acenaphthene	0.42	U	0.42	0.89	3.5	ug/Kg
86-73-7	Fluorene	0.73	U	0.73	0.89	3.5	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.2	ug/Kg
85-01-8	Phenanthrene	0.55	U	0.55	0.89	3.5	ug/Kg
120-12-7	Anthracene	0.56	U	0.56	0.89	3.5	ug/Kg
206-44-0	Fluoranthene	0.86	J	0.73	0.89	3.5	ug/Kg
129-00-0	Pyrene	0.56	U	0.56	0.89	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	0.45	U	0.45	0.89	3.5	ug/Kg
218-01-9	Chrysene	0.72	J	0.45	0.89	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.23	U	0.23	0.89	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.42	U	0.42	0.89	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	0.89	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.92	U	0.92	0.89	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.96	U	0.96	0.89	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.89	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.425		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.253		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.225		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3519		7.566			
1146-65-2	Naphthalene-d8	8867		10.328			
15067-26-2	Acenaphthene-d10	6108		14.199			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0P0	SDG No.:	BN111124
Lab Sample ID:	P4636-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034999.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13349	16.945				
1719-03-5	Chrysene-d12	12570	21.142				
1520-96-3	Perylene-d12	12767	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0R1	SDG No.:	BN111124
Lab Sample ID:	P4636-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035000.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.6	ug/Kg
91-20-3	Naphthalene	0.47	U	0.47	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	U	1.1	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	0.44	U	0.44	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	0.6	U	0.6	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	0.5	U	0.5	1.1	4.2	ug/Kg
86-73-7	Fluorene	0.87	U	0.87	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.2	8.6	ug/Kg
85-01-8	Phenanthrene	1.9	J	0.65	1.1	4.2	ug/Kg
120-12-7	Anthracene	0.9	J	0.67	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	9.3		0.87	1.1	4.2	ug/Kg
129-00-0	Pyrene	8.7		0.67	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	6		0.54	1.1	4.2	ug/Kg
218-01-9	Chrysene	6.1		0.54	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	9.9		0.27	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	3	J	0.5	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	6.8		0.46	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4.2		1.1	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.4	J	1.1	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6		1.3	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.278		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.241		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.216		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3378		7.562			
1146-65-2	Naphthalene-d8	8575		10.328			
15067-26-2	Acenaphthene-d10	5691		14.199			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0R1	SDG No.:	BN111124
Lab Sample ID:	P4636-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035000.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11942	16.945				
1719-03-5	Chrysene-d12	10908	21.142				
1520-96-3	Perylene-d12	11077	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	GCP56	SDG No.:	BN111124
Lab Sample ID:	P4744-02	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
BN035001.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.09	J	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.863		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.426		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.357		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2937		7.562			
1146-65-2	Naphthalene-d8	7322		10.328			
15067-26-2	Acenaphthene-d10	5095		14.199			

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	GCP56	SDG No.:	BN111124
Lab Sample ID:	P4744-02	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
BN035001.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164771

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11488	16.945				
1719-03-5	Chrysene-d12	10473	21.142				
1520-96-3	Perylene-d12	10296	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0Q9	SDG No.:	BN111124
Lab Sample ID:	P4636-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035002.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	7	ug/Kg
91-20-3	Naphthalene	0.8	J	0.38	0.86	3.4	ug/Kg
90-12-0	1-Methylnaphthalene	0.88	U	0.88	0.86	3.4	ug/Kg
91-57-6	2-Methylnaphthalene	0.35	U	0.35	0.86	3.4	ug/Kg
208-96-8	Acenaphthylene	0.49	U	0.49	0.86	3.4	ug/Kg
83-32-9	Acenaphthene	0.41	U	0.41	0.86	3.4	ug/Kg
86-73-7	Fluorene	0.71	U	0.71	0.86	3.4	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.7	7	ug/Kg
85-01-8	Phenanthrene	3.4		0.53	0.86	3.4	ug/Kg
120-12-7	Anthracene	0.54	U	0.54	0.86	3.4	ug/Kg
206-44-0	Fluoranthene	5.2		0.71	0.86	3.4	ug/Kg
129-00-0	Pyrene	5.5		0.54	0.86	3.4	ug/Kg
56-55-3	Benzo(a)anthracene	2.7	J	0.44	0.86	3.4	ug/Kg
218-01-9	Chrysene	3.5		0.44	0.86	3.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	5.4		0.22	0.86	3.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.2	J	0.41	0.86	3.4	ug/Kg
50-32-8	Benzo(a)pyrene	3.6		0.37	0.86	3.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.6	J	0.89	0.86	3.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.92	U	0.92	0.86	3.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.4		1	0.86	3.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.511		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.271		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.237		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3013		7.562			
1146-65-2	Naphthalene-d8	7614		10.328			
15067-26-2	Acenaphthene-d10	5097		14.199			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0Q9	SDG No.:	BN111124
Lab Sample ID:	P4636-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035002.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11053	16.945				
1719-03-5	Chrysene-d12	9698	21.142				
1520-96-3	Perylene-d12	9960	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0P6	SDG No.:	BN111124
Lab Sample ID:	P4636-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035003.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.2	ug/Kg
91-20-3	Naphthalene	1.7	J	0.4	0.89	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	1.4	J	0.92	0.89	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	J	0.37	0.89	3.6	ug/Kg
208-96-8	Acenaphthylene	1.3	J	0.51	0.89	3.6	ug/Kg
83-32-9	Acenaphthene	0.42	U	0.42	0.89	3.6	ug/Kg
86-73-7	Fluorene	1.7	J	0.74	0.89	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.2	ug/Kg
85-01-8	Phenanthrene	31		0.55	0.89	3.6	ug/Kg
120-12-7	Anthracene	3.9		0.56	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	31		0.74	0.89	3.6	ug/Kg
129-00-0	Pyrene	30		0.56	0.89	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	7.6		0.45	0.89	3.6	ug/Kg
218-01-9	Chrysene	9.8		0.45	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.23	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	3	J	0.42	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	6.4		0.39	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4		0.93	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.3	J	0.96	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.1		1.1	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.375		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.262		30-130		65	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	3196		7.562			
1146-65-2	Naphthalene-d8	7911		10.328			
15067-26-2	Acenaphthene-d10	5356		14.198			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0P6	SDG No.:	BN111124
Lab Sample ID:	P4636-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.8
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
BN035003.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11863	16.945				
1719-03-5	Chrysene-d12	10576	21.142				
1520-96-3	Perylene-d12	10900	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	SBLK747	SDG No.:	BN111124
Lab Sample ID:	PB164747BL	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
BN035004.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164747

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	5.745		15-120		72	SPK: -8
93951-69-0	Fluoranthene-d10	0.413		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.376		20-140		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2621		7.566			
1146-65-2	Naphthalene-d8	6503		10.328			
15067-26-2	Acenaphthene-d10	4396		14.199			

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	SBLK747	SDG No.:	BN111124
Lab Sample ID:	PB164747BL	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
BN035004.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9624	16.945				
1719-03-5	Chrysene-d12	8636	21.142				
1520-96-3	Perylene-d12	8657	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	SLCS747	SDG No.:	BN111124
Lab Sample ID:	PB164747BS	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
BN035005.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	71		1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	17		0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	18		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	16		0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	16		0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	16		0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	14		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	32		1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	16		0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	16		0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	17		0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	17		0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	17		0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	16		0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	16		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	16		0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	17		0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	18		0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	18		0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	18		0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.828		15-120		103	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.54	*	30-130		135	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.517		20-140		129	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3101		7.562			
1146-65-2	Naphthalene-d8	7731		10.328			
15067-26-2	Acenaphthene-d10	5020		14.199			

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	SLCS747	SDG No.:	BN111124
Lab Sample ID:	PB164747BS	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
BN035005.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10784	16.945				
1719-03-5	Chrysene-d12	10049	21.142				
1520-96-3	Perylene-d12	10758	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0R6	SDG No.:	BN111124
Lab Sample ID:	P4637-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.5
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
BN035006.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.1	ug/Kg
91-20-3	Naphthalene	0.39	U	0.39	0.87	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	0.9	U	0.9	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	0.5	U	0.5	0.87	3.5	ug/Kg
83-32-9	Acenaphthene	0.41	U	0.41	0.87	3.5	ug/Kg
86-73-7	Fluorene	0.72	U	0.72	0.87	3.5	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.1	ug/Kg
85-01-8	Phenanthrene	0.54	U	0.54	0.87	3.5	ug/Kg
120-12-7	Anthracene	0.55	U	0.55	0.87	3.5	ug/Kg
206-44-0	Fluoranthene	0.72	U	0.72	0.87	3.5	ug/Kg
129-00-0	Pyrene	0.55	U	0.55	0.87	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	0.44	U	0.44	0.87	3.5	ug/Kg
218-01-9	Chrysene	0.44	U	0.44	0.87	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.22	U	0.22	0.87	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.41	U	0.41	0.87	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	0.38	U	0.38	0.87	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.91	U	0.91	0.87	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.94	U	0.94	0.87	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1	U	1	0.87	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.532		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.282		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.257		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2755		7.562			
1146-65-2	Naphthalene-d8	6917		10.328			
15067-26-2	Acenaphthene-d10	4689		14.199			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0R6	SDG No.:	BN111124
Lab Sample ID:	P4637-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.5
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
BN035006.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10136	16.945				
1719-03-5	Chrysene-d12	9388	21.142				
1520-96-3	Perylene-d12	9857	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0R0	SDG No.:	BN111124
Lab Sample ID:	P4636-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.9
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
BN035007.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.7	ug/Kg
91-20-3	Naphthalene	0.84	J	0.42	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.97	U	0.97	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.39	U	0.39	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	0.54	U	0.54	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	0.45	U	0.45	0.94	3.8	ug/Kg
86-73-7	Fluorene	0.78	U	0.78	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	1.3	J	0.58	0.94	3.8	ug/Kg
120-12-7	Anthracene	0.6	U	0.6	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	1.7	J	0.78	0.94	3.8	ug/Kg
129-00-0	Pyrene	1.5	J	0.6	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	1.3	J	0.48	0.94	3.8	ug/Kg
218-01-9	Chrysene	2.1	J	0.48	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.9	J	0.24	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.99	J	0.45	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.84	J	0.41	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1	J	0.98	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.994		15-120		25	SPK: -8
93951-69-0	Fluoranthene-d10	0.154		30-130		38	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.135		20-140		34	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3462		7.562			
1146-65-2	Naphthalene-d8	8676		10.328			
15067-26-2	Acenaphthene-d10	5761		14.199			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0R0	SDG No.:	BN111124
Lab Sample ID:	P4636-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.9
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
BN035007.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12174	16.945				
1719-03-5	Chrysene-d12	11716	21.142				
1520-96-3	Perylene-d12	12483	23.311				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0Q4	SDG No.:	BN111124
Lab Sample ID:	P4636-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035008.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.4	ug/Kg
91-20-3	Naphthalene	8.1		0.47	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	3.8	J	1.1	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	8.7		0.43	1	4.1	ug/Kg
208-96-8	Acenaphthylene	1.3	J	0.59	1	4.1	ug/Kg
83-32-9	Acenaphthene	1.5	J	0.49	1	4.1	ug/Kg
86-73-7	Fluorene	2.3	J	0.85	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	46		0.64	1	4.1	ug/Kg
120-12-7	Anthracene	9.4		0.65	1	4.1	ug/Kg
206-44-0	Fluoranthene	84	E	0.85	1	4.1	ug/Kg
129-00-0	Pyrene	47		0.65	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	34		0.53	1	4.1	ug/Kg
218-01-9	Chrysene	36		0.53	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	39		0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	13		0.49	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	11		0.45	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9		1.1	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.4		1.1	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.9	J	1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.182		15-120		15	SPK: -8
93951-69-0	Fluoranthene-d10	0.098	*	30-130		24	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.081		20-140		20	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2973		7.562			
1146-65-2	Naphthalene-d8	7656		10.328			
15067-26-2	Acenaphthene-d10	5094		14.199			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0Q4	SDG No.:	BN111124
Lab Sample ID:	P4636-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.7
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
BN035008.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10670	16.945				
1719-03-5	Chrysene-d12	10004	21.143				
1520-96-3	Perylene-d12	11649	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK729	SDG No.:	BN111124
Lab Sample ID:	PB164729BL	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
BN035010.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164729

