

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN121024 SAS No.: BN121024 SDG No.: BN121024

Instrument ID: BNA_N Calibration Date/Time: 12/10/2024 : 15:30

Lab File ID: BN035532.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4359 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.366	0.432	0.010	18.1897	40.0
1,4-Dioxane	0.397	0.481	0.010	21.2834	40.0
Naphthalene	1.008	1.072	0.600	6.3893	30.0
1-Methylnaphthalene	0.705	0.737	0.300	4.4963	30.0
2-Methylnaphthalene	0.699	0.710	0.300	1.5726	30.0
Acenaphthylene	1.587	1.689	0.900	6.4589	30.0
Acenaphthene	1.214	1.326	0.500	9.2297	30.0
Fluorene	1.425	1.508	0.700	5.8021	30.0
Pentachlorophenol	0.093	0.104	0.010	11.8036	50.0
Phenanthrene	1.057	1.131	0.300	6.9231	30.0
Anthracene	0.981	0.996	0.400	1.5288	30.0
Fluoranthene	1.393	1.669	0.400	19.8346	30.0
Pyrene	1.449	1.787	0.500	23.2709	30.0
Benzo (a) anthracene	1.388	1.420	0.400	2.311	30.0
Chrysene	1.397	1.562	0.400	11.8062	30.0
Benzo (b) fluoranthene	1.322	1.380	0.200	4.408	30.0
Benzo (k) fluoranthene	1.363	1.588	0.200	16.4682	30.0
Benzo (a) pyrene	1.208	1.282	0.200	6.1055	30.0
Indeno (1,2,3-cd) pyrene	1.632	1.759	0.200	7.7934	30.0
Dibenzo (a,h) anthracene	1.279	1.229	0.200	-3.9076	30.0
Benzo (g,h,i) perylene	1.287	1.326	0.200	3.0232	30.0
Fluoranthene-d10	1.104	1.273	0.400	15.3343	30.0
2-Methylnaphthalene-d10	0.586	0.575	0.300	-1.9479	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.: BN121024 SAS No.: BN121024 SDG No.: BN121024

Instrument ID: BNA_N Calibration Date/Time: 12/11/2024 : 01:42

Lab File ID: BN035548.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4360 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.397	0.453	0.010	14.0631	40.0
1,4-Dioxane-d8	0.366	0.410	0.010	12.2106	40.0
Naphthalene	1.008	1.049	0.600	4.0798	30.0
1-Methylnaphthalene	0.705	0.744	0.300	5.4254	30.0
2-Methylnaphthalene	0.699	0.713	0.300	2.0057	30.0
Acenaphthylene	1.587	1.666	0.900	5.0059	30.0
Acenaphthene	1.214	1.319	0.500	8.6238	30.0
Fluorene	1.425	1.471	0.700	3.2189	30.0
Pentachlorophenol	0.093	0.076	0.010	-18.735	50.0
Phenanthrene	1.057	1.135	0.300	7.3501	30.0
Anthracene	0.981	0.971	0.400	-1.0787	30.0
Fluoranthene	1.393	1.765	0.400	26.7473	30.0
Pyrene	1.449	1.822	0.500	25.7327	30.0
Benzo (a) anthracene	1.388	1.373	0.400	-1.0567	30.0
Chrysene	1.397	1.574	0.400	12.6637	30.0
Benzo (b) fluoranthene	1.322	1.374	0.200	3.9242	30.0
Benzo (k) fluoranthene	1.363	1.493	0.200	9.5396	30.0
Benzo (a) pyrene	1.208	1.254	0.200	3.7989	30.0
Indeno (1,2,3-cd) pyrene	1.632	1.850	0.200	13.3911	30.0
Dibenzo (a,h) anthracene	1.279	1.345	0.200	5.1352	30.0
Benzo (g,h,i) perylene	1.287	1.396	0.200	8.4582	30.0
Fluoranthene-d10	1.104	1.331	0.400	20.5741	30.0
2-Methylnaphthalene-d10	0.586	0.579	0.300	-1.2187	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.: BN121024 SAS No.: BN121024 SDG No.: BN121024

Instrument ID: BNA_N Calibration Date/Time: 12/11/2024 : 11:51

Lab File ID: BN035561.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4361 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.366	0.336	0.010	-8.0582	40.0
1,4-Dioxane	0.397	0.439	0.010	10.5905	40.0
Naphthalene	1.008	0.985	0.600	-2.2912	30.0
1-Methylnaphthalene	0.705	0.695	0.300	-1.4259	30.0
2-Methylnaphthalene	0.699	0.685	0.300	-1.9545	30.0
Acenaphthylene	1.587	1.629	0.900	2.6683	30.0
Acenaphthene	1.214	1.227	0.500	1.0454	30.0
Fluorene	1.425	1.413	0.700	-0.8106	30.0
Pentachlorophenol	0.093	0.128	0.010	37.5929	50.0
Phenanthrene	1.057	1.064	0.300	0.6451	30.0
Anthracene	0.981	1.027	0.400	4.6143	30.0
Fluoranthene	1.393	1.315	0.400	-5.5504	30.0
Pyrene	1.449	1.422	0.500	-1.8616	30.0
Benzo (a) anthracene	1.388	1.426	0.400	2.7656	30.0
Chrysene	1.397	1.415	0.400	1.2926	30.0
Benzo (b) fluoranthene	1.322	1.245	0.200	-5.8429	30.0
Benzo (k) fluoranthene	1.363	1.321	0.200	-3.1007	30.0
Benzo (a) pyrene	1.208	1.204	0.200	-0.344	30.0
Indeno (1,2,3-cd) pyrene	1.632	1.596	0.200	-2.2145	30.0
Dibenzo (a,h) anthracene	1.279	1.221	0.200	-4.5341	30.0
Benzo (g,h,i) perylene	1.287	1.266	0.200	-1.5975	30.0
Fluoranthene-d10	1.104	1.073	0.400	-2.7928	30.0
2-Methylnaphthalene-d10	0.586	0.595	0.300	1.4923	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.: BN121024 SAS No.: BN121024 SDG No.: BN121024

Instrument ID: BNA_N Calibration Date/Time: 12/11/2024 : 22:06

Lab File ID: BN035577.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4362 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.366	0.391	0.010	7.0576	50.0
1,4-Dioxane	0.397	0.420	0.010	5.9152	50.0
Naphthalene	1.008	1.013	0.600	0.5703	50.0
1-Methylnaphthalene	0.705	0.724	0.300	2.5762	50.0
2-Methylnaphthalene	0.699	0.704	0.300	0.7048	50.0
Acenaphthylene	1.587	1.637	0.900	3.1532	50.0
Acenaphthene	1.214	1.264	0.500	4.1396	50.0
Fluorene	1.425	1.429	0.700	0.2828	50.0
Pentachlorophenol	0.093	0.095	0.010	2.0254	50.0
Phenanthrene	1.057	1.087	0.300	2.8366	50.0
Anthracene	0.981	0.958	0.400	-2.4202	50.0
Fluoranthene	1.393	1.457	0.400	4.6181	50.0
Pyrene	1.449	1.535	0.500	5.9084	50.0
Benzo (a) anthracene	1.388	1.359	0.400	-2.0706	50.0
Chrysene	1.397	1.453	0.400	4.02	50.0
Benzo (b) fluoranthene	1.322	1.321	0.200	-0.1219	50.0
Benzo (k) fluoranthene	1.363	1.476	0.200	8.2901	50.0
Benzo (a) pyrene	1.208	1.207	0.200	-0.0856	50.0
Indeno (1,2,3-cd) pyrene	1.632	1.502	0.200	-7.9469	50.0
Dibenzo (a,h) anthracene	1.279	1.062	0.200	-17.0221	50.0
Benzo (g,h,i) perylene	1.287	1.078	0.200	-16.2092	50.0
Fluoranthene-d10	1.104	1.146	0.400	3.8774	50.0
2-Methylnaphthalene-d10	0.586	0.598	0.300	2.0967	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK441	SDG No.:	BN121024
Lab Sample ID:	PB165441BL	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
BN035533.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

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	6.731		15-120		84	SPK: -8
93951-69-0	Fluoranthene-d10	0.324		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.27		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2197		7.293			
1146-65-2	Naphthalene-d8	5713		10.037			
15067-26-2	Acenaphthene-d10	3572		13.954			

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK441	SDG No.:	BN121024
Lab Sample ID:	PB165441BL	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
BN035533.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8072	16.717				
1719-03-5	Chrysene-d12	6060	20.964				
1520-96-3	Perylene-d12	5287	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M8	SDG No.:	BN121024
Lab Sample ID:	P5066-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.9
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
BN035534.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

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	0.42	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	0.54	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	0.58	U	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	1.5	J	0.78	0.94	3.8	ug/Kg
129-00-0	Pyrene	1.7	J	0.6	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.48	U	0.48	0.94	3.8	ug/Kg
218-01-9	Chrysene	1.1	J	0.48	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.6	J	0.24	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.88	J	0.45	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.41	U	0.41	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.98	U	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	3.936		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.228		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.189		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2772		7.293			
1146-65-2	Naphthalene-d8	7301		10.036			
15067-26-2	Acenaphthene-d10	4443		13.949			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M8	SDG No.:	BN121024
Lab Sample ID:	P5066-09	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
BN035534.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9443	16.717				
1719-03-5	Chrysene-d12	7252	20.964				
1520-96-3	Perylene-d12	6807	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N7	SDG No.:	BN121024
Lab Sample ID:	P5066-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.8
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
BN035535.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