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	5.664		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.37		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.336		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2883	7.562				
1146-65-2	Naphthalene-d8	7383	10.328				
15067-26-2	Acenaphthene-d10	5224	14.199				

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK729	SDG No.:	BN111124
Lab Sample ID:	PB164729BL	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
BN035010.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11292	16.945				
1719-03-5	Chrysene-d12	10417	21.142				
1520-96-3	Perylene-d12	10795	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0Q3	SDG No.:	BN111124
Lab Sample ID:	P4636-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035011.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6	U	1.6	0	10	ug/Kg
91-20-3	Naphthalene	2.9	J	0.55	1.2	4.9	ug/Kg
90-12-0	1-Methylnaphthalene	2.4	J	1.3	1.2	4.9	ug/Kg
91-57-6	2-Methylnaphthalene	2.8	J	0.51	1.2	4.9	ug/Kg
208-96-8	Acenaphthylene	1	J	0.7	1.2	4.9	ug/Kg
83-32-9	Acenaphthene	0.58	U	0.58	1.2	4.9	ug/Kg
86-73-7	Fluorene	2.1	J	1	1.2	4.9	ug/Kg
87-86-5	Pentachlorophenol	2.1	U	2.1	2.5	10	ug/Kg
85-01-8	Phenanthrene	23		0.76	1.2	4.9	ug/Kg
120-12-7	Anthracene	0.78	U	0.78	1.2	4.9	ug/Kg
206-44-0	Fluoranthene	7.5		1	1.2	4.9	ug/Kg
129-00-0	Pyrene	7.9		0.78	1.2	4.9	ug/Kg
56-55-3	Benzo(a)anthracene	2.9	J	0.63	1.2	4.9	ug/Kg
218-01-9	Chrysene	6.7		0.63	1.2	4.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	4.4	J	0.31	1.2	4.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.1	J	0.58	1.2	4.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.54	U	0.54	1.2	4.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	U	1.3	1.2	4.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	1.2	4.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.5	U	1.5	1.2	4.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.066	*	15-120		13	SPK: -8
93951-69-0	Fluoranthene-d10	0.117	*	30-130		29	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.079		20-140		20	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2593		7.562			
1146-65-2	Naphthalene-d8	6545		10.328			
15067-26-2	Acenaphthene-d10	4744		14.199			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0Q3	SDG No.:	BN111124
Lab Sample ID:	P4636-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	33.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035011.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10337	16.945				
1719-03-5	Chrysene-d12	10267	21.142				
1520-96-3	Perylene-d12	11720	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0P2	SDG No.:	BN111124
Lab Sample ID:	P4636-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4
Sample Wt/Vol:	30	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
BN035012.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	7	ug/Kg
91-20-3	Naphthalene	0.39	U	0.39	0.86	3.4	ug/Kg
90-12-0	1-Methylnaphthalene	0.89	U	0.89	0.86	3.4	ug/Kg
91-57-6	2-Methylnaphthalene	0.35	U	0.35	0.86	3.4	ug/Kg
208-96-8	Acenaphthylene	0.49	U	0.49	0.86	3.4	ug/Kg
83-32-9	Acenaphthene	0.41	U	0.41	0.86	3.4	ug/Kg
86-73-7	Fluorene	0.71	U	0.71	0.86	3.4	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.7	7	ug/Kg
85-01-8	Phenanthrene	1.4	J	0.53	0.86	3.4	ug/Kg
120-12-7	Anthracene	0.54	U	0.54	0.86	3.4	ug/Kg
206-44-0	Fluoranthene	2.9	J	0.71	0.86	3.4	ug/Kg
129-00-0	Pyrene	2.7	J	0.54	0.86	3.4	ug/Kg
56-55-3	Benzo(a)anthracene	2.2	J	0.44	0.86	3.4	ug/Kg
218-01-9	Chrysene	2.5	J	0.44	0.86	3.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	4.2		0.22	0.86	3.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.5	J	0.41	0.86	3.4	ug/Kg
50-32-8	Benzo(a)pyrene	2.8	J	0.38	0.86	3.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	J	0.9	0.86	3.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.93	U	0.93	0.86	3.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.5	J	1	0.86	3.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.94		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.248		30-130		62	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.228		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2894		7.562			
1146-65-2	Naphthalene-d8	7681		10.328			
15067-26-2	Acenaphthene-d10	5527		14.198			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0P2	SDG No.:	BN111124
Lab Sample ID:	P4636-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4
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
BN035012.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12573	16.945				
1719-03-5	Chrysene-d12	12422	21.142				
1520-96-3	Perylene-d12	12535	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0P4	SDG No.:	BN111124
Lab Sample ID:	P4636-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035013.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	7	ug/Kg
91-20-3	Naphthalene	0.39	U	0.39	0.86	3.4	ug/Kg
90-12-0	1-Methylnaphthalene	0.89	U	0.89	0.86	3.4	ug/Kg
91-57-6	2-Methylnaphthalene	0.35	U	0.35	0.86	3.4	ug/Kg
208-96-8	Acenaphthylene	0.49	U	0.49	0.86	3.4	ug/Kg
83-32-9	Acenaphthene	0.41	U	0.41	0.86	3.4	ug/Kg
86-73-7	Fluorene	0.71	U	0.71	0.86	3.4	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.7	7	ug/Kg
85-01-8	Phenanthrene	3.4		0.53	0.86	3.4	ug/Kg
120-12-7	Anthracene	1.2	J	0.54	0.86	3.4	ug/Kg
206-44-0	Fluoranthene	2.8	J	0.71	0.86	3.4	ug/Kg
129-00-0	Pyrene	2	J	0.54	0.86	3.4	ug/Kg
56-55-3	Benzo(a)anthracene	0.73	J	0.44	0.86	3.4	ug/Kg
218-01-9	Chrysene	1.3	J	0.44	0.86	3.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.9	J	0.22	0.86	3.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.41	U	0.41	0.86	3.4	ug/Kg
50-32-8	Benzo(a)pyrene	0.38	U	0.38	0.86	3.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.9	U	0.9	0.86	3.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.93	U	0.93	0.86	3.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1	U	1	0.86	3.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.04		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.252		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.222		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2914		7.562			
1146-65-2	Naphthalene-d8	7635		10.328			
15067-26-2	Acenaphthene-d10	5369		14.199			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0P4	SDG No.:	BN111124
Lab Sample ID:	P4636-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4.5
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
BN035013.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11943	16.945				
1719-03-5	Chrysene-d12	11581	21.142				
1520-96-3	Perylene-d12	12033	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0Q2	SDG No.:	BN111124
Lab Sample ID:	P4636-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035014.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.8	ug/Kg
91-20-3	Naphthalene	0.43	U	0.43	0.96	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.99	U	0.99	0.96	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.4	U	0.4	0.96	3.9	ug/Kg
208-96-8	Acenaphthylene	0.55	U	0.55	0.96	3.9	ug/Kg
83-32-9	Acenaphthene	0.46	U	0.46	0.96	3.9	ug/Kg
86-73-7	Fluorene	0.8	U	0.8	0.96	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	2	7.8	ug/Kg
85-01-8	Phenanthrene	0.6	U	0.6	0.96	3.9	ug/Kg
120-12-7	Anthracene	0.61	U	0.61	0.96	3.9	ug/Kg
206-44-0	Fluoranthene	1.1	J	0.8	0.96	3.9	ug/Kg
129-00-0	Pyrene	1.4	J	0.61	0.96	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	0.86	J	0.49	0.96	3.9	ug/Kg
218-01-9	Chrysene	1.3	J	0.49	0.96	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.9	J	0.25	0.96	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.82	J	0.46	0.96	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.42	U	0.42	0.96	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	0.96	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.96	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.96	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.124		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.239		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.215		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2918		7.562			
1146-65-2	Naphthalene-d8	7605		10.328			
15067-26-2	Acenaphthene-d10	5412		14.198			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0Q2	SDG No.:	BN111124
Lab Sample ID:	P4636-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.5
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
BN035014.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12192	16.945				
1719-03-5	Chrysene-d12	11649	21.142				
1520-96-3	Perylene-d12	12564	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0P8	SDG No.:	BN111124
Lab Sample ID:	P4636-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.1
Sample Wt/Vol:	30	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
BN035015.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.6	ug/Kg
91-20-3	Naphthalene	0.42	U	0.42	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.97	U	0.97	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.39	U	0.39	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	0.53	U	0.53	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	0.44	U	0.44	0.94	3.8	ug/Kg
86-73-7	Fluorene	0.77	U	0.77	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	1.1	J	0.58	0.94	3.8	ug/Kg
120-12-7	Anthracene	0.59	U	0.59	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	3.6	J	0.77	0.94	3.8	ug/Kg
129-00-0	Pyrene	3.5	J	0.59	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	2.4	J	0.48	0.94	3.8	ug/Kg
218-01-9	Chrysene	3.1	J	0.48	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	3.6	J	0.24	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.4	J	0.44	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	1.2	J	0.41	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.2	J	0.98	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.991	*	15-120		12	SPK: -8
93951-69-0	Fluoranthene-d10	0.08	*	30-130		20	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.07	*	20-140		17	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3639		7.562			
1146-65-2	Naphthalene-d8	9232		10.328			
15067-26-2	Acenaphthene-d10	6012		14.199			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0P8	SDG No.:	BN111124
Lab Sample ID:	P4636-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035015.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12424	16.945				
1719-03-5	Chrysene-d12	11724	21.143				
1520-96-3	Perylene-d12	13207	23.306				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AF2	SDG No.:	BN111124
Lab Sample ID:	P4717-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035016.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164741

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.984		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.499		30-130		125	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.351		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3240		7.562			
1146-65-2	Naphthalene-d8	8459		10.328			
15067-26-2	Acenaphthene-d10	5640		14.199			

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AF2	SDG No.:	BN111124
Lab Sample ID:	P4717-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035016.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164741

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11477	16.945				
1719-03-5	Chrysene-d12	9978	21.14				
1520-96-3	Perylene-d12	10144	23.306				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AF3	SDG No.:	BN111124
Lab Sample ID:	P4717-10	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
BN035017.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164741

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	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	4.378		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.515		30-130		129	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.371		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3428		7.562			
1146-65-2	Naphthalene-d8	8806		10.328			
15067-26-2	Acenaphthene-d10	5859		14.198			

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AF3	SDG No.:	BN111124
Lab Sample ID:	P4717-10	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
BN035017.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164741

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11460	16.945				
1719-03-5	Chrysene-d12	9528	21.142				
1520-96-3	Perylene-d12	10164	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0Q0	SDG No.:	BN111124
Lab Sample ID:	P4636-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035018.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.4	ug/Kg
91-20-3	Naphthalene	5		0.41	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	2.8	J	0.94	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	3.2	J	0.38	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	1.6	J	0.52	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.43	U	0.43	0.92	3.7	ug/Kg
86-73-7	Fluorene	1.2	J	0.75	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.4	ug/Kg
85-01-8	Phenanthrene	42		0.57	0.92	3.7	ug/Kg
120-12-7	Anthracene	1.6	J	0.58	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	31		0.75	0.92	3.7	ug/Kg
129-00-0	Pyrene	19		0.58	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	4.6		0.47	0.92	3.7	ug/Kg
218-01-9	Chrysene	14		0.47	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	14		0.23	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.7		0.43	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	3.3	J	0.4	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4		0.95	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.1	J	0.99	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.519		15-120		19	SPK: -8
93951-69-0	Fluoranthene-d10	0.134		30-130		34	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.113		20-140		28	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3211		7.562			
1146-65-2	Naphthalene-d8	8049		10.328			
15067-26-2	Acenaphthene-d10	5274		14.199			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	CC0Q0	SDG No.:	BN111124
Lab Sample ID:	P4636-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035018.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10852	16.945				
1719-03-5	Chrysene-d12	10161	21.14				
1520-96-3	Perylene-d12	12077	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0Q5	SDG No.:	BN111124
Lab Sample ID:	P4636-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035019.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.6	ug/Kg
91-20-3	Naphthalene	1.9	J	0.48	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	U	1.1	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	0.86	J	0.44	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	0.61	U	0.61	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	0.5	U	0.5	1.1	4.2	ug/Kg
86-73-7	Fluorene	0.88	U	0.88	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.2	8.6	ug/Kg
85-01-8	Phenanthrene	2.9	J	0.66	1.1	4.2	ug/Kg
120-12-7	Anthracene	0.67	U	0.67	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	1.6	J	0.88	1.1	4.2	ug/Kg
129-00-0	Pyrene	1.8	J	0.67	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	1	J	0.54	1.1	4.2	ug/Kg
218-01-9	Chrysene	2.5	J	0.54	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.7	J	0.27	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.5	U	0.5	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	0.46	U	0.46	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.2	J	1.1	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	J	1.1	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.3	U	1.3	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.079	*	15-120		13	SPK: -8
93951-69-0	Fluoranthene-d10	0.095	*	30-130		24	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.079		20-140		20	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3146		7.562			
1146-65-2	Naphthalene-d8	7967		10.328			
15067-26-2	Acenaphthene-d10	5222		14.198			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0Q5	SDG No.:	BN111124
Lab Sample ID:	P4636-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035019.D	1	11/6/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10903	16.945				
1719-03-5	Chrysene-d12	10102	21.142				
1520-96-3	Perylene-d12	11818	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0Q7	SDG No.:	BN111124
Lab Sample ID:	P4636-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035020.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	7.9	ug/Kg
91-20-3	Naphthalene	3.2	J	0.43	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.98	J	0.4	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	0.55	U	0.55	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	0.46	U	0.46	0.97	3.9	ug/Kg
86-73-7	Fluorene	0.8	U	0.8	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	2	7.9	ug/Kg
85-01-8	Phenanthrene	4.1		0.6	0.97	3.9	ug/Kg
120-12-7	Anthracene	0.61	U	0.61	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	2.6	J	0.8	0.97	3.9	ug/Kg
129-00-0	Pyrene	2.4	J	0.61	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	1.7	J	0.49	0.97	3.9	ug/Kg
218-01-9	Chrysene	3.5	J	0.49	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	3	J	0.25	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.46	U	0.46	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.42	U	0.42	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.437		15-120		18	SPK: -8
93951-69-0	Fluoranthene-d10	0.121		30-130		30	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.1		20-140		25	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3104		7.562			
1146-65-2	Naphthalene-d8	7958		10.328			
15067-26-2	Acenaphthene-d10	5250		14.199			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0Q7	SDG No.:	BN111124
Lab Sample ID:	P4636-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15
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
BN035020.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10978	16.945				
1719-03-5	Chrysene-d12	10106	21.142				
1520-96-3	Perylene-d12	11881	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0R8	SDG No.:	BN111124
Lab Sample ID:	P4636-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.4
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
BN035021.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.3	ug/Kg
91-20-3	Naphthalene	0.4	U	0.4	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.92	U	0.92	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	0.51	U	0.51	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	0.42	U	0.42	0.9	3.6	ug/Kg
86-73-7	Fluorene	0.74	U	0.74	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	0.55	U	0.55	0.9	3.6	ug/Kg
120-12-7	Anthracene	0.57	U	0.57	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	0.74	U	0.74	0.9	3.6	ug/Kg
129-00-0	Pyrene	0.57	U	0.57	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.46	U	0.46	0.9	3.6	ug/Kg
218-01-9	Chrysene	0.46	U	0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.23	U	0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.42	U	0.42	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.94	U	0.94	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.97	U	0.97	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.68		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.279		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.269		20-140		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2942		7.562			
1146-65-2	Naphthalene-d8	7354		10.328			
15067-26-2	Acenaphthene-d10	4886		14.199			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0R8	SDG No.:	BN111124
Lab Sample ID:	P4636-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.4
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
BN035021.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10721	16.945				
1719-03-5	Chrysene-d12	10797	21.142				
1520-96-3	Perylene-d12	11581	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0R2	SDG No.:	BN111124
Lab Sample ID:	P4636-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	26.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035022.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	9	ug/Kg
91-20-3	Naphthalene	0.5	U	0.5	1.1	4.5	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	U	1.1	1.1	4.5	ug/Kg
91-57-6	2-Methylnaphthalene	0.46	U	0.46	1.1	4.5	ug/Kg
208-96-8	Acenaphthylene	0.63	U	0.63	1.1	4.5	ug/Kg
83-32-9	Acenaphthene	0.53	U	0.53	1.1	4.5	ug/Kg
86-73-7	Fluorene	0.92	U	0.92	1.1	4.5	ug/Kg
87-86-5	Pentachlorophenol	2.3	J	1.9	2.3	9	ug/Kg
85-01-8	Phenanthrene	0.69	U	0.69	1.1	4.5	ug/Kg
120-12-7	Anthracene	0.7	U	0.7	1.1	4.5	ug/Kg
206-44-0	Fluoranthene	1.6	J	0.92	1.1	4.5	ug/Kg
129-00-0	Pyrene	1.6	J	0.7	1.1	4.5	ug/Kg
56-55-3	Benzo(a)anthracene	0.99	J	0.57	1.1	4.5	ug/Kg
218-01-9	Chrysene	1.1	J	0.57	1.1	4.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.4	J	0.28	1.1	4.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.3	J	0.53	1.1	4.5	ug/Kg
50-32-8	Benzo(a)pyrene	0.49	U	0.49	1.1	4.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.2	U	1.2	1.1	4.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	1.1	4.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.3	U	1.3	1.1	4.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.267		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.283		30-130		71	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.258		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2897		7.566			
1146-65-2	Naphthalene-d8	7207		10.328			
15067-26-2	Acenaphthene-d10	4940		14.198			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0R2	SDG No.:	BN111124
Lab Sample ID:	P4636-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	26.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035022.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10911	16.945				
1719-03-5	Chrysene-d12	10522	21.142				
1520-96-3	Perylene-d12	11249	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AF0	SDG No.:	BN111124
Lab Sample ID:	P4717-07	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
BN035023.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164741

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.16	J	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.011	U	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.236		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.445		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.314		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3199		7.562			
1146-65-2	Naphthalene-d8	7655		10.328			
15067-26-2	Acenaphthene-d10	5137		14.199			

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AF0	SDG No.:	BN111124
Lab Sample ID:	P4717-07	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
BN035023.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164741

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11093	16.945				
1719-03-5	Chrysene-d12	10695	21.142				
1520-96-3	Perylene-d12	11123	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AF1	SDG No.:	BN111124
Lab Sample ID:	P4717-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035024.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164741

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.362		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.477		30-130		119	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.333		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3214		7.562			
1146-65-2	Naphthalene-d8	8094		10.328			
15067-26-2	Acenaphthene-d10	5245		14.199			

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AF1	SDG No.:	BN111124
Lab Sample ID:	P4717-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035024.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164741

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10611	16.945				
1719-03-5	Chrysene-d12	9569	21.142				
1520-96-3	Perylene-d12	10036	23.308				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	SLCS722	SDG No.:	BN111124
Lab Sample ID:	PB164722BS	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
BN035025.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	43		1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	11		0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	10		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	10		0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	11		0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	10		0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	9.4		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	24		1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	11		0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	11		0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	11		0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	11		0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.42	0.83	3.3	ug/Kg
218-01-9	Chrysene	11		0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	10		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	10		0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	11		0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12		0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12		0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.549		15-120		69	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.375		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.348		20-140		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3573	7.562				
1146-65-2	Naphthalene-d8	8789	10.328				
15067-26-2	Acenaphthene-d10	5547	14.199				

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	SLCS722	SDG No.:	BN111124
Lab Sample ID:	PB164722BS	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
BN035025.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11583	16.945				
1719-03-5	Chrysene-d12	10891	21.142				
1520-96-3	Perylene-d12	12412	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK731	SDG No.:	BN111124
Lab Sample ID:	PB164731BL	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
BN035027.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164731

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	0.11		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	5.299		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.382		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.351		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3534		7.562			
1146-65-2	Naphthalene-d8	8666		10.328			
15067-26-2	Acenaphthene-d10	5644		14.199			

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK731	SDG No.:	BN111124
Lab Sample ID:	PB164731BL	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
BN035027.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164731

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11795	16.945				
1719-03-5	Chrysene-d12	10610	21.14				
1520-96-3	Perylene-d12	11413	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AE2	SDG No.:	BN111124
Lab Sample ID:	P4668-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035028.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164729

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	0.04	J	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.487		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.486		30-130		122	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.345		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3910		7.562			
1146-65-2	Naphthalene-d8	10256		10.328			
15067-26-2	Acenaphthene-d10	7554		14.199			

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AE2	SDG No.:	BN111124
Lab Sample ID:	P4668-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035028.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15651	16.945				
1719-03-5	Chrysene-d12	10466	21.139				
1520-96-3	Perylene-d12	10427	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE7	SDG No.:	BN111124
Lab Sample ID:	P4717-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035029.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.01	U	0.01	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.04	U	0.04	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0	U	0	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.01	U	0.01	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.587		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.56	*	30-130		140	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.371		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2932		7.562			
1146-65-2	Naphthalene-d8	7126		10.322			
15067-26-2	Acenaphthene-d10	4927		14.199			

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	C0AE7	SDG No.:	BN111124
Lab Sample ID:	P4717-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035029.D	1	11/6/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10984	16.945				
1719-03-5	Chrysene-d12	10148	21.139				
1520-96-3	Perylene-d12	10515	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG0	SDG No.:	BN111124
Lab Sample ID:	P4714-05	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
BN035030.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164731

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	4.115		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.452		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.318		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3556		7.562			
1146-65-2	Naphthalene-d8	8651		10.328			
15067-26-2	Acenaphthene-d10	5902		14.199			

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG0	SDG No.:	BN111124
Lab Sample ID:	P4714-05	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
BN035030.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164731

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12770	16.945				
1719-03-5	Chrysene-d12	11874	21.142				
1520-96-3	Perylene-d12	12318	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF5	SDG No.:	BN111124
Lab Sample ID:	P4714-03	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
BN035031.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164729

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	130	E	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	16	E	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	6.7	E	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.18		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	8.8	E	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	2.6	E	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.16		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.09	J	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	4.33		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.446		30-130		112	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.324		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3383		7.562			
1146-65-2	Naphthalene-d8	8712		10.328			
15067-26-2	Acenaphthene-d10	7203		14.198			

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF5	SDG No.:	BN111124
Lab Sample ID:	P4714-03	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
BN035031.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14849	16.945				
1719-03-5	Chrysene-d12	13658	21.139				
1520-96-3	Perylene-d12	13773	23.305				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG2	SDG No.:	BN111124
Lab Sample ID:	P4714-06	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
BN035032.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164731

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	0.07	J	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.03	J	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.03	J	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.03	J	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	0.03	J	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.03	J	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	J	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	J	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	0.04	J	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	J	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	J	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.086		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.507		30-130		127	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.345		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3170		7.562			
1146-65-2	Naphthalene-d8	8147		10.323			
15067-26-2	Acenaphthene-d10	5788		14.199			

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG2	SDG No.:	BN111124
Lab Sample ID:	P4714-06	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
BN035032.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164731