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	1.3	J	0.41	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	3.6		0.94	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	4.1		0.38	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	0.52	U	0.52	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	0.43	U	0.43	0.91	3.6	ug/Kg
86-73-7	Fluorene	0.85	J	0.75	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.9	7.4	ug/Kg
85-01-8	Phenanthrene	4.4		0.56	0.91	3.6	ug/Kg
120-12-7	Anthracene	0.57	U	0.57	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	1.1	J	0.75	0.91	3.6	ug/Kg
129-00-0	Pyrene	2.1	J	0.57	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.46	U	0.46	0.91	3.6	ug/Kg
218-01-9	Chrysene	3.3	J	0.46	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.3	J	0.23	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.43	U	0.43	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.95	U	0.95	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.98	U	0.98	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.7	J	1.1	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.529		15-120		69	SPK: -8
93951-69-0	Fluoranthene-d10	0.412		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.334		20-140		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3234		7.293			
1146-65-2	Naphthalene-d8	9066		10.036			
15067-26-2	Acenaphthene-d10	6117		13.949			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N7	SDG No.:	BN121024
Lab Sample ID:	P5066-19	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.8
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
BN035535.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12384	16.717				
1719-03-5	Chrysene-d12	8043	20.961				
1520-96-3	Perylene-d12	7522	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N4	SDG No.:	BN121024
Lab Sample ID:	P5066-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	48.6
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
BN035536.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1	U	2.1	0	13	ug/Kg
91-20-3	Naphthalene	1.7	J	0.72	1.6	6.4	ug/Kg
90-12-0	1-Methylnaphthalene	1.6	J	1.6	1.6	6.4	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	J	0.66	1.6	6.4	ug/Kg
208-96-8	Acenaphthylene	0.91	U	0.91	1.6	6.4	ug/Kg
83-32-9	Acenaphthene	0.76	U	0.76	1.6	6.4	ug/Kg
86-73-7	Fluorene	1.3	U	1.3	1.6	6.4	ug/Kg
87-86-5	Pentachlorophenol	2.7	U	2.7	3.2	13	ug/Kg
85-01-8	Phenanthrene	3.9	J	0.99	1.6	6.4	ug/Kg
120-12-7	Anthracene	1	U	1	1.6	6.4	ug/Kg
206-44-0	Fluoranthene	3.7	J	1.3	1.6	6.4	ug/Kg
129-00-0	Pyrene	3.3	J	1	1.6	6.4	ug/Kg
56-55-3	Benzo(a)anthracene	1.3	J	0.81	1.6	6.4	ug/Kg
218-01-9	Chrysene	2.1	J	0.81	1.6	6.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.9	J	0.41	1.6	6.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.4	J	0.76	1.6	6.4	ug/Kg
50-32-8	Benzo(a)pyrene	1.7	J	0.7	1.6	6.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.7	U	1.7	1.6	6.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.7	U	1.7	1.6	6.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	1.6	6.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.81		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.17		30-130		43	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.167		20-140		42	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2923		7.292			
1146-65-2	Naphthalene-d8	7929		10.036			
15067-26-2	Acenaphthene-d10	4810		13.949			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N4	SDG No.:	BN121024
Lab Sample ID:	P5066-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	48.6
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
BN035536.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9844	16.717				
1719-03-5	Chrysene-d12	7827	20.961				
1520-96-3	Perylene-d12	7462	23.047				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	2.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N5	SDG No.:	BN121024
Lab Sample ID:	P5066-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.6
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
BN035537.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.7	ug/Kg
91-20-3	Naphthalene	1.7	J	0.48	1.1	4.3	ug/Kg
90-12-0	1-Methylnaphthalene	1.2	J	1.1	1.1	4.3	ug/Kg
91-57-6	2-Methylnaphthalene	1.7	J	0.44	1.1	4.3	ug/Kg
208-96-8	Acenaphthylene	0.61	U	0.61	1.1	4.3	ug/Kg
83-32-9	Acenaphthene	0.51	U	0.51	1.1	4.3	ug/Kg
86-73-7	Fluorene	0.89	U	0.89	1.1	4.3	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.2	8.7	ug/Kg
85-01-8	Phenanthrene	4.6		0.67	1.1	4.3	ug/Kg
120-12-7	Anthracene	0.68	U	0.68	1.1	4.3	ug/Kg
206-44-0	Fluoranthene	12		0.89	1.1	4.3	ug/Kg
129-00-0	Pyrene	11		0.68	1.1	4.3	ug/Kg
56-55-3	Benzo(a)anthracene	4.5		0.55	1.1	4.3	ug/Kg
218-01-9	Chrysene	6.1		0.55	1.1	4.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	10		0.27	1.1	4.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.1	J	0.51	1.1	4.3	ug/Kg
50-32-8	Benzo(a)pyrene	7.5		0.47	1.1	4.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4	J	1.1	1.1	4.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	1.1	4.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.6		1.3	1.1	4.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.879		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.324		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.299		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3276		7.293			
1146-65-2	Naphthalene-d8	9454		10.037			
15067-26-2	Acenaphthene-d10	6298		13.949			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N5	SDG No.:	BN121024
Lab Sample ID:	P5066-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.6
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
BN035537.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13273	16.717				
1719-03-5	Chrysene-d12	8460	20.958				
1520-96-3	Perylene-d12	7104	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M4	SDG No.:	BN121024
Lab Sample ID:	P5066-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035538.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

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	0.86	J	0.4	0.89	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.92	U	0.92	0.89	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.93	J	0.37	0.89	3.6	ug/Kg
208-96-8	Acenaphthylene	3.2	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	0.73	U	0.73	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	2.3	J	0.55	0.89	3.6	ug/Kg
120-12-7	Anthracene	2.8	J	0.56	0.89	3.6	ug/Kg
206-44-0	Fluoranthene	12		0.73	0.89	3.6	ug/Kg
129-00-0	Pyrene	14		0.56	0.89	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.45	0.89	3.6	ug/Kg
218-01-9	Chrysene	16		0.45	0.89	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	35		0.23	0.89	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.42	0.89	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	18		0.39	0.89	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11		0.93	0.89	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.5	J	0.96	0.89	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14		1.1	0.89	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.888		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.235		30-130		59	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.206		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3322		7.293			
1146-65-2	Naphthalene-d8	8988		10.037			
15067-26-2	Acenaphthene-d10	5477		13.949			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M4	SDG No.:	BN121024
Lab Sample ID:	P5066-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.5
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
BN035538.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11233	16.717				
1719-03-5	Chrysene-d12	9040	20.961				
1520-96-3	Perylene-d12	8673	23.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M6	SDG No.:	BN121024
Lab Sample ID:	P5066-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.3
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
BN035539.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.4	ug/Kg
91-20-3	Naphthalene	0.41	U	0.41	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.93	U	0.93	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.37	U	0.37	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	1.2	J	0.52	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	0.43	U	0.43	0.91	3.6	ug/Kg
86-73-7	Fluorene	0.75	U	0.75	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	2.4	J	0.56	0.91	3.6	ug/Kg
120-12-7	Anthracene	2.9	J	0.57	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	19		0.75	0.91	3.6	ug/Kg
129-00-0	Pyrene	18		0.57	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	12		0.46	0.91	3.6	ug/Kg
218-01-9	Chrysene	14		0.46	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	21		0.23	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	7.4		0.43	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	11		0.4	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.7		0.95	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.9	J	0.98	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6		1.1	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.558		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.233		30-130		58	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.191		20-140		48	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3170		7.293			
1146-65-2	Naphthalene-d8	9191		10.036			
15067-26-2	Acenaphthene-d10	6096		13.949			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M6	SDG No.:	BN121024
Lab Sample ID:	P5066-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.3
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
BN035539.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12458	16.717				
1719-03-5	Chrysene-d12	8104	20.958				
1520-96-3	Perylene-d12	6935	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M7	SDG No.:	BN121024
Lab Sample ID:	P5066-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.4
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
BN035540.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

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	0.91	J	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	1.9	J	0.56	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	1.5	J	0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.8	J	0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.43	U	0.43	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	1.2	J	1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.815		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.286		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.249		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3013		7.293			
1146-65-2	Naphthalene-d8	8312		10.037			
15067-26-2	Acenaphthene-d10	5253		13.949			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M7	SDG No.:	BN121024
Lab Sample ID:	P5066-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.4
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
BN035540.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11091	16.717				
1719-03-5	Chrysene-d12	8277	20.961				
1520-96-3	Perylene-d12	8063	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28M9	SDG No.:	BN121024
Lab Sample ID:	P5066-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.1
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
BN035541.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.5	ug/Kg
91-20-3	Naphthalene	1.6	J	0.47	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	1.4	J	1.1	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	J	0.43	1	4.2	ug/Kg
208-96-8	Acenaphthylene	0.6	U	0.6	1	4.2	ug/Kg
83-32-9	Acenaphthene	0.49	U	0.49	1	4.2	ug/Kg
86-73-7	Fluorene	0.86	U	0.86	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	3.8	J	0.65	1	4.2	ug/Kg
120-12-7	Anthracene	0.66	U	0.66	1	4.2	ug/Kg
206-44-0	Fluoranthene	7.8		0.86	1	4.2	ug/Kg
129-00-0	Pyrene	6.7		0.66	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	2.7	J	0.53	1	4.2	ug/Kg
218-01-9	Chrysene	3.9	J	0.53	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.1		0.27	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.3	J	0.49	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	4.3		0.46	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.5	J	1.1	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.3	J	1.2	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.937		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.236		30-130		59	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.211		20-140		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3100		7.293			
1146-65-2	Naphthalene-d8	8801		10.037			
15067-26-2	Acenaphthene-d10	5548		13.949			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28M9	SDG No.:	BN121024
Lab Sample ID:	P5066-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.1
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
BN035541.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10938	16.717				
1719-03-5	Chrysene-d12	7457	20.961				
1520-96-3	Perylene-d12	6944	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N0	SDG No.:	BN121024
Lab Sample ID:	P5066-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.5
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
BN035542.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