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13179	16.945				
1719-03-5	Chrysene-d12	12618	21.14				
1520-96-3	Perylene-d12	13266	23.306				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BN111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0PI7								
P4636-01	C0PI7	Solid	Total Alkanes	*	0.000	1.2	7.3	ug/Kg
			Total Tics :			0.00		
P4636-01	C0PI7	Solid	Anthracene		0.760 J	0.57	3.6	ug/Kg
P4636-01	C0PI7	Solid	Benzo(a)anthracene		1.300 J	0.46	3.6	ug/Kg
P4636-01	C0PI7	Solid	Benzo(a)pyrene		1.600 J	0.39	3.6	ug/Kg
P4636-01	C0PI7	Solid	Benzo(b)fluoranthene		7.000	0.23	3.6	ug/Kg
P4636-01	C0PI7	Solid	Benzo(g,h,i)perylene		2.100 J	1.1	3.6	ug/Kg
P4636-01	C0PI7	Solid	Benzo(k)fluoranthene		2.400 J	0.43	3.6	ug/Kg
P4636-01	C0PI7	Solid	Chrysene		8.200	0.46	3.6	ug/Kg
P4636-01	C0PI7	Solid	Fluoranthene		32.000	0.74	3.6	ug/Kg
P4636-01	C0PI7	Solid	Indeno(1,2,3-cd)pyrene		1.700 J	0.94	3.6	ug/Kg
P4636-01	C0PI7	Solid	Phenanthrene		17.000	0.56	3.6	ug/Kg
P4636-01	C0PI7	Solid	Pyrene		21.000	0.57	3.6	ug/Kg
			Total Svoc :			95.06		
			Total Concentration:			95.06		
Client ID : CC0P0								
P4636-02	CC0P0	Solid	Total Alkanes	*	0.000	1.2	7.2	ug/Kg
			Total Tics :			0.00		
P4636-02	CC0P0	Solid	Chrysene		0.720 J	0.45	3.5	ug/Kg
P4636-02	CC0P0	Solid	Fluoranthene		0.860 J	0.73	3.5	ug/Kg
			Total Svoc :			1.58		
			Total Concentration:			1.58		
Client ID : CC0P2								
P4636-05	CC0P2	Solid	Total Alkanes	*	0.000	1.1	7	ug/Kg
			Total Tics :			0.00		
P4636-05	CC0P2	Solid	Benzo(a)anthracene		2.200 J	0.44	3.4	ug/Kg
P4636-05	CC0P2	Solid	Benzo(a)pyrene		2.800 J	0.38	3.4	ug/Kg
P4636-05	CC0P2	Solid	Benzo(b)fluoranthene		4.200	0.22	3.4	ug/Kg
P4636-05	CC0P2	Solid	Benzo(g,h,i)perylene		2.500 J	1	3.4	ug/Kg
P4636-05	CC0P2	Solid	Benzo(k)fluoranthene		1.500 J	0.41	3.4	ug/Kg
P4636-05	CC0P2	Solid	Chrysene		2.500 J	0.44	3.4	ug/Kg
P4636-05	CC0P2	Solid	Fluoranthene		2.900 J	0.71	3.4	ug/Kg
P4636-05	CC0P2	Solid	Indeno(1,2,3-cd)pyrene		1.900 J	0.9	3.4	ug/Kg
P4636-05	CC0P2	Solid	Phenanthrene		1.400 J	0.53	3.4	ug/Kg
P4636-05	CC0P2	Solid	Pyrene		2.700 J	0.54	3.4	ug/Kg
			Total Svoc :			24.60		

Hit Summary Sheet SW-846

SDG No.: BN111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				24.60				
Client ID :	CC0P4							
P4636-06	CC0P4	Solid	Total Alkanes	*	0.000	1.1	7	ug/Kg
Total Tics :				0.00				
P4636-06	CC0P4	Solid	Anthracene		1.200	J 0.54	3.4	ug/Kg
P4636-06	CC0P4	Solid	Benzo(a)anthracene		0.730	J 0.44	3.4	ug/Kg
P4636-06	CC0P4	Solid	Benzo(b)fluoranthene		0.900	J 0.22	3.4	ug/Kg
P4636-06	CC0P4	Solid	Chrysene		1.300	J 0.44	3.4	ug/Kg
P4636-06	CC0P4	Solid	Fluoranthene		2.800	J 0.71	3.4	ug/Kg
P4636-06	CC0P4	Solid	Phenanthrene		3.400	0.53	3.4	ug/Kg
P4636-06	CC0P4	Solid	Pyrene		2.000	J 0.54	3.4	ug/Kg
Total Svoc :				12.33				
Total Concentration:				12.33				
Client ID :	CC0P6							
P4636-07	CC0P6	Solid	Total Alkanes	*	0.000	1.2	7.2	ug/Kg
Total Tics :				0.00				
P4636-07	CC0P6	Solid	1-Methylnaphthalene		1.400	J 0.92	3.6	ug/Kg
P4636-07	CC0P6	Solid	2-Methylnaphthalene		1.100	J 0.37	3.6	ug/Kg
P4636-07	CC0P6	Solid	Acenaphthylene		1.300	J 0.51	3.6	ug/Kg
P4636-07	CC0P6	Solid	Anthracene		3.900	0.56	3.6	ug/Kg
P4636-07	CC0P6	Solid	Benzo(a)anthracene		7.600	0.45	3.6	ug/Kg
P4636-07	CC0P6	Solid	Benzo(a)pyrene		6.400	0.39	3.6	ug/Kg
P4636-07	CC0P6	Solid	Benzo(b)fluoranthene		11.000	0.23	3.6	ug/Kg
P4636-07	CC0P6	Solid	Benzo(g,h,i)perylene		6.100	1.1	3.6	ug/Kg
P4636-07	CC0P6	Solid	Benzo(k)fluoranthene		3.000	J 0.42	3.6	ug/Kg
P4636-07	CC0P6	Solid	Chrysene		9.800	0.45	3.6	ug/Kg
P4636-07	CC0P6	Solid	Dibenzo(a,h)anthracene		1.300	J 0.96	3.6	ug/Kg
P4636-07	CC0P6	Solid	Fluoranthene		31.000	0.74	3.6	ug/Kg
P4636-07	CC0P6	Solid	Fluorene		1.700	J 0.74	3.6	ug/Kg
P4636-07	CC0P6	Solid	Indeno(1,2,3-cd)pyrene		4.000	0.93	3.6	ug/Kg
P4636-07	CC0P6	Solid	Naphthalene		1.700	J 0.4	3.6	ug/Kg
P4636-07	CC0P6	Solid	Phenanthrene		31.000	0.55	3.6	ug/Kg
P4636-07	CC0P6	Solid	Pyrene		30.000	0.56	3.6	ug/Kg
Total Svoc :				152.30				
Total Concentration:				152.30				
Client ID :	CC0P8							
P4636-08	CC0P8	Solid	Total Alkanes	*	0.000	1.3	7.6	ug/Kg
Total Tics :				0.00				
P4636-08	CC0P8	Solid	Benzo(a)anthracene		2.400	J 0.48	3.8	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4636-08	CC0P8	Solid	Benzo(a)pyrene	1.200	J	0.41	3.8	ug/Kg
P4636-08	CC0P8	Solid	Benzo(b)fluoranthene	3.600	J	0.24	3.8	ug/Kg
P4636-08	CC0P8	Solid	Benzo(k)fluoranthene	1.400	J	0.44	3.8	ug/Kg
P4636-08	CC0P8	Solid	Chrysene	3.100	J	0.48	3.8	ug/Kg
P4636-08	CC0P8	Solid	Fluoranthene	3.600	J	0.77	3.8	ug/Kg
P4636-08	CC0P8	Solid	Indeno(1,2,3-cd)pyrene	1.200	J	0.98	3.8	ug/Kg
P4636-08	CC0P8	Solid	Phenanthrene	1.100	J	0.58	3.8	ug/Kg
P4636-08	CC0P8	Solid	Pyrene	3.500	J	0.59	3.8	ug/Kg

Total Svoc :

21.10

Total Concentration:

21.10

Client ID : CC0Q0

P4636-09	CC0Q0	Solid	Total Alkanes	*	0.000	1.2	7.4	ug/Kg
----------	-------	-------	---------------	---	-------	-----	-----	-------

Total Tics :

0.00

P4636-09	CC0Q0	Solid	1-Methylnaphthalene		2.800	J	0.94	3.7	ug/Kg
P4636-09	CC0Q0	Solid	2-Methylnaphthalene		3.200	J	0.38	3.7	ug/Kg
P4636-09	CC0Q0	Solid	Acenaphthylene		1.600	J	0.52	3.7	ug/Kg
P4636-09	CC0Q0	Solid	Anthracene		1.600	J	0.58	3.7	ug/Kg
P4636-09	CC0Q0	Solid	Benzo(a)anthracene		4.600		0.47	3.7	ug/Kg
P4636-09	CC0Q0	Solid	Benzo(a)pyrene		3.300	J	0.4	3.7	ug/Kg
P4636-09	CC0Q0	Solid	Benzo(b)fluoranthene		14.000		0.23	3.7	ug/Kg
P4636-09	CC0Q0	Solid	Benzo(k)fluoranthene		4.700		0.43	3.7	ug/Kg
P4636-09	CC0Q0	Solid	Chrysene		14.000		0.47	3.7	ug/Kg
P4636-09	CC0Q0	Solid	Dibenzo(a,h)anthracene		2.100	J	0.99	3.7	ug/Kg
P4636-09	CC0Q0	Solid	Fluoranthene		31.000		0.75	3.7	ug/Kg
P4636-09	CC0Q0	Solid	Fluorene		1.200	J	0.75	3.7	ug/Kg
P4636-09	CC0Q0	Solid	Indeno(1,2,3-cd)pyrene		4.000		0.95	3.7	ug/Kg
P4636-09	CC0Q0	Solid	Naphthalene		5.000		0.41	3.7	ug/Kg
P4636-09	CC0Q0	Solid	Phenanthrene		42.000		0.57	3.7	ug/Kg
P4636-09	CC0Q0	Solid	Pyrene		19.000		0.58	3.7	ug/Kg

Total Svoc :

154.10

Total Concentration:

154.10

Client ID : CC0Q2

P4636-10	CC0Q2	Solid	Total Alkanes	*	0.000	1.3	7.8	ug/Kg
----------	-------	-------	---------------	---	-------	-----	-----	-------

Total Tics :

0.00

P4636-10	CC0Q2	Solid	Benzo(a)anthracene		0.860	J	0.49	3.9	ug/Kg
P4636-10	CC0Q2	Solid	Benzo(b)fluoranthene		1.900	J	0.25	3.9	ug/Kg
P4636-10	CC0Q2	Solid	Benzo(k)fluoranthene		0.820	J	0.46	3.9	ug/Kg
P4636-10	CC0Q2	Solid	Chrysene		1.300	J	0.49	3.9	ug/Kg
P4636-10	CC0Q2	Solid	Fluoranthene		1.100	J	0.8	3.9	ug/Kg
P4636-10	CC0Q2	Solid	Pyrene		1.400	J	0.61	3.9	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	7.38				
			Total Concentration:	7.38				
Client ID : CC0Q3								
P4636-11	CC0Q3	Solid	Total Alkanes	*	0.000	1.6	10	ug/Kg
			Total Tics :	0.00				
P4636-11	CC0Q3	Solid	1-Methylnaphthalene		2.400	J 1.3	4.9	ug/Kg
P4636-11	CC0Q3	Solid	2-Methylnaphthalene		2.800	J 0.51	4.9	ug/Kg
P4636-11	CC0Q3	Solid	Acenaphthylene		1.000	J 0.7	4.9	ug/Kg
P4636-11	CC0Q3	Solid	Benzo(a)anthracene		2.900	J 0.63	4.9	ug/Kg
P4636-11	CC0Q3	Solid	Benzo(b)fluoranthene		4.400	J 0.31	4.9	ug/Kg
P4636-11	CC0Q3	Solid	Benzo(k)fluoranthene		1.100	J 0.58	4.9	ug/Kg
P4636-11	CC0Q3	Solid	Chrysene		6.700	0.63	4.9	ug/Kg
P4636-11	CC0Q3	Solid	Fluoranthene		7.500	1	4.9	ug/Kg
P4636-11	CC0Q3	Solid	Fluorene		2.100	J 1	4.9	ug/Kg
P4636-11	CC0Q3	Solid	Naphthalene		2.900	J 0.55	4.9	ug/Kg
P4636-11	CC0Q3	Solid	Phenanthrene		23.000	0.76	4.9	ug/Kg
P4636-11	CC0Q3	Solid	Pyrene		7.900	0.78	4.9	ug/Kg
			Total Svoc :	64.70				
			Total Concentration:	64.70				
Client ID : CC0Q4								
P4636-12	CC0Q4	Solid	Total Alkanes	*	0.000	1.4	8.4	ug/Kg
			Total Tics :	0.00				
P4636-12	CC0Q4	Solid	1-Methylnaphthalene		3.800	J 1.1	4.1	ug/Kg
P4636-12	CC0Q4	Solid	2-Methylnaphthalene		8.700	0.43	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Acenaphthene		1.500	J 0.49	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Acenaphthylene		1.300	J 0.59	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Anthracene		9.400	0.65	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Benzo(a)anthracene		34.000	0.53	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Benzo(a)pyrene		11.000	0.45	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Benzo(b)fluoranthene		39.000	0.26	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Benzo(g,h,i)perylene		1.900	J 1.2	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Benzo(k)fluoranthene		13.000	0.49	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Chrysene		36.000	0.53	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Dibenzo(a,h)anthracene		5.400	1.1	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Fluoranthene		84.000	E 0.85	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Fluorene		2.300	J 0.85	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Indeno(1,2,3-cd)pyrene		9.000	1.1	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Naphthalene		8.100	0.47	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Phenanthrene		46.000	0.64	4.1	ug/Kg
P4636-12	CC0Q4	Solid	Pyrene		47.000	0.65	4.1	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	361.40				
			Total Concentration:	361.40				
Client ID : CC0Q5								
P4636-13	CC0Q5	Solid	Total Alkanes	*	0.000	1.4	8.6	ug/Kg
			Total Tics :	0.00				
P4636-13	CC0Q5	Solid	2-Methylnaphthalene		0.860	J 0.44	4.2	ug/Kg
P4636-13	CC0Q5	Solid	Benzo(a)anthracene		1.000	J 0.54	4.2	ug/Kg
P4636-13	CC0Q5	Solid	Benzo(b)fluoranthene		2.700	J 0.27	4.2	ug/Kg
P4636-13	CC0Q5	Solid	Chrysene		2.500	J 0.54	4.2	ug/Kg
P4636-13	CC0Q5	Solid	Dibenzo(a,h)anthracene		1.100	J 1.1	4.2	ug/Kg
P4636-13	CC0Q5	Solid	Fluoranthene		1.600	J 0.88	4.2	ug/Kg
P4636-13	CC0Q5	Solid	Indeno(1,2,3-cd)pyrene		1.200	J 1.1	4.2	ug/Kg
P4636-13	CC0Q5	Solid	Naphthalene		1.900	J 0.48	4.2	ug/Kg
P4636-13	CC0Q5	Solid	Phenanthrene		2.900	J 0.66	4.2	ug/Kg
P4636-13	CC0Q5	Solid	Pyrene		1.800	J 0.67	4.2	ug/Kg
			Total Svoc :	17.56				
			Total Concentration:	17.56				
Client ID : CC0Q7								
P4636-14	CC0Q7	Solid	Total Alkanes	*	0.000	1.3	7.9	ug/Kg
			Total Tics :	0.00				
P4636-14	CC0Q7	Solid	2-Methylnaphthalene		0.980	J 0.4	3.9	ug/Kg
P4636-14	CC0Q7	Solid	Benzo(a)anthracene		1.700	J 0.49	3.9	ug/Kg
P4636-14	CC0Q7	Solid	Benzo(b)fluoranthene		3.000	J 0.25	3.9	ug/Kg
P4636-14	CC0Q7	Solid	Chrysene		3.500	J 0.49	3.9	ug/Kg
P4636-14	CC0Q7	Solid	Fluoranthene		2.600	J 0.8	3.9	ug/Kg
P4636-14	CC0Q7	Solid	Naphthalene		3.200	J 0.43	3.9	ug/Kg
P4636-14	CC0Q7	Solid	Phenanthrene		4.100	0.6	3.9	ug/Kg
P4636-14	CC0Q7	Solid	Pyrene		2.400	J 0.61	3.9	ug/Kg
			Total Svoc :	21.48				
			Total Concentration:	21.48				
Client ID : CC0Q9								
P4636-15	CC0Q9	Solid	Total Alkanes	*	0.000	1.1	7	ug/Kg
			Total Tics :	0.00				
P4636-15	CC0Q9	Solid	Benzo(a)anthracene		2.700	J 0.44	3.4	ug/Kg
P4636-15	CC0Q9	Solid	Benzo(a)pyrene		3.600	0.37	3.4	ug/Kg
P4636-15	CC0Q9	Solid	Benzo(b)fluoranthene		5.400	0.22	3.4	ug/Kg
P4636-15	CC0Q9	Solid	Benzo(g,h,i)perylene		3.400	1	3.4	ug/Kg
P4636-15	CC0Q9	Solid	Benzo(k)fluoranthene		2.200	J 0.41	3.4	ug/Kg
P4636-15	CC0Q9	Solid	Chrysene		3.500	0.44	3.4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4636-15	CC0Q9	Solid	Fluoranthene	5.200		0.71	3.4	ug/Kg
P4636-15	CC0Q9	Solid	Indeno(1,2,3-cd)pyrene	2.600	J	0.89	3.4	ug/Kg
P4636-15	CC0Q9	Solid	Naphthalene	0.800	J	0.38	3.4	ug/Kg
P4636-15	CC0Q9	Solid	Phenanthrene	3.400		0.53	3.4	ug/Kg
P4636-15	CC0Q9	Solid	Pyrene	5.500		0.54	3.4	ug/Kg
Total Svoc :				38.30				
Total Concentration:				38.30				
Client ID : CC0R0								
P4636-16	CC0R0	Solid	Total Alkanes	*	0.000	1.3	7.7	ug/Kg
Total Tics :				0.00				
P4636-16	CC0R0	Solid	Benzo(a)anthracene	1.300	J	0.48	3.8	ug/Kg
P4636-16	CC0R0	Solid	Benzo(a)pyrene	0.840	J	0.41	3.8	ug/Kg
P4636-16	CC0R0	Solid	Benzo(b)fluoranthene	2.900	J	0.24	3.8	ug/Kg
P4636-16	CC0R0	Solid	Benzo(k)fluoranthene	0.990	J	0.45	3.8	ug/Kg
P4636-16	CC0R0	Solid	Chrysene	2.100	J	0.48	3.8	ug/Kg
P4636-16	CC0R0	Solid	Fluoranthene	1.700	J	0.78	3.8	ug/Kg
P4636-16	CC0R0	Solid	Indeno(1,2,3-cd)pyrene	1.000	J	0.98	3.8	ug/Kg
P4636-16	CC0R0	Solid	Naphthalene	0.840	J	0.42	3.8	ug/Kg
P4636-16	CC0R0	Solid	Phenanthrene	1.300	J	0.58	3.8	ug/Kg
P4636-16	CC0R0	Solid	Pyrene	1.500	J	0.6	3.8	ug/Kg
Total Svoc :				14.47				
Total Concentration:				14.47				
Client ID : CC0R1								
P4636-17	CC0R1	Solid	Total Alkanes	*	0.000	1.4	8.6	ug/Kg
Total Tics :				0.00				
P4636-17	CC0R1	Solid	Anthracene	0.900	J	0.67	4.2	ug/Kg
P4636-17	CC0R1	Solid	Benzo(a)anthracene	6.000		0.54	4.2	ug/Kg
P4636-17	CC0R1	Solid	Benzo(a)pyrene	6.800		0.46	4.2	ug/Kg
P4636-17	CC0R1	Solid	Benzo(b)fluoranthene	9.900		0.27	4.2	ug/Kg
P4636-17	CC0R1	Solid	Benzo(g,h,i)perylene	6.000		1.3	4.2	ug/Kg
P4636-17	CC0R1	Solid	Benzo(k)fluoranthene	3.000	J	0.5	4.2	ug/Kg
P4636-17	CC0R1	Solid	Chrysene	6.100		0.54	4.2	ug/Kg
P4636-17	CC0R1	Solid	Dibenzo(a,h)anthracene	1.400	J	1.1	4.2	ug/Kg
P4636-17	CC0R1	Solid	Fluoranthene	9.300		0.87	4.2	ug/Kg
P4636-17	CC0R1	Solid	Indeno(1,2,3-cd)pyrene	4.200		1.1	4.2	ug/Kg
P4636-17	CC0R1	Solid	Phenanthrene	1.900	J	0.65	4.2	ug/Kg
P4636-17	CC0R1	Solid	Pyrene	8.700		0.67	4.2	ug/Kg
Total Svoc :				64.20				
Total Concentration:				64.20				

Hit Summary Sheet
SW-846

SDG No.: BN111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : CC0R2								
P4636-18	CC0R2	Solid	Total Alkanes	*	0.000	1.5	9	ug/Kg
			Total Tics :			0.00		
P4636-18	CC0R2	Solid	Benzo(a)anthracene		0.990 J	0.57	4.5	ug/Kg
P4636-18	CC0R2	Solid	Benzo(b)fluoranthene		1.400 J	0.28	4.5	ug/Kg
P4636-18	CC0R2	Solid	Benzo(k)fluoranthene		1.300 J	0.53	4.5	ug/Kg
P4636-18	CC0R2	Solid	Chrysene		1.100 J	0.57	4.5	ug/Kg
P4636-18	CC0R2	Solid	Fluoranthene		1.600 J	0.92	4.5	ug/Kg
P4636-18	CC0R2	Solid	Pentachlorophenol		2.300 J	1.9	9	ug/Kg
P4636-18	CC0R2	Solid	Pyrene		1.600 J	0.7	4.5	ug/Kg
			Total Svoc :			10.29		
			Total Concentration:			10.29		
Client ID : CC0R8								
P4636-19	CC0R8	Solid	Total Alkanes	*	0.000	1.2	7.3	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : CC0R6								
P4637-01	CC0R6	Solid	Total Alkanes	*	0.000	1.2	7.1	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0AE2								
P4668-06	C0AE2	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P4668-06	C0AE2	Water	Naphthalene		0.040 J	0.01	0.1	ug/L
			Total Svoc :			0.04		
			Total Concentration:			0.04		
Client ID : C0AF5								
P4714-03	C0AF5	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4714-03	C0AF5	Water	1-Methylnaphthalene		16.000 E	0.024	0.1	ug/L
P4714-03	C0AF5	Water	2-Methylnaphthalene		6.700 E	0.011	0.1	ug/L
P4714-03	C0AF5	Water	Acenaphthene		8.800 E	0.013	0.1	ug/L
P4714-03	C0AF5	Water	Acenaphthylene		0.180	0.014	0.1	ug/L
P4714-03	C0AF5	Water	Anthracene		0.090 J	0.011	0.1	ug/L
P4714-03	C0AF5	Water	Fluorene		2.600 E	0.022	0.1	ug/L
P4714-03	C0AF5	Water	Naphthalene		130.000 E	0.011	0.1	ug/L
P4714-03	C0AF5	Water	Phenanthrene		0.160	0.014	0.1	ug/L
			Total Svoc :			164.53		
			Total Concentration:			164.53		

Hit Summary Sheet
SW-846

SDG No.: BN111124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AG0								
P4714-05	C0AG0	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0AG2								
P4714-06	C0AG2	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4714-06	C0AG2	Water	Anthracene		0.030	J 0.011	0.1	ug/L
P4714-06	C0AG2	Water	Benzo(a)anthracene		0.030	J 0.015	0.1	ug/L
P4714-06	C0AG2	Water	Benzo(b)fluoranthene		0.030	J 0.004	0.1	ug/L
P4714-06	C0AG2	Water	Benzo(g,h,i)perylene		0.040	J 0.025	0.1	ug/L
P4714-06	C0AG2	Water	Benzo(k)fluoranthene		0.030	J 0.019	0.1	ug/L
P4714-06	C0AG2	Water	Chrysene		0.030	J 0.014	0.1	ug/L
P4714-06	C0AG2	Water	Dibenzo(a,h)anthracene		0.040	J 0.026	0.1	ug/L
P4714-06	C0AG2	Water	Fluoranthene		0.030	J 0.022	0.1	ug/L
P4714-06	C0AG2	Water	Indeno(1,2,3-cd)pyrene		0.040	J 0.023	0.1	ug/L
P4714-06	C0AG2	Water	Pentachlorophenol		0.070	J 0.041	0.2	ug/L
P4714-06	C0AG2	Water	Phenanthrene		0.030	J 0.014	0.1	ug/L
			Total Svoc :			0.40		
			Total Concentration:			0.40		
Client ID : C0AE7								
P4717-04	C0AE7	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0AF0								
P4717-07	C0AF0	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4717-07	C0AF0	Water	1,4-Dioxane		0.160	J 0.031	0.2	ug/L
			Total Svoc :			0.16		
			Total Concentration:			0.16		
Client ID : C0AF1								
P4717-08	C0AF1	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P4717-08	C0AF1	Water	1,4-Dioxane		1.700	0.03	0.2	ug/L
			Total Svoc :			1.70		
			Total Concentration:			1.70		
Client ID : C0AF2								
P4717-09	C0AF2	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		