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	0.76	J	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	0.44	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	1.6	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	2.7	J	0.77	0.94	3.8	ug/Kg
129-00-0	Pyrene	2.2	J	0.59	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.95	J	0.48	0.94	3.8	ug/Kg
218-01-9	Chrysene	1.9	J	0.48	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.2	J	0.24	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.91	J	0.44	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.41	U	0.41	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.98	U	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	1.4	J	1.1	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.572		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.425		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.34		20-140		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3513		7.293			
1146-65-2	Naphthalene-d8	10380		10.037			
15067-26-2	Acenaphthene-d10	6701		13.949			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N0	SDG No.:	BN121024
Lab Sample ID:	P5066-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.5
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
BN035542.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13610	16.717				
1719-03-5	Chrysene-d12	8629	20.958				
1520-96-3	Perylene-d12	7837	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N6	SDG No.:	BN121024
Lab Sample ID:	P5066-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
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
BN035543.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.2	ug/Kg
91-20-3	Naphthalene	0.45	U	0.45	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	0.42	U	0.42	1	4.1	ug/Kg
208-96-8	Acenaphthylene	0.58	U	0.58	1	4.1	ug/Kg
83-32-9	Acenaphthene	0.48	U	0.48	1	4.1	ug/Kg
86-73-7	Fluorene	0.84	U	0.84	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	0.94	J	0.63	1	4.1	ug/Kg
120-12-7	Anthracene	0.64	U	0.64	1	4.1	ug/Kg
206-44-0	Fluoranthene	1.9	J	0.84	1	4.1	ug/Kg
129-00-0	Pyrene	1.6	J	0.64	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	0.52	U	0.52	1	4.1	ug/Kg
218-01-9	Chrysene	0.9	J	0.52	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.5	J	0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	0.44	U	0.44	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.318		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.219		30-130		55	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.18		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3422		7.293			
1146-65-2	Naphthalene-d8	9774		10.036			
15067-26-2	Acenaphthene-d10	6418		13.949			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N6	SDG No.:	BN121024
Lab Sample ID:	P5066-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.6
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
BN035543.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12879	16.717				
1719-03-5	Chrysene-d12	8324	20.961				
1520-96-3	Perylene-d12	7607	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M3	SDG No.:	BN121024
Lab Sample ID:	P5066-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.1
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
BN035544.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.4	ug/Kg
91-20-3	Naphthalene	0.41	U	0.41	0.91	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.94	U	0.94	0.91	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.38	U	0.38	0.91	3.7	ug/Kg
208-96-8	Acenaphthylene	0.52	U	0.52	0.91	3.7	ug/Kg
83-32-9	Acenaphthene	0.43	U	0.43	0.91	3.7	ug/Kg
86-73-7	Fluorene	0.75	U	0.75	0.91	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.4	ug/Kg
85-01-8	Phenanthrene	1	J	0.57	0.91	3.7	ug/Kg
120-12-7	Anthracene	0.58	U	0.58	0.91	3.7	ug/Kg
206-44-0	Fluoranthene	0.75	U	0.75	0.91	3.7	ug/Kg
129-00-0	Pyrene	0.58	U	0.58	0.91	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.47	U	0.47	0.91	3.7	ug/Kg
218-01-9	Chrysene	0.78	J	0.47	0.91	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.23	U	0.23	0.91	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.43	U	0.43	0.91	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	0.91	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.95	U	0.95	0.91	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.99	U	0.99	0.91	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.91	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.089		15-120		89	SPK: -8
93951-69-0	Fluoranthene-d10	0.529	*	30-130		132	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.408		20-140		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2966		7.293			
1146-65-2	Naphthalene-d8	8454		10.036			
15067-26-2	Acenaphthene-d10	5578		13.949			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M3	SDG No.:	BN121024
Lab Sample ID:	P5066-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.1
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
BN035544.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11215	16.717				
1719-03-5	Chrysene-d12	7359	20.958				
1520-96-3	Perylene-d12	6428	23.045				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N2	SDG No.:	BN121024
Lab Sample ID:	P5066-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035545.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.3	ug/Kg
91-20-3	Naphthalene	1.6	J	0.46	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	0.42	U	0.42	1	4.1	ug/Kg
208-96-8	Acenaphthylene	0.58	U	0.58	1	4.1	ug/Kg
83-32-9	Acenaphthene	0.48	U	0.48	1	4.1	ug/Kg
86-73-7	Fluorene	0.84	U	0.84	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2.1	8.3	ug/Kg
85-01-8	Phenanthrene	4.2		0.63	1	4.1	ug/Kg
120-12-7	Anthracene	6.6		0.64	1	4.1	ug/Kg
206-44-0	Fluoranthene	6.2		0.84	1	4.1	ug/Kg
129-00-0	Pyrene	5.3		0.64	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	1.7	J	0.52	1	4.1	ug/Kg
218-01-9	Chrysene	2.3	J	0.52	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	3.4	J	0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.5	J	0.48	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	2.1	J	0.44	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	J	1.1	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.6	J	1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.101		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.268		30-130		67	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.224		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3054		7.293			
1146-65-2	Naphthalene-d8	8731		10.036			
15067-26-2	Acenaphthene-d10	5812		13.949			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N2	SDG No.:	BN121024
Lab Sample ID:	P5066-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.1
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
BN035545.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11785	16.717				
1719-03-5	Chrysene-d12	7436	20.961				
1520-96-3	Perylene-d12	6890	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS441	SDG No.:	BN121024
Lab Sample ID:	PB165441BS	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
BN035546.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	57		1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	12		0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	11		0.34	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	11		0.47	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	12		0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	11		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	20		1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	12		0.51	0.83	3.3	ug/Kg
120-12-7	Anthracene	11		0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	14		0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	14		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	13		0.42	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	12		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	13		0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	12		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	11		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	0.657		15-120		82	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.44		30-130		110	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.349		20-140		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3178	7.293				
1146-65-2	Naphthalene-d8	8889	10.037				
15067-26-2	Acenaphthene-d10	6089	13.949				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS441	SDG No.:	BN121024
Lab Sample ID:	PB165441BS	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
BN035546.D	1	12/5/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12776	16.717				
1719-03-5	Chrysene-d12	8032	20.961				
1520-96-3	Perylene-d12	7617	23.051				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS439	SDG No.:	BN121024
Lab Sample ID:	PB165439BS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035547.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1800		1.1	0	190	ug/Kg
91-20-3	Naphthalene	360		0.36	24	97	ug/Kg
90-12-0	1-Methylnaphthalene	360		0.83	24	97	ug/Kg
91-57-6	2-Methylnaphthalene	340		0.33	24	97	ug/Kg
208-96-8	Acenaphthylene	360		0.46	24	97	ug/Kg
83-32-9	Acenaphthene	370		0.38	24	97	ug/Kg
86-73-7	Fluorene	340		0.66	24	97	ug/Kg
87-86-5	Pentachlorophenol	610		1.4	48.8	190	ug/Kg
85-01-8	Phenanthrene	370		0.5	24	97	ug/Kg
120-12-7	Anthracene	340		0.5	24	97	ug/Kg
206-44-0	Fluoranthene	420		0.66	24	97	ug/Kg
129-00-0	Pyrene	420		0.5	24	97	ug/Kg
56-55-3	Benzo(a)anthracene	340		0.41	24	97	ug/Kg
218-01-9	Chrysene	400		0.41	24	97	ug/Kg
205-99-2	Benzo(b)fluoranthene	370		0.2	24	97	ug/Kg
207-08-9	Benzo(k)fluoranthene	410		0.38	24	97	ug/Kg
50-32-8	Benzo(a)pyrene	370		0.35	24	97	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400		0.83	24	97	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	360		0.86	24	97	ug/Kg
191-24-2	Benzo(g,h,i)perylene	390		0.95	24	97	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.738		15-120		92	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.445		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.373		20-140		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2685		7.293			
1146-65-2	Naphthalene-d8	7128		10.036			
15067-26-2	Acenaphthene-d10	4572		13.949			

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SLCS439	SDG No.:	BN121024
Lab Sample ID:	PB165439BS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035547.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9034	16.717				
1719-03-5	Chrysene-d12	5892	20.961				
1520-96-3	Perylene-d12	6150	23.051				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK441	SDG No.:	BN121024
Lab Sample ID:	PB165441BL	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
BN035549.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

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	6.673		15-120		83	SPK: -8
93951-69-0	Fluoranthene-d10	0.331		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.271		20-140		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2561	7.289				
1146-65-2	Naphthalene-d8	6800	10.037				
15067-26-2	Acenaphthene-d10	4254	13.949				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK441	SDG No.:	BN121024
Lab Sample ID:	PB165441BL	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
BN035549.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8806	16.717				
1719-03-5	Chrysene-d12	6158	20.961				
1520-96-3	Perylene-d12	5915	23.051				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK439	SDG No.:	BN121024
Lab Sample ID:	PB165439BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035550.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	200	ug/Kg
91-20-3	Naphthalene	0.36	U	0.36	24.3	98	ug/Kg
90-12-0	1-Methylnaphthalene	0.83	U	0.83	24.3	98	ug/Kg
91-57-6	2-Methylnaphthalene	0.33	U	0.33	24.3	98	ug/Kg
208-96-8	Acenaphthylene	0.46	U	0.46	24.3	98	ug/Kg
83-32-9	Acenaphthene	0.38	U	0.38	24.3	98	ug/Kg
86-73-7	Fluorene	0.67	U	0.67	24.3	98	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	49.3	200	ug/Kg
85-01-8	Phenanthrene	0.5	U	0.5	24.3	98	ug/Kg
120-12-7	Anthracene	0.51	U	0.51	24.3	98	ug/Kg
206-44-0	Fluoranthene	0.67	U	0.67	24.3	98	ug/Kg
129-00-0	Pyrene	0.51	U	0.51	24.3	98	ug/Kg
56-55-3	Benzo(a)anthracene	0.41	U	0.41	24.3	98	ug/Kg
218-01-9	Chrysene	0.41	U	0.41	24.3	98	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.21	24.3	98	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.38	U	0.38	24.3	98	ug/Kg
50-32-8	Benzo(a)pyrene	0.35	U	0.35	24.3	98	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.84	U	0.84	24.3	98	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.87	U	0.87	24.3	98	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.96	U	0.96	24.3	98	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.928		15-120		87	SPK: -8
93951-69-0	Fluoranthene-d10	0.342		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2486		7.293			
1146-65-2	Naphthalene-d8	6501		10.037			
15067-26-2	Acenaphthene-d10	4057		13.949			