Hit Summary Sheet SW-846

SDG No.: BN111124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4717-09	C0AF2	Water	1,4-Dioxane	1.300		0.03	0.2	ug/L
			Total Svoc :			1.30		
			Total Concentration:			1.30		
Client ID : C0AF3								
P4717-10	C0AF3	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4717-10	C0AF3	Water	1,4-Dioxane	1.600		0.031	0.2	ug/L
			Total Svoc :			1.60		
			Total Concentration:			1.60		
Client ID : GCP56								
P4744-02	GCP56	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P4744-02	GCP56	Water	1,4-Dioxane	0.090	J	0.031	0.2	ug/L
			Total Svoc :			0.09		
			Total Concentration:			0.09		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN110924 SAS No.: BN110924 SDG No.: BN110924
Instrument ID: _____ Calibration Date(s): 11/8/2024 : _____
Calibration Time(s): 20:40 _____

LAB FILE ID:		RRFAL1 = BN034913.D			RRFAL2 = BN034914.D		RRFAL3 = BN034915.D	
		RRFAL4 = BN034916.D			RRFAL5 = BN034917.D		RRFAL6 = BN034918.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.457	0.419	0.417	0.402	0.391	0.417	6.0
1,4-Dioxane-d8		0.409	0.392	0.379	0.366	0.357	0.381	5.4
Naphthalene	1.040	1.009	0.997	0.991	0.969		1.001	2.6
1-Methylnaphthalene	0.774	0.754	0.736	0.745	0.743		0.750	1.9
2-Methylnaphthalene	0.780	0.744	0.735	0.740	0.737		0.747	2.5
Acenaphthylene	1.720	1.661	1.617	1.604	1.569		1.634	3.6
Acenaphthene	1.287	1.262	1.223	1.226	1.196		1.239	2.9
Fluorene	1.626	1.599	1.562	1.556	1.537		1.576	2.3
Pentachlorophenol		0.077	0.084	0.093	0.101	0.108	0.092	13.3
Phenanthrene	1.104	1.075	1.058	1.058	1.050		1.069	2.0
Anthracene	1.026	1.005	0.985	1.000	1.005		1.005	1.5
Fluoranthene	1.384	1.363	1.329	1.322	1.286		1.337	2.8
Pyrene	1.453	1.424	1.368	1.360	1.324		1.386	3.8
Benzo(a)anthracene	1.506	1.474	1.423	1.426	1.414		1.449	2.7
Chrysene	1.527	1.524	1.479	1.447	1.413		1.478	3.3
Benzo(b)fluoranthene	1.436	1.408	1.405	1.400	1.383		1.406	1.4
Benzo(k)fluoranthene	1.516	1.495	1.456	1.462	1.431		1.472	2.3
Benzo(a)pyrene	1.290	1.271	1.251	1.242	1.229		1.257	1.9
Indeno(1,2,3-cd)pyrene	1.553	1.542	1.525	1.527	1.538		1.537	0.7
Dibenzo(a,h)anthracene	1.208	1.185	1.189	1.198	1.206		1.197	0.8
Benzo(g,h,i)perylene	1.180	1.183	1.174	1.166	1.167		1.174	0.7
Fluoranthene-d10	1.085	1.042	1.030	1.005	0.974		1.027	4.0
2-Methylnaphthalene-d10	0.626	0.613	0.611	0.608	0.606		0.613	1.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111124 SAS No.: BN111124 SDG NO.: BN111124

EPA Sample No.: SSTD0.4218 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BN034915.D Time Analyzed: 10:24

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	1555	7.575	3806	10.34	2878	14.21
	UPPER LIMIT	3110	8.075	7612	10.839	5756	14.708
	LOWER LIMIT	777.5	7.075	1903	9.839	1439	13.708
	EPA SAMPLE NO.						
01	SBLK722	2848	7.56	7612	10.33	6023 *	14.20
02	C0PI7	2659	7.56	6643	10.33	4667	14.20
03	CC0P0	3519 *	7.57	8867 *	10.33	6108 *	14.20
04	CC0R1	3378 *	7.56	8575 *	10.33	5691	14.20
05	GCP56	2937	7.56	7322	10.33	5095	14.20
06	CC0Q9	3013	7.56	7614 *	10.33	5097	14.20
07	CC0P6	3196 *	7.56	7911 *	10.33	5356	14.20
08	SBLK747	2621	7.57	6503	10.33	4396	14.20
09	SLCS747	3101	7.56	7731 *	10.33	5020	14.20
10	CC0R6	2755	7.56	6917	10.33	4689	14.20
11	CC0R0	3462 *	7.56	8676 *	10.33	5761 *	14.20
12	CC0Q4	2973	7.56	7656 *	10.33	5094	14.20
13	SBLK729	2883	7.56	7383	10.33	5224	14.20
14	CC0Q3	2593	7.56	6545	10.33	4744	14.20
15	CC0P2	2894	7.56	7681 *	10.33	5527	14.20
16	CC0P4	2914	7.56	7635 *	10.33	5369	14.20
17	CC0Q2	2918	7.56	7605	10.33	5412	14.20
18	CC0P8	3639 *	7.56	9232 *	10.33	6012 *	14.20
19	C0AF2	3240 *	7.56	8459 *	10.33	5640	14.20
20	C0AF3	3428 *	7.56	8806 *	10.33	5859 *	14.20
21	CC0Q0	3211 *	7.56	8049 *	10.33	5274	14.20
22	CC0Q5	3146 *	7.56	7967 *	10.33	5222	14.20
23	CC0Q7	3104	7.56	7958 *	10.33	5250	14.20

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111124 SAS No.: BN111124 SDG NO.: BN111124

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

Lab File ID: BN034915.D Time Analyzed: 00:50

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	1555	7.575	3806	10.34	2878	14.21
	UPPER LIMIT	3110	8.075	7612	10.839	5756	14.708
	LOWER LIMIT	777.5	7.075	1903	9.839	1439	13.708
	EPA SAMPLE NO.						
24	CC0R8	2942	7.56	7354	10.33	4886	14.20
25	CC0R2	2897	7.57	7207	10.33	4940	14.20
26	C0AF0	3199 *	7.56	7655 *	10.33	5137	14.20
27	C0AF1	3214 *	7.56	8094 *	10.33	5245	14.20
28	SLCS722	3573 *	7.56	8789 *	10.33	5547	14.20
29	SBLK731	3534 *	7.56	8666 *	10.33	5644	14.20
30	C0AE2	3910 *	7.56	10256 *	10.33	7554 *	14.20
31	C0AE7	2932	7.56	7126	10.32	4927	14.20
32	C0AG0	3556 *	7.56	8651 *	10.33	5902 *	14.20
33	C0AF5	3383 *	7.56	8712 *	10.33	7203 *	14.20
34	C0AG2	3170 *	7.56	8147 *	10.32	5788 *	14.20

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111124 SAS No.: BN111124 SDG NO.: BN111124

EPA Sample No.: SSTD0.4331 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BN034996.D Time Analyzed: 10:24

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2269	7.562	5531	10.33	3918	14.20
UPPER LIMIT	4538	8.062	11062	10.828	7836	14.699
LOWER LIMIT	1134.5	7.062	2765.5	9.828	1959	13.699
EPA SAMPLE NO.						
01 SBLK722	2848	7.56	7612	10.33	6023	14.20
02 C0PI7	2659	7.56	6643	10.33	4667	14.20
03 CC0P0	3519	7.57	8867	10.33	6108	14.20
04 CC0R1	3378	7.56	8575	10.33	5691	14.20
05 GCP56	2937	7.56	7322	10.33	5095	14.20
06 CC0Q9	3013	7.56	7614	10.33	5097	14.20
07 CC0P6	3196	7.56	7911	10.33	5356	14.20
08 SBLK747	2621	7.57	6503	10.33	4396	14.20
09 SLCS747	3101	7.56	7731	10.33	5020	14.20
10 CC0R6	2755	7.56	6917	10.33	4689	14.20
11 CC0R0	3462	7.56	8676	10.33	5761	14.20
12 CC0Q4	2973	7.56	7656	10.33	5094	14.20

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111124 SAS No.: BN111124 SDG NO.: BN111124

EPA Sample No.: SSTD0.4332 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BN035009.D Time Analyzed: 18:13

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	3200	7.562	8160	10.33	5253	14.20
	UPPER LIMIT	6400	8.062	16320	10.828	10506	14.699
	LOWER LIMIT	1600	7.062	4080	9.828	2626.5	13.699
	EPA SAMPLE NO.						
01	SBLK729	2883	7.56	7383	10.33	5224	14.20
02	CC0Q3	2593	7.56	6545	10.33	4744	14.20
03	CC0P2	2894	7.56	7681	10.33	5527	14.20
04	CC0P4	2914	7.56	7635	10.33	5369	14.20
05	CC0Q2	2918	7.56	7605	10.33	5412	14.20
06	CC0P8	3639	7.56	9232	10.33	6012	14.20
07	C0AF2	3240	7.56	8459	10.33	5640	14.20
08	C0AF3	3428	7.56	8806	10.33	5859	14.20
09	CC0Q0	3211	7.56	8049	10.33	5274	14.20
10	CC0Q5	3146	7.56	7967	10.33	5222	14.20
11	CC0Q7	3104	7.56	7958	10.33	5250	14.20
12	CC0R8	2942	7.56	7354	10.33	4886	14.20
13	CC0R2	2897	7.57	7207	10.33	4940	14.20
14	C0AF0	3199	7.56	7655	10.33	5137	14.20
15	C0AF1	3214	7.56	8094	10.33	5245	14.20
16	SLCS722	3573	7.56	8789	10.33	5547	14.20

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111124 SAS No.: BN111124 SDG NO.: BN111124

EPA Sample No.: SSTD0.4332 Date Analyzed: Nov 12 2024 12:00AM

Lab File ID: BN035009.D Time Analyzed: 03:14

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	3200	7.562	8160	10.33	5253	14.20
UPPER LIMIT	6400	8.062	16320	10.828	10506	14.699
LOWER LIMIT	1600	7.062	4080	9.828	2626.5	13.699
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.: BN111124 SAS No.: BN111124 SDG NO.: BN111124

EPA Sample No.: SSTD0.4333 Date Analyzed: Nov 12 2024 12:00AM

Lab File ID: BN035026.D Time Analyzed: 05:02

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	3406	7.562	8349	10.33	5205	14.20
UPPER LIMIT	6812	8.062	16698	10.828	10410	14.699
LOWER LIMIT	1703	7.062	4174.5	9.828	2602.5	13.699
EPA SAMPLE NO.						
01 SBLK731	3534	7.56	8666	10.33	5644	14.20
02 C0AE2	3910	7.56	10256	10.33	7554	14.20
03 C0AE7	2932	7.56	7126	10.32	4927	14.20
04 C0AG0	3556	7.56	8651	10.33	5902	14.20
05 C0AF5	3383	7.56	8712	10.33	7203	14.20
06 C0AG2	3170	7.56	8147	10.32	5788	14.20

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111124 SAS No.: BN111124 SDG NO.: BN111124

EPA Sample No.: SSTD0.4218 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BN034915.D Time Analyzed: 10:24

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	7501	16.954	7914	21.148	8238	23.311
	UPPER LIMIT	15002	17.454	15828	21.648	16476	23.811
	LOWER LIMIT	3750.5	16.454	3957	20.648	4119	22.811
	EPA SAMPLE NO.						
01	SBLK722	14838	16.95	14058	21.14	12492	23.31
02	C0PI7	10763	16.95	9992	21.14	10184	23.31
03	CC0P0	13349	16.95	12570	21.14	12767	23.31
04	CC0R1	11942	16.95	10908	21.14	11077	23.31
05	GCP56	11488	16.95	10473	21.14	10296	23.31
06	CC0Q9	11053	16.95	9698	21.14	9960	23.31
07	CC0P6	11863	16.95	10576	21.14	10900	23.31
08	SBLK747	9624	16.95	8636	21.14	8657	23.31
09	SLCS747	10784	16.95	10049	21.14	10758	23.31
10	CC0R6	10136	16.95	9388	21.14	9857	23.31
11	CC0R0	12174	16.95	11716	21.14	12483	23.31
12	CC0Q4	10670	16.95	10004	21.14	11649	23.31
13	SBLK729	11292	16.95	10417	21.14	10795	23.31
14	CC0Q3	10337	16.95	10267	21.14	11720	23.31
15	CC0P2	12573	16.95	12422	21.14	12535	23.31
16	CC0P4	11943	16.95	11581	21.14	12033	23.31
17	CC0Q2	12192	16.95	11649	21.14	12564	23.31
18	CC0P8	12424	16.95	11724	21.14	13207	23.31
19	C0AF2	11477	16.95	9978	21.14	10144	23.31
20	C0AF3	11460	16.95	9528	21.14	10164	23.31
21	CC0Q0	10852	16.95	10161	21.14	12077	23.31

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111124 SAS No.: BN111124 SDG NO.: BN111124

EPA Sample No.: SSTD0.4218 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BN034915.D Time Analyzed: 23:38

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	7501	16.954	7914	21.148	8238	23.311
UPPER LIMIT	15002	17.454	15828	21.648	16476	23.811
LOWER LIMIT	3750.5	16.454	3957	20.648	4119	22.811
EPA SAMPLE NO.						
22 CC0Q5	10903	16.95	10102	21.14	11818	23.31
23 CC0Q7	10978	16.95	10106	21.14	11881	23.31
24 CC0R8	10721	16.95	10797	21.14	11581	23.31
25 CC0R2	10911	16.95	10522	21.14	11249	23.31
26 C0AF0	11093	16.95	10695	21.14	11123	23.31
27 C0AF1	10611	16.95	9569	21.14	10036	23.31
28 SLCS722	11583	16.95	10891	21.14	12412	23.31
29 SBLK731	11795	16.95	10610	21.14	11413	23.31
30 C0AE2	15651 *	16.95	10466	21.14	10427	23.31
31 C0AE7	10984	16.95	10148	21.14	10515	23.31
32 C0AG0	12770	16.95	11874	21.14	12318	23.31
33 C0AF5	14849	16.95	13658	21.14	13773	23.31
34 C0AG2	13179	16.95	12618	21.14	13266	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.: BN111124 SAS No.: BN111124 SDG NO.: BN111124

EPA Sample No.: SSTD0.4331 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BN034996.D Time Analyzed: 10:24

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	9461	16.945	9395	21.142	9977	23.305
UPPER LIMIT	18922	17.445	18790	21.642	19954	23.805
LOWER LIMIT	4730.5	16.445	4697.5	20.642	4988.5	22.805
EPA SAMPLE NO.						
01 SBLK722	14838	16.95	14058	21.14	12492	23.31
02 C0PI7	10763	16.95	9992	21.14	10184	23.31
03 CC0P0	13349	16.95	12570	21.14	12767	23.31
04 CC0R1	11942	16.95	10908	21.14	11077	23.31
05 GCP56	11488	16.95	10473	21.14	10296	23.31
06 CC0Q9	11053	16.95	9698	21.14	9960	23.31
07 CC0P6	11863	16.95	10576	21.14	10900	23.31
08 SBLK747	9624	16.95	8636	21.14	8657	23.31
09 SLCS747	10784	16.95	10049	21.14	10758	23.31
10 CC0R6	10136	16.95	9388	21.14	9857	23.31
11 CC0R0	12174	16.95	11716	21.14	12483	23.31
12 CC0Q4	10670	16.95	10004	21.14	11649	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.: BN111124 SAS No.: BN111124 SDG NO.: BN111124

EPA Sample No.: SSTD0.4332 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BN035009.D Time Analyzed: 18:13

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	10964	16.945	10254	21.143	11428	23.308
	UPPER LIMIT	21928	17.445	20508	21.643	22856	23.808
	LOWER LIMIT	5482	16.445	5127	20.643	5714	22.808
	EPA SAMPLE NO.						
01	SBLK729	11292	16.95	10417	21.14	10795	23.31
02	CC0Q3	10337	16.95	10267	21.14	11720	23.31
03	CC0P2	12573	16.95	12422	21.14	12535	23.31
04	CC0P4	11943	16.95	11581	21.14	12033	23.31
05	CC0Q2	12192	16.95	11649	21.14	12564	23.31
06	CC0P8	12424	16.95	11724	21.14	13207	23.31
07	C0AF2	11477	16.95	9978	21.14	10144	23.31
08	C0AF3	11460	16.95	9528	21.14	10164	23.31
09	CC0Q0	10852	16.95	10161	21.14	12077	23.31
10	CC0Q5	10903	16.95	10102	21.14	11818	23.31
11	CC0Q7	10978	16.95	10106	21.14	11881	23.31
12	CC0R8	10721	16.95	10797	21.14	11581	23.31
13	CC0R2	10911	16.95	10522	21.14	11249	23.31
14	C0AF0	11093	16.95	10695	21.14	11123	23.31
15	C0AF1	10611	16.95	9569	21.14	10036	23.31
16	SLCS722	11583	16.95	10891	21.14	12412	23.31

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN111124 SAS No.: BN111124 SDG NO.: BN111124

EPA Sample No.: SSTD0.4332 Date Analyzed: Nov 12 2024 12:00AM

Lab File ID: BN035009.D Time Analyzed: 03:14

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	10964	16.945	10254	21.143	11428	23.308
UPPER LIMIT	21928	17.445	20508	21.643	22856	23.808
LOWER LIMIT	5482	16.445	5127	20.643	5714	22.808
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.: BN111124 SAS No.: BN111124 SDG NO.: BN111124

EPA Sample No.: SSTD0.4333 Date Analyzed: Nov 12 2024 12:00AM

Lab File ID: BN035026.D Time Analyzed: 05:02

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	10671	16.945	9867	21.142	11284	23.305
UPPER LIMIT	21342	17.445	19734	21.642	22568	23.805
LOWER LIMIT	5335.5	16.445	4933.5	20.642	5642	22.805
EPA SAMPLE NO.						
01 SBLK731	11795	16.95	10610	21.14	11413	23.31
02 C0AE2	15651	16.95	10466	21.14	10427	23.31
03 C0AE7	10984	16.95	10148	21.14	10515	23.31
04 C0AG0	12770	16.95	11874	21.14	12318	23.31
05 C0AF5	14849	16.95	13658	21.14	13773	23.31
06 C0AG2	13179	16.95	12618	21.14	13266	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.: BN111124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164722BS	1,4-Dioxane	66.7	43	ug/Kg	64				0	0		
	Naphthalene	13.3	11	ug/Kg	83				0	0		
	1-Methylnaphthalene	13.3	10	ug/Kg	75				0	0		
	2-Methylnaphthalene	13.3	10	ug/Kg	75				0	0		
	Acenaphthylene	13.3	11	ug/Kg	83				0	0		
	Acenaphthene	13.3	10	ug/Kg	75				0	0		
	Fluorene	13.3	9.4	ug/Kg	71				0	0		
	Pentachlorophenol	26.7	24	ug/Kg	90				0	0		
	Phenanthrene	13.3	11	ug/Kg	83				0	0		
	Anthracene	13.3	11	ug/Kg	83				0	0		
	Fluoranthene	13.3	11	ug/Kg	83				0	0		
	Pyrene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)anthracene	13.3	11	ug/Kg	83				0	0		
	Chrysene	13.3	11	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	13.3	10	ug/Kg	75				0	0		
	Benzo(k)fluoranthene	13.3	10	ug/Kg	75				0	0		
	Benzo(a)pyrene	13.3	11	ug/Kg	83				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	12	ug/Kg	90				0	0		
	Dibenzo(a,h)anthracene	13.3	12	ug/Kg	90				0	0		
	Benzo(g,h,i)perylene	13.3	12	ug/Kg	90				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN111124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164747BS	1,4-Dioxane	66.7	71	ug/Kg	106				0	0		
	Naphthalene	13.3	17	ug/Kg	128				0	0		
	1-Methylnaphthalene	13.3	18	ug/Kg	135				0	0		
	2-Methylnaphthalene	13.3	16	ug/Kg	120				0	0		
	Acenaphthylene	13.3	16	ug/Kg	120				0	0		
	Acenaphthene	13.3	16	ug/Kg	120				0	0		
	Fluorene	13.3	14	ug/Kg	105				0	0		
	Pentachlorophenol	26.7	32	ug/Kg	120				0	0		
	Phenanthrene	13.3	16	ug/Kg	120				0	0		
	Anthracene	13.3	16	ug/Kg	120				0	0		
	Fluoranthene	13.3	17	ug/Kg	128				0	0		
	Pyrene	13.3	17	ug/Kg	128				0	0		
	Benzo(a)anthracene	13.3	17	ug/Kg	128				0	0		
	Chrysene	13.3	16	ug/Kg	120				0	0		
	Benzo(b)fluoranthene	13.3	16	ug/Kg	120				0	0		
	Benzo(k)fluoranthene	13.3	16	ug/Kg	120				0	0		
	Benzo(a)pyrene	13.3	17	ug/Kg	128				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	18	ug/Kg	135				0	0		
	Dibenzo(a,h)anthracene	13.3	18	ug/Kg	135				0	0		
	Benzo(g,h,i)perylene	13.3	18	ug/Kg	135				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK722

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN111124

SAS No.: BN111124 SDG NO.: BN111124

Lab File ID: BN034997.D

Lab Sample ID: PB164722BL

Instrument ID: BNA_N

Date Extracted: 11/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/11/2024

Level: (low/med) LOW

Time Analyzed: 10:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0PI7	P4636-01	BN034998.D	11/11/2024
CC0P0	P4636-02	BN034999.D	11/11/2024
CC0R1	P4636-17	BN035000.D	11/11/2024
CC0R0	P4636-16	BN035007.D	11/11/2024
CC0Q9	P4636-15	BN035002.D	11/11/2024
CC0P6	P4636-07	BN035003.D	11/11/2024
CC0Q4	P4636-12	BN035008.D	11/11/2024
CC0Q3	P4636-11	BN035011.D	11/11/2024
CC0P2	P4636-05	BN035012.D	11/11/2024
CC0P4	P4636-06	BN035013.D	11/11/2024
CC0Q2	P4636-10	BN035014.D	11/11/2024
CC0P8	P4636-08	BN035015.D	11/11/2024
CC0Q0	P4636-09	BN035018.D	11/11/2024
CC0Q5	P4636-13	BN035019.D	11/11/2024
CC0Q7	P4636-14	BN035020.D	11/12/2024
CC0R8	P4636-19	BN035021.D	11/12/2024
CC0R2	P4636-18	BN035022.D	11/12/2024
PB164722BS	PB164722BS	BN035025.D	11/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK729

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN111124

SAS No.: BN111124 SDG NO.: BN111124

Lab File ID: BN035010.D

Lab Sample ID: PB164729BL

Instrument ID: BNA_N

Date Extracted: 11/05/2024

Matrix: (soil/water) Water

Date Analyzed: 11/11/2024

Level: (low/med) LOW

Time Analyzed: 18:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AE2	P4668-06	BN035028.D	11/12/2024
C0AF5	P4714-03	BN035031.D	11/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK731