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	SBLK439	SDG No.:	BN121024
Lab Sample ID:	PB165439BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035550.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8694	16.717				
1719-03-5	Chrysene-d12	6486	20.964				
1520-96-3	Perylene-d12	6184	23.048				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8	SDG No.:	BN121024
Lab Sample ID:	P5066-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.9
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
BN035551.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

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	1.4	J	0.47	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	3.9	J	1.1	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	5		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	0.94	J	0.5	1.1	4.2	ug/Kg
86-73-7	Fluorene	5.8		0.87	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.1	8.6	ug/Kg
85-01-8	Phenanthrene	30		0.65	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	9.8		0.87	1.1	4.2	ug/Kg
129-00-0	Pyrene	9.1		0.67	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	2.6	J	0.54	1.1	4.2	ug/Kg
218-01-9	Chrysene	12		0.54	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.27	U	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	1.1	U	1.1	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	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	5.432		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.434		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.307		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3205		7.293			
1146-65-2	Naphthalene-d8	8383		10.037			
15067-26-2	Acenaphthene-d10	5291		13.949			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8	SDG No.:	BN121024
Lab Sample ID:	P5066-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035551.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10917	16.717				
1719-03-5	Chrysene-d12	8063	20.961				
1520-96-3	Perylene-d12	7904	23.057				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8MS	SDG No.:	BN121024
Lab Sample ID:	P5066-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.9
Sample Wt/Vol:	30.09	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
BN035552.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	52		1.4	0	8.6	ug/Kg
91-20-3	Naphthalene	14		0.47	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	17		1.1	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	18		0.43	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	14		0.6	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	14		0.5	1.1	4.2	ug/Kg
86-73-7	Fluorene	17		0.87	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.1	8.6	ug/Kg
85-01-8	Phenanthrene	43		0.65	1.1	4.2	ug/Kg
120-12-7	Anthracene	15		0.66	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	28		0.87	1.1	4.2	ug/Kg
129-00-0	Pyrene	28		0.66	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	17		0.54	1.1	4.2	ug/Kg
218-01-9	Chrysene	27		0.54	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	19		0.27	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	16		0.5	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	17		0.46	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	16		1.1	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14		1.1	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17		1.3	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.455		15-120		57	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.454		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.324		20-140		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3490		7.293			
1146-65-2	Naphthalene-d8	9749		10.037			
15067-26-2	Acenaphthene-d10	6337		13.949			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8MS	SDG No.:	BN121024
Lab Sample ID:	P5066-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.9
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035552.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11114	16.717				
1719-03-5	Chrysene-d12	7282	20.961				
1520-96-3	Perylene-d12	7625	23.057				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8MSD	SDG No.:	BN121024
Lab Sample ID:	P5066-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035553.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	49		1.4	0	8.6	ug/Kg
91-20-3	Naphthalene	13		0.47	1.1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	16		1.1	1.1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	17		0.43	1.1	4.2	ug/Kg
208-96-8	Acenaphthylene	13		0.6	1.1	4.2	ug/Kg
83-32-9	Acenaphthene	13		0.5	1.1	4.2	ug/Kg
86-73-7	Fluorene	16		0.87	1.1	4.2	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.1	8.6	ug/Kg
85-01-8	Phenanthrene	40		0.65	1.1	4.2	ug/Kg
120-12-7	Anthracene	14		0.66	1.1	4.2	ug/Kg
206-44-0	Fluoranthene	28		0.87	1.1	4.2	ug/Kg
129-00-0	Pyrene	27		0.66	1.1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	16		0.54	1.1	4.2	ug/Kg
218-01-9	Chrysene	25		0.54	1.1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	17		0.27	1.1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	16		0.5	1.1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	17		0.46	1.1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15		1.1	1.1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13		1.1	1.1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		1.3	1.1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.435		15-120		54	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.453		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.31		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3626	7.293				
1146-65-2	Naphthalene-d8	10477	10.036				
15067-26-2	Acenaphthene-d10	6895	13.949				

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N8MSD	SDG No.:	BN121024
Lab Sample ID:	P5066-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035553.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12206	16.717				
1719-03-5	Chrysene-d12	7363	20.964				
1520-96-3	Perylene-d12	7992	23.054				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M0	SDG No.:	BN121024
Lab Sample ID:	P5066-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.9
Sample Wt/Vol:	1.05	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035554.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	200	ug/Kg
91-20-3	Naphthalene	420		0.38	25.3	100	ug/Kg
90-12-0	1-Methylnaphthalene	1500		0.87	25.3	100	ug/Kg
91-57-6	2-Methylnaphthalene	1700	E	0.35	25.3	100	ug/Kg
208-96-8	Acenaphthylene	120		0.48	25.3	100	ug/Kg
83-32-9	Acenaphthene	200		0.4	25.3	100	ug/Kg
86-73-7	Fluorene	660		0.7	25.3	100	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	51.4	200	ug/Kg
85-01-8	Phenanthrene	6100	E	0.52	25.3	100	ug/Kg
120-12-7	Anthracene	840		0.53	25.3	100	ug/Kg
206-44-0	Fluoranthene	3100	E	0.7	25.3	100	ug/Kg
129-00-0	Pyrene	3000	E	0.53	25.3	100	ug/Kg
56-55-3	Benzo(a)anthracene	260		0.43	25.3	100	ug/Kg
218-01-9	Chrysene	1100		0.43	25.3	100	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.21	U	0.21	25.3	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.4	U	0.4	25.3	100	ug/Kg
50-32-8	Benzo(a)pyrene	0.37	U	0.37	25.3	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.88	U	0.88	25.3	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.91	U	0.91	25.3	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1	U	1	25.3	100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.112		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.32		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.227		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3471		7.292			
1146-65-2	Naphthalene-d8	9779		10.035			
15067-26-2	Acenaphthene-d10	6054		13.947			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M0	SDG No.:	BN121024
Lab Sample ID:	P5066-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.9
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035554.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10230	16.716				
1719-03-5	Chrysene-d12	6662	20.965				
1520-96-3	Perylene-d12	7108	23.067				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M2	SDG No.:	BN121024
Lab Sample ID:	P5066-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.4
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
BN035555.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

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	230	E	0.44	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	480	E	1	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	710	E	0.4	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	22		0.56	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	57		0.46	0.98	3.9	ug/Kg
86-73-7	Fluorene	210	E	0.8	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	7.9	ug/Kg
85-01-8	Phenanthrene	1200	E	0.6	0.98	3.9	ug/Kg
120-12-7	Anthracene	390	E	0.61	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	430	E	0.8	0.98	3.9	ug/Kg
129-00-0	Pyrene	460	E	0.61	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	55		0.5	0.98	3.9	ug/Kg
218-01-9	Chrysene	72	E	0.5	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	33		0.25	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.4		0.46	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.43	U	0.43	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		1	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16		1.2	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.848		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.317		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.287		20-140		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2801		7.293			
1146-65-2	Naphthalene-d8	7870		10.036			
15067-26-2	Acenaphthene-d10	5876		13.949			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M2	SDG No.:	BN121024
Lab Sample ID:	P5066-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.4
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
BN035555.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9560	16.717				
1719-03-5	Chrysene-d12	6783	20.967				
1520-96-3	Perylene-d12	7258	23.074				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M5	SDG No.:	BN121024
Lab Sample ID:	P5066-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4.2
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
BN035556.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

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	1	J	0.39	0.86	3.4	ug/Kg
90-12-0	1-Methylnaphthalene	1	J	0.89	0.86	3.4	ug/Kg
91-57-6	2-Methylnaphthalene	1.3	J	0.35	0.86	3.4	ug/Kg
208-96-8	Acenaphthylene	1.6	J	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	3.2	J	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	11		0.71	0.86	3.4	ug/Kg
129-00-0	Pyrene	9.7		0.54	0.86	3.4	ug/Kg
56-55-3	Benzo(a)anthracene	4.8		0.44	0.86	3.4	ug/Kg
218-01-9	Chrysene	5.8		0.44	0.86	3.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	9.4		0.22	0.86	3.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.1	J	0.41	0.86	3.4	ug/Kg
50-32-8	Benzo(a)pyrene	6.3		0.38	0.86	3.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.8		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	5.3		1	0.86	3.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.512		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.29		30-130		72	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	2596		7.293			
1146-65-2	Naphthalene-d8	7942		10.037			
15067-26-2	Acenaphthene-d10	5200		13.949			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M5	SDG No.:	BN121024
Lab Sample ID:	P5066-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4.2
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
BN035556.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9814	16.717				
1719-03-5	Chrysene-d12	5479	20.964				
1520-96-3	Perylene-d12	5943	23.054				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N1	SDG No.:	BN121024
Lab Sample ID:	P5066-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.4
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
BN035557.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