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN111124

SAS No.: BN111124 SDG NO.: BN111124

Lab File ID: BN035027.D

Lab Sample ID: PB164731BL

Instrument ID: BNA_N

Date Extracted: 11/05/2024

Matrix: (soil/water) Water

Date Analyzed: 11/12/2024

Level: (low/med) LOW

Time Analyzed: 05:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AG0	P4714-05	BN035030.D	11/12/2024
C0AG2	P4714-06	BN035032.D	11/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0AE7

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN111124

SAS No.: BN111124 SDG NO.: BN111124

Lab File ID: BN035029.D

Lab Sample ID: P4717-04

Instrument ID: BNA_N

Date Extracted: 11/06/2024

Matrix: (soil/water) Water

Date Analyzed: 11/12/2024

Level: (low/med) LOW

Time Analyzed: 06:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AE7	P4717-04	BN035029.D	11/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0AF0

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN111124

SAS No.: BN111124 SDG NO.: BN111124

Lab File ID: BN035023.D

Lab Sample ID: P4717-07

Instrument ID: BNA_N

Date Extracted: 11/06/2024

Matrix: (soil/water) Water

Date Analyzed: 11/12/2024

Level: (low/med) LOW

Time Analyzed: 02:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AF0	P4717-07	BN035023.D	11/12/2024
C0AF1	P4717-08	BN035024.D	11/12/2024
C0AF2	P4717-09	BN035016.D	11/11/2024
C0AF3	P4717-10	BN035017.D	11/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK747

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN111124

SAS No.: BN111124 SDG NO.: BN111124

Lab File ID: BN035004.D

Lab Sample ID: PB164747BL

Instrument ID: BNA_N

Date Extracted: 11/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/11/2024

Level: (low/med) LOW

Time Analyzed: 14:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164747BS	PB164747BS	BN035005.D	11/11/2024
CC0R6	P4637-01	BN035006.D	11/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

GCP56

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN111124

SAS No.: BN111124 SDG NO.: BN111124

Lab File ID: BN035001.D

Lab Sample ID: P4744-02

Instrument ID: BNA_N

Date Extracted: 11/07/2024

Matrix: (soil/water) Water

Date Analyzed: 11/11/2024

Level: (low/med) LOW

Time Analyzed: 12:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GCP56	P4744-02	BN035001.D	11/11/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN111124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4636-01	C0PI7	BN034998.D	1,4-Dioxane-d8	8	3.94	49		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P4636-02	CC0P0	BN034999.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
P4636-05	CC0P2	BN035012.D	1,4-Dioxane-d8	8	2.94	37		15	120
			Fluoranthene-d10	0.4	0.25	62		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P4636-06	CC0P4	BN035013.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P4636-07	CC0P6	BN035003.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P4636-08	CC0P8	BN035015.D	1,4-Dioxane-d8	8	0.99	12	*	15	120
			Fluoranthene-d10	0.4	0.08	20	*	30	130
			2-Methylnaphthalene-d10	0.4	0.07	17	*	20	140
P4636-09	CC0Q0	BN035018.D	1,4-Dioxane-d8	8	1.52	19		15	120
			Fluoranthene-d10	0.4	0.13	34		30	130
			2-Methylnaphthalene-d10	0.4	0.11	28		20	140
P4636-10	CC0Q2	BN035014.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P4636-11	CC0Q3	BN035011.D	1,4-Dioxane-d8	8	1.07	13	*	15	120
			Fluoranthene-d10	0.4	0.12	29	*	30	130
			2-Methylnaphthalene-d10	0.4	0.08	20		20	140
P4636-12	CC0Q4	BN035008.D	1,4-Dioxane-d8	8	1.18	15		15	120
			Fluoranthene-d10	0.4	0.10	24	*	30	130
			2-Methylnaphthalene-d10	0.4	0.08	20		20	140
P4636-13	CC0Q5	BN035019.D	1,4-Dioxane-d8	8	1.08	13	*	15	120
			Fluoranthene-d10	0.4	0.10	24	*	30	130
			2-Methylnaphthalene-d10	0.4	0.08	20		20	140
P4636-14	CC0Q7	BN035020.D	1,4-Dioxane-d8	8	1.44	18		15	120
			Fluoranthene-d10	0.4	0.12	30		30	130
			2-Methylnaphthalene-d10	0.4	0.10	25		20	140
P4636-15	CC0Q9	BN035002.D	1,4-Dioxane-d8	8	3.51	44		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P4636-16	CC0R0	BN035007.D	1,4-Dioxane-d8	8	1.99	25		15	120
			Fluoranthene-d10	0.4	0.15	38		30	130
			2-Methylnaphthalene-d10	0.4	0.14	34		20	140
P4636-17	CC0R1	BN035000.D	1,4-Dioxane-d8	8	3.28	41		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P4636-18	CC0R2	BN035022.D	1,4-Dioxane-d8	8	3.27	41		15	120
			Fluoranthene-d10	0.4	0.28	71		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P4636-19	CC0R8	BN035021.D	1,4-Dioxane-d8	8	3.68	46		15	120

Surrogate Summary

SW-846

SDG No.: BN111124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4636-19	CC0R8	BN035021.D	Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
PB164722BL	PB164722BL	BN034997.D	1,4-Dioxane-d8	8	4.95	62		15	120
			Fluoranthene-d10	0.4	0.34	85		30	130
PB164722BS	PB164722BS	BN035025.D	2-Methylnaphthalene-d10	0.4	0.32	80		20	140
			1,4-Dioxane-d8	0.8	0.55	69		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		20	140

Surrogate Summary

SW-846

SDG No.: BN111124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4668-06	C0AE2	BN035028.D	1,4-Dioxane-d8	8	4.49	56		15	120
			Fluoranthene-d10	0.4	0.49	122		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
P4714-03	C0AF5	BN035031.D	1,4-Dioxane-d8	8	4.33	54		15	120
			Fluoranthene-d10	0.4	0.45	112		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		30	130
PB164729BL	PB164729BL	BN035010.D	1,4-Dioxane-d8	8	5.66	71		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130

Surrogate Summary

SW-846

SDG No.: BN111124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4714-05	C0AG0	BN035030.D	1,4-Dioxane-d8	8	4.12	51		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
P4714-06	C0AG2	BN035032.D	1,4-Dioxane-d8	8	4.09	51		15	120
			Fluoranthene-d10	0.4	0.51	127		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
PB164731BL	PB164731BL	BN035027.D	1,4-Dioxane-d8	8	5.30	66		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130

Surrogate Summary

SW-846

SDG No.: BN111124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4717-04	C0AE7	BN035029.D	1,4-Dioxane-d8	8	4.59	57		15	120
			Fluoranthene-d10	0.4	0.56	140	*	30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130

Surrogate Summary

SW-846

SDG No.: BN111124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4717-07	C0AF0	BN035023.D	1,4-Dioxane-d8	8	4.24	53		15	120
			Fluoranthene-d10	0.4	0.45	111		30	130
			2-Methylnaphthalene-d10	0.4	0.31	79		30	130
P4717-08	C0AF1	BN035024.D	1,4-Dioxane-d8	8	4.36	55		15	120
			Fluoranthene-d10	0.4	0.48	119		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130
P4717-09	C0AF2	BN035016.D	1,4-Dioxane-d8	8	3.98	50		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P4717-10	C0AF3	BN035017.D	1,4-Dioxane-d8	8	4.38	55		15	120
			Fluoranthene-d10	0.4	0.52	129		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130

Surrogate Summary

SW-846

SDG No.: BN111124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4637-01	CC0R6	BN035006.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
PB164747BL	PB164747BL	BN035004.D	1,4-Dioxane-d8	8	5.75	72		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		20	140
PB164747BS	PB164747BS	BN035005.D	1,4-Dioxane-d8	0.8	0.83	103		15	120
			Fluoranthene-d10	0.4	0.54	135	*	30	130
			2-Methylnaphthalene-d10	0.4	0.52	129		20	140

Surrogate Summary

SW-846

SDG No.: BN111124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4744-02	GCP56	BN035001.D	1,4-Dioxane-d8	8	4.86	61		15	120
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN111124

Lab Code: CHEM

SAS No.: BN111124 SDG NO.: BN111124

Lab File ID: BN034995.D

DFTPP Injection Date: 11/11/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.7
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	32.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	38.8
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
275	10.0 - 60.0% of mass 198	29.3
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	10.1
442	Greater than 50% of mass 198	60.6
443	15.0 - 24.0% of mass 442	12.1 (20) 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
SSTD0.4331	SSTDCCC0.4	BN034996.D	11/11/2024	09:48
SBLK722	PB164722BL	BN034997.D	11/11/2024	10:24
C0PI7	P4636-01	BN034998.D	11/11/2024	11:00
CC0P0	P4636-02	BN034999.D	11/11/2024	11:36
CC0R1	P4636-17	BN035000.D	11/11/2024	12:12
GCP56	P4744-02	BN035001.D	11/11/2024	12:48
CC0Q9	P4636-15	BN035002.D	11/11/2024	13:24
CC0P6	P4636-07	BN035003.D	11/11/2024	14:00
SBLK747	PB164747BL	BN035004.D	11/11/2024	14:36
SLCS747	PB164747BS	BN035005.D	11/11/2024	15:13
CC0R6	P4637-01	BN035006.D	11/11/2024	15:49
CC0R0	P4636-16	BN035007.D	11/11/2024	16:25
CC0Q4	P4636-12	BN035008.D	11/11/2024	17:01
SSTD0.4332	SSTDCCC0.4	BN035009.D	11/11/2024	17:37
SBLK729	PB164729BL	BN035010.D	11/11/2024	18:13
CC0Q3	P4636-11	BN035011.D	11/11/2024	18:50
CC0P2	P4636-05	BN035012.D	11/11/2024	19:26
CC0P4	P4636-06	BN035013.D	11/11/2024	20:02

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN111124

Lab Code: CHEM

SAS No.: BN111124 SDG NO.: BN111124

Lab File ID: BN034995.D

DFTPP Injection Date: 11/11/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.7
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	32.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	38.8
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
275	10.0 - 60.0% of mass 198	29.3
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	10.1
442	Greater than 50% of mass 198	60.6
443	15.0 - 24.0% of mass 442	12.1 (20) 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
CC0Q2	P4636-10	BN035014.D	11/11/2024	20:38
CC0P8	P4636-08	BN035015.D	11/11/2024	21:14
C0AF2	P4717-09	BN035016.D	11/11/2024	21:50
C0AF3	P4717-10	BN035017.D	11/11/2024	22:26
CC0Q0	P4636-09	BN035018.D	11/11/2024	23:02
CC0Q5	P4636-13	BN035019.D	11/11/2024	23:38
CC0Q7	P4636-14	BN035020.D	11/12/2024	00:14
CC0R8	P4636-19	BN035021.D	11/12/2024	00:50
CC0R2	P4636-18	BN035022.D	11/12/2024	01:26
C0AF0	P4717-07	BN035023.D	11/12/2024	02:02
C0AF1	P4717-08	BN035024.D	11/12/2024	02:38
SLCS722	PB164722BS	BN035025.D	11/12/2024	03:14
SSTD0.4333	SSTDCCC0.4	BN035026.D	11/12/2024	04:26
SBLK731	PB164731BL	BN035027.D	11/12/2024	05:02
C0AE2	P4668-06	BN035028.D	11/12/2024	05:38
C0AE7	P4717-04	BN035029.D	11/12/2024	06:14
C0AG0	P4714-05	BN035030.D	11/12/2024	06:50
C0AF5	P4714-03	BN035031.D	11/12/2024	07:26

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN111124

Lab Code: CHEM

SAS No.: BN111124

SDG NO.: BN111124

Lab File ID: BN034995.D

DFTPP Injection Date: 11/11/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.7
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	32.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	38.8
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
275	10.0 - 60.0% of mass 198	29.3
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	10.1
442	Greater than 50% of mass 198	60.6
443	15.0 - 24.0% of mass 442	12.1 (20) 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
C0AG2	P4714-06	BN035032.D	11/12/2024	08:02