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	4.1		0.4	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	17		0.93	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	21		0.37	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	1.8	J	0.51	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	0.87	J	0.43	0.9	3.6	ug/Kg
86-73-7	Fluorene	1.6	J	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	25		0.56	0.9	3.6	ug/Kg
120-12-7	Anthracene	1.4	J	0.57	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	1.9	J	0.74	0.9	3.6	ug/Kg
129-00-0	Pyrene	3.9		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	6.5		0.46	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.6	J	0.23	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.43	U	0.43	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	6.1		1.1	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.789		15-120		72	SPK: -8
93951-69-0	Fluoranthene-d10	0.625	*	30-130		156	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.49		20-140		123	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3128		7.292			
1146-65-2	Naphthalene-d8	9328		10.036			
15067-26-2	Acenaphthene-d10	6146		13.953			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N1	SDG No.:	BN121024
Lab Sample ID:	P5066-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.4
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
BN035557.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11052	16.717				
1719-03-5	Chrysene-d12	7440	20.961				
1520-96-3	Perylene-d12	7990	23.05				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N3	SDG No.:	BN121024
Lab Sample ID:	P5066-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.4
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
BN035558.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.5	ug/Kg
91-20-3	Naphthalene	1.8	J	0.41	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	33		0.95	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	17		0.38	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	5		0.52	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	3	J	0.44	0.92	3.7	ug/Kg
86-73-7	Fluorene	13		0.76	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	28		0.57	0.92	3.7	ug/Kg
120-12-7	Anthracene	5.1		0.58	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	7		0.76	0.92	3.7	ug/Kg
129-00-0	Pyrene	7.2		0.58	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	2.5	J	0.47	0.92	3.7	ug/Kg
218-01-9	Chrysene	5.5		0.47	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	3.9		0.23	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.44	U	0.44	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.5	J	0.96	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.99	U	0.99	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.3	J	1.1	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.954		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.318		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.308		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2783		7.293			
1146-65-2	Naphthalene-d8	8287		10.036			
15067-26-2	Acenaphthene-d10	6909		13.953			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N3	SDG No.:	BN121024
Lab Sample ID:	P5066-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.4
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
BN035558.D	1	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9097	16.721				
1719-03-5	Chrysene-d12	6081	20.964				
1520-96-3	Perylene-d12	6559	23.054				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M0DL	SDG No.:	BN121024
Lab Sample ID:	P5066-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.9
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035559.D	5	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.6	U	5.6	0	1000	ug/Kg
91-20-3	Naphthalene	380	JD	1.9	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	1500	D	4.3	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	1600	D	1.7	130	510	ug/Kg
208-96-8	Acenaphthylene	120	JD	2.4	130	510	ug/Kg
83-32-9	Acenaphthene	200	JD	2	130	510	ug/Kg
86-73-7	Fluorene	660	D	3.5	130	510	ug/Kg
87-86-5	Pentachlorophenol	7.2	U	7.2	260	1000	ug/Kg
85-01-8	Phenanthrene	5800	D	2.6	130	510	ug/Kg
120-12-7	Anthracene	700	D	2.7	130	510	ug/Kg
206-44-0	Fluoranthene	2700	D	3.5	130	510	ug/Kg
129-00-0	Pyrene	2700	D	2.7	130	510	ug/Kg
56-55-3	Benzo(a)anthracene	250	JD	2.1	130	510	ug/Kg
218-01-9	Chrysene	1100	D	2.1	130	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	2	U	2	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	1.8	U	1.8	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4.4	U	4.4	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.6	U	4.6	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5	U	5	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.28		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.295		30-130		74	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	2767		7.288			
1146-65-2	Naphthalene-d8	7670		10.036			
15067-26-2	Acenaphthene-d10	4831		13.949			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M0DL	SDG No.:	BN121024
Lab Sample ID:	P5066-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.9
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035559.D	5	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9471	16.717				
1719-03-5	Chrysene-d12	7467	20.964				
1520-96-3	Perylene-d12	8227	23.059				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M2DL	SDG No.:	BN121024
Lab Sample ID:	P5066-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.4
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
BN035560.D	5	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.5	U	6.5	0	40	ug/Kg
91-20-3	Naphthalene	220	D	2.2	4.9	20	ug/Kg
90-12-0	1-Methylnaphthalene	480	ED	5	4.9	20	ug/Kg
91-57-6	2-Methylnaphthalene	710	ED	2	4.9	20	ug/Kg
208-96-8	Acenaphthylene	24	D	2.8	4.9	20	ug/Kg
83-32-9	Acenaphthene	64	D	2.3	4.9	20	ug/Kg
86-73-7	Fluorene	240	D	4	4.9	20	ug/Kg
87-86-5	Pentachlorophenol	8.3	U	8.3	9.9	40	ug/Kg
85-01-8	Phenanthrene	1200	ED	3	4.9	20	ug/Kg
120-12-7	Anthracene	340	ED	3.1	4.9	20	ug/Kg
206-44-0	Fluoranthene	440	ED	4	4.9	20	ug/Kg
129-00-0	Pyrene	460	ED	3.1	4.9	20	ug/Kg
56-55-3	Benzo(a)anthracene	55	D	2.5	4.9	20	ug/Kg
218-01-9	Chrysene	70	D	2.5	4.9	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	27	D	1.2	4.9	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	10	JD	2.3	4.9	20	ug/Kg
50-32-8	Benzo(a)pyrene	2.1	U	2.1	4.9	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	8.9	JD	5.1	4.9	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5.3	U	5.3	4.9	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14	JD	5.8	4.9	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.44		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.395		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.305		20-140		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3108		7.293			
1146-65-2	Naphthalene-d8	9600		10.036			
15067-26-2	Acenaphthene-d10	6365		13.949			

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M2DL	SDG No.:	BN121024
Lab Sample ID:	P5066-03DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.4
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
BN035560.D	5	12/5/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165441

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11613	16.717				
1719-03-5	Chrysene-d12	6848	20.964				
1520-96-3	Perylene-d12	8066	23.056				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	SBLK517	SDG No.:	BN121024
Lab Sample ID:	PB165517BL	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
BN035562.D	1	12/10/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165517

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	0.285		30-130		71	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.261		30-130		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2707	7.288				
1146-65-2	Naphthalene-d8	7674	10.036				
15067-26-2	Acenaphthene-d10	4970	13.949				

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	SBLK517	SDG No.:	BN121024
Lab Sample ID:	PB165517BL	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
BN035562.D	1	12/10/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10481	16.717				
1719-03-5	Chrysene-d12	7983	20.964				
1520-96-3	Perylene-d12	8011	23.054				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	BHK72	SDG No.:	BN121024
Lab Sample ID:	P5152-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035563.D	1	12/10/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.05	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.015	U	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.014	U	0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.004	U	0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.019	U	0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.012	U	0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.023	U	0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.026	U	0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.025	U	0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.312		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.389		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2833		7.289			
1146-65-2	Naphthalene-d8	8187		10.037			
15067-26-2	Acenaphthene-d10	5484		13.949			

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	BHK72	SDG No.:	BN121024
Lab Sample ID:	P5152-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035563.D	1	12/10/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11778	16.717				
1719-03-5	Chrysene-d12	8753	20.964				
1520-96-3	Perylene-d12	8318	23.051				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	BHK72MS	SDG No.:	BN121024
Lab Sample ID:	P5152-02MS	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
BN035564.D	1	12/10/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.79		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.4		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.36		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.36		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.36		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.69		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.39		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.38		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.43		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.44		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.44		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.42		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.44		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.4		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.41		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.282		15-120		35	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.466		30-130		116	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.38		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2277	7.293				
1146-65-2	Naphthalene-d8	6546	10.036				
15067-26-2	Acenaphthene-d10	4484	13.949				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	BHK72MS	SDG No.:	BN121024
Lab Sample ID:	P5152-02MS	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
BN035564.D	1	12/10/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9911	16.717				
1719-03-5	Chrysene-d12	8456	20.964				
1520-96-3	Perylene-d12	8882	23.051				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	BHK72MSD	SDG No.:	BN121024
Lab Sample ID:	P5152-03MSD	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
BN035565.D	1	12/10/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.74		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.39		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.34		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.33		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.34		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.34		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.41		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.41		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.42		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.41		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.41		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.34		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.277		15-120		35	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.437		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.353		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2424	7.293				
1146-65-2	Naphthalene-d8	6849	10.036				
15067-26-2	Acenaphthene-d10	4651	13.949				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	BHK72MSD	SDG No.:	BN121024
Lab Sample ID:	P5152-03MSD	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
BN035565.D	1	12/10/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10145	16.717				
1719-03-5	Chrysene-d12	8263	20.964				
1520-96-3	Perylene-d12	9170	23.053				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N9	SDG No.:	BN121024
Lab Sample ID:	P5153-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.3
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
BN035566.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.5	ug/Kg
91-20-3	Naphthalene	0.47	U	0.47	1	4.2	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	U	1.1	1	4.2	ug/Kg
91-57-6	2-Methylnaphthalene	0.43	U	0.43	1	4.2	ug/Kg
208-96-8	Acenaphthylene	0.6	U	0.6	1	4.2	ug/Kg
83-32-9	Acenaphthene	0.5	U	0.5	1	4.2	ug/Kg
86-73-7	Fluorene	0.86	U	0.86	1	4.2	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.1	8.5	ug/Kg
85-01-8	Phenanthrene	0.65	U	0.65	1	4.2	ug/Kg
120-12-7	Anthracene	0.66	U	0.66	1	4.2	ug/Kg
206-44-0	Fluoranthene	0.86	U	0.86	1	4.2	ug/Kg
129-00-0	Pyrene	0.66	U	0.66	1	4.2	ug/Kg
56-55-3	Benzo(a)anthracene	0.53	U	0.53	1	4.2	ug/Kg
218-01-9	Chrysene	0.53	U	0.53	1	4.2	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.27	U	0.27	1	4.2	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.5	U	0.5	1	4.2	ug/Kg
50-32-8	Benzo(a)pyrene	0.46	U	0.46	1	4.2	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	1	4.2	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	1	4.2	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	1	4.2	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.183		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.238		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.218		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2523		7.289			
1146-65-2	Naphthalene-d8	7451		10.037			
15067-26-2	Acenaphthene-d10	4969		13.949			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28N9	SDG No.:	BN121024
Lab Sample ID:	P5153-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035566.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10726	16.717				
1719-03-5	Chrysene-d12	8254	20.964				
1520-96-3	Perylene-d12	8246	23.054				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28P0	SDG No.:	BN121024
Lab Sample ID:	P5153-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.8
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
BN035567.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	8.9	ug/Kg
91-20-3	Naphthalene	0.49	U	0.49	1.1	4.4	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	U	1.1	1.1	4.4	ug/Kg
91-57-6	2-Methylnaphthalene	0.45	U	0.45	1.1	4.4	ug/Kg
208-96-8	Acenaphthylene	0.62	U	0.62	1.1	4.4	ug/Kg
83-32-9	Acenaphthene	0.52	U	0.52	1.1	4.4	ug/Kg
86-73-7	Fluorene	0.9	U	0.9	1.1	4.4	ug/Kg
87-86-5	Pentachlorophenol	1.9	U	1.9	2.2	8.9	ug/Kg
85-01-8	Phenanthrene	0.68	U	0.68	1.1	4.4	ug/Kg
120-12-7	Anthracene	0.69	U	0.69	1.1	4.4	ug/Kg
206-44-0	Fluoranthene	0.9	U	0.9	1.1	4.4	ug/Kg
129-00-0	Pyrene	0.69	U	0.69	1.1	4.4	ug/Kg
56-55-3	Benzo(a)anthracene	0.56	U	0.56	1.1	4.4	ug/Kg
218-01-9	Chrysene	0.56	U	0.56	1.1	4.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.28	U	0.28	1.1	4.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.52	U	0.52	1.1	4.4	ug/Kg
50-32-8	Benzo(a)pyrene	0.48	U	0.48	1.1	4.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	1.1	4.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	1.1	4.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.3	U	1.3	1.1	4.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.66		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.229		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.19		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2704		7.288			
1146-65-2	Naphthalene-d8	8379		10.037			
15067-26-2	Acenaphthene-d10	5349		13.949			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28P0	SDG No.:	BN121024
Lab Sample ID:	P5153-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.8
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
BN035567.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11428	16.717				
1719-03-5	Chrysene-d12	8652	20.964				
1520-96-3	Perylene-d12	7854	23.054				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28P1	SDG No.:	BN121024
Lab Sample ID:	P5153-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.9
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
BN035568.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.5	ug/Kg
91-20-3	Naphthalene	0.41	U	0.41	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	1.3	J	0.95	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	1.7	J	0.38	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	0.53	U	0.53	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.44	U	0.44	0.92	3.7	ug/Kg
86-73-7	Fluorene	0.76	U	0.76	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	2.3	J	0.57	0.92	3.7	ug/Kg
120-12-7	Anthracene	0.58	U	0.58	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	0.76	U	0.76	0.92	3.7	ug/Kg
129-00-0	Pyrene	0.58	U	0.58	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.47	U	0.47	0.92	3.7	ug/Kg
218-01-9	Chrysene	1.5	J	0.47	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.23	U	0.23	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.44	U	0.44	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.96	U	0.96	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	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	4.143		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.285		30-130		71	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	2714		7.288			
1146-65-2	Naphthalene-d8	7878		10.036			
15067-26-2	Acenaphthene-d10	5523		13.949			

Report of Analysis

Client:		Date Collected:	12/3/2024 12:00:00 AM
Project:		Date Received:	12/3/2024 12:00:00 AM
Client Sample ID:	E28P1	SDG No.:	BN121024
Lab Sample ID:	P5153-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.9
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
BN035568.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12382	16.717				
1719-03-5	Chrysene-d12	9439	20.964				
1520-96-3	Perylene-d12	8666	23.054				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	E28P2	SDG No.:	BN121024
Lab Sample ID:	P5153-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.5
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
BN035569.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	U	1.3	0	8	ug/Kg
91-20-3	Naphthalene	1.6	J	0.44	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1.3	J	1	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	1.6	J	0.41	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	3	J	0.56	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	1.3	J	0.47	0.98	3.9	ug/Kg
86-73-7	Fluorene	1.5	J	0.81	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	8	ug/Kg
85-01-8	Phenanthrene	22		0.61	0.98	3.9	ug/Kg
120-12-7	Anthracene	6		0.62	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	47		0.81	0.98	3.9	ug/Kg
129-00-0	Pyrene	40		0.62	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	21		0.5	0.98	3.9	ug/Kg
218-01-9	Chrysene	21		0.5	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	29		0.25	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.47	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	21		0.43	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.4		1	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.9	J	1.1	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		1.2	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.565		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.23		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.21		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2521		7.289			
1146-65-2	Naphthalene-d8	7339		10.037			
15067-26-2	Acenaphthene-d10	5023		13.949			

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	E28P2	SDG No.:	BN121024
Lab Sample ID:	P5153-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035569.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10737	16.717				
1719-03-5	Chrysene-d12	8459	20.964				
1520-96-3	Perylene-d12	7349	23.051				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	E28P4	SDG No.:	BN121024
Lab Sample ID:	P5153-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.3
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
BN035570.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

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	3.5	J	0.43	0.96	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	5.4		0.99	0.96	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	7.5		0.4	0.96	3.8	ug/Kg
208-96-8	Acenaphthylene	0.55	U	0.55	0.96	3.8	ug/Kg
83-32-9	Acenaphthene	24		0.45	0.96	3.8	ug/Kg
86-73-7	Fluorene	26		0.79	0.96	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.8	ug/Kg
85-01-8	Phenanthrene	190	E	0.59	0.96	3.8	ug/Kg
120-12-7	Anthracene	54		0.6	0.96	3.8	ug/Kg
206-44-0	Fluoranthene	210	E	0.79	0.96	3.8	ug/Kg
129-00-0	Pyrene	160	E	0.6	0.96	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	66	E	0.49	0.96	3.8	ug/Kg
218-01-9	Chrysene	66	E	0.49	0.96	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	71	E	0.24	0.96	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	24		0.45	0.96	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	57		0.42	0.96	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	26		1	0.96	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.9		1	0.96	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33		1.1	0.96	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.396		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.372		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.223		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3036		7.288			
1146-65-2	Naphthalene-d8	8721		10.037			
15067-26-2	Acenaphthene-d10	6101		13.949			

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	E28P4	SDG No.:	BN121024
Lab Sample ID:	P5153-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.3
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
BN035570.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12036	16.717				
1719-03-5	Chrysene-d12	7896	20.964				
1520-96-3	Perylene-d12	7351	23.057				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28P5	SDG No.:	BN121024
Lab Sample ID:	P5153-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.8
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
BN035571.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

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	1.3	J	0.44	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1.2	J	1	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	1.8	J	0.4	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	0.79	J	0.56	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	0.46	U	0.46	0.98	3.9	ug/Kg
86-73-7	Fluorene	0.8	U	0.8	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	1.7	U	1.7	2	7.9	ug/Kg
85-01-8	Phenanthrene	6		0.6	0.98	3.9	ug/Kg
120-12-7	Anthracene	0.95	J	0.62	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	13		0.8	0.98	3.9	ug/Kg
129-00-0	Pyrene	12		0.62	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	4.7		0.5	0.98	3.9	ug/Kg
218-01-9	Chrysene	5.9		0.5	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	8.5		0.25	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.4	J	0.46	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	6.1		0.43	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.3	J	1	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.1	U	1.1	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.2		1.2	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.715		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.237		30-130		59	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.213		20-140		53	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2765		7.288			
1146-65-2	Naphthalene-d8	8289		10.036			
15067-26-2	Acenaphthene-d10	5606		13.949			

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28P5	SDG No.:	BN121024
Lab Sample ID:	P5153-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.8
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
BN035571.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11795	16.717				
1719-03-5	Chrysene-d12	8568	20.964				
1520-96-3	Perylene-d12	7578	23.054				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28P6	SDG No.:	BN121024
Lab Sample ID:	P5153-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.2
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
BN035572.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.5	ug/Kg
91-20-3	Naphthalene	0.41	U	0.41	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.95	U	0.95	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.38	U	0.38	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	0.52	U	0.52	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.43	U	0.43	0.92	3.7	ug/Kg
86-73-7	Fluorene	0.76	U	0.76	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	0.57	U	0.57	0.92	3.7	ug/Kg
120-12-7	Anthracene	0.58	U	0.58	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	1.2	J	0.76	0.92	3.7	ug/Kg
129-00-0	Pyrene	0.58	U	0.58	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.47	U	0.47	0.92	3.7	ug/Kg
218-01-9	Chrysene	1.1	J	0.47	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.23	U	0.23	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.43	U	0.43	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.96	U	0.96	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.99	U	0.99	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.343		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.253		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.232		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2570		7.288			
1146-65-2	Naphthalene-d8	7419		10.036			
15067-26-2	Acenaphthene-d10	4833		13.949			

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28P6	SDG No.:	BN121024
Lab Sample ID:	P5153-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.2
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
BN035572.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9719	16.717				
1719-03-5	Chrysene-d12	6901	20.964				
1520-96-3	Perylene-d12	6799	23.054				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28P7	SDG No.:	BN121024
Lab Sample ID:	P5153-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.9
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
BN035573.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

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	0.98	J	0.4	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.98	J	0.93	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	1	J	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	1.1	J	0.56	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	0.84	J	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	1.6	J	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	0.43	U	0.43	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	5.258		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.312		30-130		78	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.292		20-140		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2477		7.288			
1146-65-2	Naphthalene-d8	7262		10.036			
15067-26-2	Acenaphthene-d10	4969		13.949			

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28P7	SDG No.:	BN121024
Lab Sample ID:	P5153-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.9
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
BN035573.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10572	16.717				
1719-03-5	Chrysene-d12	7689	20.964				
1520-96-3	Perylene-d12	6948	23.054				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SLCS482	SDG No.:	BN121024
Lab Sample ID:	PB165482BS	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
BN035574.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	53		1.1	0	6.7	ug/Kg
91-20-3	Naphthalene	11		0.37	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	11		0.85	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	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	11		0.39	0.83	3.3	ug/Kg
86-73-7	Fluorene	10		0.68	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	23		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	10		0.52	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	12		0.68	0.83	3.3	ug/Kg
129-00-0	Pyrene	12		0.52	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	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	11		0.21	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.39	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	11		0.36	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9.5		0.86	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.2		0.89	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.6		0.98	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.626		15-120		78	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.376		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.349		20-140		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2520		7.293			
1146-65-2	Naphthalene-d8	7352		10.036			
15067-26-2	Acenaphthene-d10	4997		13.949			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SLCS482	SDG No.:	BN121024
Lab Sample ID:	PB165482BS	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
BN035574.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10510	16.717				
1719-03-5	Chrysene-d12	7880	20.964				
1520-96-3	Perylene-d12	7629	23.054				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	SLCS517	SDG No.:	BN121024
Lab Sample ID:	PB165517BS	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
BN035575.D	1	12/10/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.38		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.38		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.37		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.37		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.83		0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.37		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.41		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.42		0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.38		0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.4		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.34		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.34		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.729		15-120		91	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.443		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.408		30-130		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2446	7.289				
1146-65-2	Naphthalene-d8	6982	10.037				
15067-26-2	Acenaphthene-d10	4752	13.949				

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	SLCS517	SDG No.:	BN121024
Lab Sample ID:	PB165517BS	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
BN035575.D	1	12/10/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10037	16.717				
1719-03-5	Chrysene-d12	7524	20.961				
1520-96-3	Perylene-d12	7293	23.051				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SBLK482	SDG No.:	BN121024
Lab Sample ID:	PB165482BL	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
BN035576.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

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	5.581		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.304		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.255		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2556		7.288			
1146-65-2	Naphthalene-d8	7158		10.036			
15067-26-2	Acenaphthene-d10	4707		13.949			

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SBLK482	SDG No.:	BN121024
Lab Sample ID:	PB165482BL	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
BN035576.D	1	12/9/2024 12:00:00 AM	12/11/2024 12:00:00 AM	PB165482

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10004	16.717				
1719-03-5	Chrysene-d12	6679	20.964				
1520-96-3	Perylene-d12	6097	23.051				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN121024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E28M0								
P5066-01	E28M0	Solid	Total Alkanes	*	0.000	1.1	200	ug/Kg
			Total Tics :			0.00		
P5066-01	E28M0	Solid	1-Methylnaphthalene		1,500.000	0.87	100	ug/Kg
P5066-01	E28M0	Solid	2-Methylnaphthalene		1,700.000	E 0.35	100	ug/Kg
P5066-01	E28M0	Solid	Acenaphthene		200.000	0.4	100	ug/Kg
P5066-01	E28M0	Solid	Acenaphthylene		120.000	0.48	100	ug/Kg
P5066-01	E28M0	Solid	Anthracene		840.000	0.53	100	ug/Kg
P5066-01	E28M0	Solid	Benzo(a)anthracene		260.000	0.43	100	ug/Kg
P5066-01	E28M0	Solid	Chrysene		1,100.000	0.43	100	ug/Kg
P5066-01	E28M0	Solid	Fluoranthene		3,100.000	E 0.7	100	ug/Kg
P5066-01	E28M0	Solid	Fluorene		660.000	0.7	100	ug/Kg
P5066-01	E28M0	Solid	Naphthalene		420.000	0.38	100	ug/Kg
P5066-01	E28M0	Solid	Phenanthrene		6,100.000	E 0.52	100	ug/Kg
P5066-01	E28M0	Solid	Pyrene		3,000.000	E 0.53	100	ug/Kg
			Total Svoc :			19,000.00		
			Total Concentration:			19,000.00		
Client ID : E28M0DL								
P5066-01DL	E28M0DL	Solid	Total Alkanes	*	0.000	D 5.6	1000	ug/Kg
			Total Tics :			0.00		
P5066-01DL	E28M0DL	Solid	1-Methylnaphthalene		1,500.000	D 4.3	510	ug/Kg
P5066-01DL	E28M0DL	Solid	2-Methylnaphthalene		1,600.000	D 1.7	510	ug/Kg
P5066-01DL	E28M0DL	Solid	Acenaphthene		200.000	JD 2	510	ug/Kg
P5066-01DL	E28M0DL	Solid	Acenaphthylene		120.000	JD 2.4	510	ug/Kg
P5066-01DL	E28M0DL	Solid	Anthracene		700.000	D 2.7	510	ug/Kg
P5066-01DL	E28M0DL	Solid	Benzo(a)anthracene		250.000	JD 2.1	510	ug/Kg
P5066-01DL	E28M0DL	Solid	Chrysene		1,100.000	D 2.1	510	ug/Kg
P5066-01DL	E28M0DL	Solid	Fluoranthene		2,700.000	D 3.5	510	ug/Kg
P5066-01DL	E28M0DL	Solid	Fluorene		660.000	D 3.5	510	ug/Kg
P5066-01DL	E28M0DL	Solid	Naphthalene		380.000	JD 1.9	510	ug/Kg
P5066-01DL	E28M0DL	Solid	Phenanthrene		5,800.000	D 2.6	510	ug/Kg
P5066-01DL	E28M0DL	Solid	Pyrene		2,700.000	D 2.7	510	ug/Kg
			Total Svoc :			17,710.00		
			Total Concentration:			17,710.00		
Client ID : E28M2								
P5066-03	E28M2	Solid	Total Alkanes	*	0.000	1.3	7.9	ug/Kg
			Total Tics :			0.00		
P5066-03	E28M2	Solid	1-Methylnaphthalene		480.000	E 1	3.9	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN121024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5066-03	E28M2	Solid	2-Methylnaphthalene	710.000	E	0.4	3.9	ug/Kg
P5066-03	E28M2	Solid	Acenaphthene	57.000		0.46	3.9	ug/Kg
P5066-03	E28M2	Solid	Acenaphthylene	22.000		0.56	3.9	ug/Kg
P5066-03	E28M2	Solid	Anthracene	390.000	E	0.61	3.9	ug/Kg
P5066-03	E28M2	Solid	Benzo(a)anthracene	55.000		0.5	3.9	ug/Kg
P5066-03	E28M2	Solid	Benzo(b)fluoranthene	33.000		0.25	3.9	ug/Kg
P5066-03	E28M2	Solid	Benzo(g,h,i)perylene	16.000		1.2	3.9	ug/Kg
P5066-03	E28M2	Solid	Benzo(k)fluoranthene	9.400		0.46	3.9	ug/Kg
P5066-03	E28M2	Solid	Chrysene	72.000	E	0.5	3.9	ug/Kg
P5066-03	E28M2	Solid	Fluoranthene	430.000	E	0.8	3.9	ug/Kg
P5066-03	E28M2	Solid	Fluorene	210.000	E	0.8	3.9	ug/Kg
P5066-03	E28M2	Solid	Indeno(1,2,3-cd)pyrene	10.000		1	3.9	ug/Kg
P5066-03	E28M2	Solid	Naphthalene	230.000	E	0.44	3.9	ug/Kg
P5066-03	E28M2	Solid	Phenanthrene	1,200.000	E	0.6	3.9	ug/Kg
P5066-03	E28M2	Solid	Pyrene	460.000	E	0.61	3.9	ug/Kg

Total Svoc :

4,384.40

Total Concentration:

4,384.40

Client ID : E28M2DL

P5066-03DL	E28M2DL	Solid	Total Alkanes	*	0.000	D 6.5	40	ug/Kg
Total Tics :					0.00			
P5066-03DL	E28M2DL	Solid	1-Methylnaphthalene		480.000	ED 5	20	ug/Kg
P5066-03DL	E28M2DL	Solid	2-Methylnaphthalene		710.000	ED 2	20	ug/Kg
P5066-03DL	E28M2DL	Solid	Acenaphthene		64.000	D 2.3	20	ug/Kg
P5066-03DL	E28M2DL	Solid	Acenaphthylene		24.000	D 2.8	20	ug/Kg
P5066-03DL	E28M2DL	Solid	Anthracene		340.000	ED 3.1	20	ug/Kg
P5066-03DL	E28M2DL	Solid	Benzo(a)anthracene		55.000	D 2.5	20	ug/Kg
P5066-03DL	E28M2DL	Solid	Benzo(b)fluoranthene		27.000	D 1.2	20	ug/Kg
P5066-03DL	E28M2DL	Solid	Benzo(g,h,i)perylene		14.000	JD 5.8	20	ug/Kg
P5066-03DL	E28M2DL	Solid	Benzo(k)fluoranthene		10.000	JD 2.3	20	ug/Kg
P5066-03DL	E28M2DL	Solid	Chrysene		70.000	D 2.5	20	ug/Kg
P5066-03DL	E28M2DL	Solid	Fluoranthene		440.000	ED 4	20	ug/Kg
P5066-03DL	E28M2DL	Solid	Fluorene		240.000	D 4	20	ug/Kg
P5066-03DL	E28M2DL	Solid	Indeno(1,2,3-cd)pyrene		8.900	JD 5.1	20	ug/Kg
P5066-03DL	E28M2DL	Solid	Naphthalene		220.000	D 2.2	20	ug/Kg
P5066-03DL	E28M2DL	Solid	Phenanthrene		1,200.000	ED 3	20	ug/Kg
P5066-03DL	E28M2DL	Solid	Pyrene		460.000	ED 3.1	20	ug/Kg

Total Svoc :

4,362.90

Total Concentration:

4,362.90

Client ID : E28M3

Hit Summary Sheet SW-846

SDG No.: BN121024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5066-04	E28M3	Solid	Total Alkanes	*	0.000	1.2	7.4	ug/Kg
			Total Tics :			0.00		
P5066-04	E28M3	Solid	Chrysene		0.780	J 0.47	3.7	ug/Kg
P5066-04	E28M3	Solid	Phenanthrene		1.000	J 0.57	3.7	ug/Kg
			Total Svoc :			1.78		
			Total Concentration:			1.78		
Client ID : E28M4								
P5066-05	E28M4	Solid	Total Alkanes	*	0.000	1.2	7.2	ug/Kg
			Total Tics :			0.00		
P5066-05	E28M4	Solid	2-Methylnaphthalene		0.930	J 0.37	3.6	ug/Kg
P5066-05	E28M4	Solid	Acenaphthylene		3.200	J 0.51	3.6	ug/Kg
P5066-05	E28M4	Solid	Anthracene		2.800	J 0.56	3.6	ug/Kg
P5066-05	E28M4	Solid	Benzo(a)anthracene		11.000	0.45	3.6	ug/Kg
P5066-05	E28M4	Solid	Benzo(a)pyrene		18.000	0.39	3.6	ug/Kg
P5066-05	E28M4	Solid	Benzo(b)fluoranthene		35.000	0.23	3.6	ug/Kg
P5066-05	E28M4	Solid	Benzo(g,h,i)perylene		14.000	1.1	3.6	ug/Kg
P5066-05	E28M4	Solid	Benzo(k)fluoranthene		12.000	0.42	3.6	ug/Kg
P5066-05	E28M4	Solid	Chrysene		16.000	0.45	3.6	ug/Kg
P5066-05	E28M4	Solid	Dibenzo(a,h)anthracene		3.500	J 0.96	3.6	ug/Kg
P5066-05	E28M4	Solid	Fluoranthene		12.000	0.73	3.6	ug/Kg
P5066-05	E28M4	Solid	Indeno(1,2,3-cd)pyrene		11.000	0.93	3.6	ug/Kg
P5066-05	E28M4	Solid	Naphthalene		0.860	J 0.4	3.6	ug/Kg
P5066-05	E28M4	Solid	Phenanthrene		2.300	J 0.55	3.6	ug/Kg
P5066-05	E28M4	Solid	Pyrene		14.000	0.56	3.6	ug/Kg
			Total Svoc :			156.59		
			Total Concentration:			156.59		
Client ID : E28M5								
P5066-06	E28M5	Solid	Total Alkanes	*	0.000	1.1	7	ug/Kg
			Total Tics :			0.00		
P5066-06	E28M5	Solid	1-Methylnaphthalene		1.000	J 0.89	3.4	ug/Kg
P5066-06	E28M5	Solid	2-Methylnaphthalene		1.300	J 0.35	3.4	ug/Kg
P5066-06	E28M5	Solid	Acenaphthylene		1.600	J 0.49	3.4	ug/Kg
P5066-06	E28M5	Solid	Anthracene		1.200	J 0.54	3.4	ug/Kg
P5066-06	E28M5	Solid	Benzo(a)anthracene		4.800	0.44	3.4	ug/Kg
P5066-06	E28M5	Solid	Benzo(a)pyrene		6.300	0.38	3.4	ug/Kg
P5066-06	E28M5	Solid	Benzo(b)fluoranthene		9.400	0.22	3.4	ug/Kg
P5066-06	E28M5	Solid	Benzo(g,h,i)perylene		5.300	1	3.4	ug/Kg
P5066-06	E28M5	Solid	Benzo(k)fluoranthene		3.100	J 0.41	3.4	ug/Kg
P5066-06	E28M5	Solid	Chrysene		5.800	0.44	3.4	ug/Kg
P5066-06	E28M5	Solid	Fluoranthene		11.000	0.71	3.4	ug/Kg

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SDG No.: BN121024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5066-06	E28M5	Solid	Indeno(1,2,3-cd)pyrene	3.800		0.9	3.4	ug/Kg
P5066-06	E28M5	Solid	Naphthalene	1.000	J	0.39	3.4	ug/Kg
P5066-06	E28M5	Solid	Phenanthrene	3.200	J	0.53	3.4	ug/Kg
P5066-06	E28M5	Solid	Pyrene	9.700		0.54	3.4	ug/Kg
Total Svoc :						68.50		
Total Concentration:						68.50		
Client ID : E28M6								
P5066-07	E28M6	Solid	Total Alkanes	*	0.000	1.2	7.4	ug/Kg
Total Tics :						0.00		
P5066-07	E28M6	Solid	Acenaphthylene	1.200	J	0.52	3.6	ug/Kg
P5066-07	E28M6	Solid	Anthracene	2.900	J	0.57	3.6	ug/Kg
P5066-07	E28M6	Solid	Benzo(a)anthracene	12.000		0.46	3.6	ug/Kg
P5066-07	E28M6	Solid	Benzo(a)pyrene	11.000		0.4	3.6	ug/Kg
P5066-07	E28M6	Solid	Benzo(b)fluoranthene	21.000		0.23	3.6	ug/Kg
P5066-07	E28M6	Solid	Benzo(g,h,i)perylene	6.000		1.1	3.6	ug/Kg
P5066-07	E28M6	Solid	Benzo(k)fluoranthene	7.400		0.43	3.6	ug/Kg
P5066-07	E28M6	Solid	Chrysene	14.000		0.46	3.6	ug/Kg
P5066-07	E28M6	Solid	Dibenzo(a,h)anthracene	1.900	J	0.98	3.6	ug/Kg
P5066-07	E28M6	Solid	Fluoranthene	19.000		0.75	3.6	ug/Kg
P5066-07	E28M6	Solid	Indeno(1,2,3-cd)pyrene	5.700		0.95	3.6	ug/Kg
P5066-07	E28M6	Solid	Phenanthrene	2.400	J	0.56	3.6	ug/Kg
P5066-07	E28M6	Solid	Pyrene	18.000		0.57	3.6	ug/Kg
Total Svoc :						122.50		
Total Concentration:						122.50		
Client ID : E28M7								
P5066-08	E28M7	Solid	Total Alkanes	*	0.000	1.2	7.3	ug/Kg
Total Tics :						0.00		
P5066-08	E28M7	Solid	2-Methylnaphthalene	0.910	J	0.37	3.6	ug/Kg
P5066-08	E28M7	Solid	Benzo(b)fluoranthene	0.800	J	0.23	3.6	ug/Kg
P5066-08	E28M7	Solid	Benzo(g,h,i)perylene	1.200	J	1.1	3.6	ug/Kg
P5066-08	E28M7	Solid	Chrysene	1.500	J	0.46	3.6	ug/Kg
P5066-08	E28M7	Solid	Phenanthrene	1.900	J	0.56	3.6	ug/Kg
Total Svoc :						6.31		
Total Concentration:						6.31		
Client ID : E28M8								
P5066-09	E28M8	Solid	Total Alkanes	*	0.000	1.3	7.7	ug/Kg
Total Tics :						0.00		
P5066-09	E28M8	Solid	Benzo(b)fluoranthene	1.600	J	0.24	3.8	ug/Kg
P5066-09	E28M8	Solid	Benzo(k)fluoranthene	0.880	J	0.45	3.8	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN121024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5066-09	E28M8	Solid	Chrysene	1.100	J	0.48	3.8	ug/Kg
P5066-09	E28M8	Solid	Fluoranthene	1.500	J	0.78	3.8	ug/Kg
P5066-09	E28M8	Solid	Pyrene	1.700	J	0.6	3.8	ug/Kg
Total Svoc :						6.78		
Total Concentration:						6.78		
Client ID : E28M9								
P5066-11	E28M9	Solid	Total Alkanes	*	0.000	1.4	8.5	ug/Kg
Total Tics :						0.00		
P5066-11	E28M9	Solid	1-Methylnaphthalene	1.400	J	1.1	4.2	ug/Kg
P5066-11	E28M9	Solid	2-Methylnaphthalene	1.900	J	0.43	4.2	ug/Kg
P5066-11	E28M9	Solid	Benzo(a)anthracene	2.700	J	0.53	4.2	ug/Kg
P5066-11	E28M9	Solid	Benzo(a)pyrene	4.300		0.46	4.2	ug/Kg
P5066-11	E28M9	Solid	Benzo(b)fluoranthene	6.100		0.27	4.2	ug/Kg
P5066-11	E28M9	Solid	Benzo(g,h,i)perylene	3.300	J	1.2	4.2	ug/Kg
P5066-11	E28M9	Solid	Benzo(k)fluoranthene	2.300	J	0.49	4.2	ug/Kg
P5066-11	E28M9	Solid	Chrysene	3.900	J	0.53	4.2	ug/Kg
P5066-11	E28M9	Solid	Fluoranthene	7.800		0.86	4.2	ug/Kg
P5066-11	E28M9	Solid	Indeno(1,2,3-cd)pyrene	2.500	J	1.1	4.2	ug/Kg
P5066-11	E28M9	Solid	Naphthalene	1.600	J	0.47	4.2	ug/Kg
P5066-11	E28M9	Solid	Phenanthrene	3.800	J	0.65	4.2	ug/Kg
P5066-11	E28M9	Solid	Pyrene	6.700		0.66	4.2	ug/Kg
Total Svoc :						48.30		
Total Concentration:						48.30		
Client ID : E28N0								
P5066-12	E28N0	Solid	Total Alkanes	*	0.000	1.3	7.6	ug/Kg
Total Tics :						0.00		
P5066-12	E28N0	Solid	2-Methylnaphthalene	0.760	J	0.39	3.8	ug/Kg
P5066-12	E28N0	Solid	Benzo(a)anthracene	0.950	J	0.48	3.8	ug/Kg
P5066-12	E28N0	Solid	Benzo(b)fluoranthene	2.200	J	0.24	3.8	ug/Kg
P5066-12	E28N0	Solid	Benzo(g,h,i)perylene	1.400	J	1.1	3.8	ug/Kg
P5066-12	E28N0	Solid	Benzo(k)fluoranthene	0.910	J	0.44	3.8	ug/Kg
P5066-12	E28N0	Solid	Chrysene	1.900	J	0.48	3.8	ug/Kg
P5066-12	E28N0	Solid	Fluoranthene	2.700	J	0.77	3.8	ug/Kg
P5066-12	E28N0	Solid	Phenanthrene	1.600	J	0.58	3.8	ug/Kg
P5066-12	E28N0	Solid	Pyrene	2.200	J	0.59	3.8	ug/Kg
Total Svoc :						14.62		
Total Concentration:						14.62		
Client ID : E28N1								
P5066-13	E28N1	Solid	Total Alkanes	*	0.000	1.2	7.3	ug/Kg

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SDG No.: BN121024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	0.00				
P5066-13	E28N1	Solid	1-Methylnaphthalene	17.000		0.93	3.6	ug/Kg
P5066-13	E28N1	Solid	2-Methylnaphthalene	21.000		0.37	3.6	ug/Kg
P5066-13	E28N1	Solid	Acenaphthene	0.870	J	0.43	3.6	ug/Kg
P5066-13	E28N1	Solid	Acenaphthylene	1.800	J	0.51	3.6	ug/Kg
P5066-13	E28N1	Solid	Anthracene	1.400	J	0.57	3.6	ug/Kg
P5066-13	E28N1	Solid	Benzo(b)fluoranthene	2.600	J	0.23	3.6	ug/Kg
P5066-13	E28N1	Solid	Benzo(g,h,i)perylene	6.100		1.1	3.6	ug/Kg
P5066-13	E28N1	Solid	Chrysene	6.500		0.46	3.6	ug/Kg
P5066-13	E28N1	Solid	Fluoranthene	1.900	J	0.74	3.6	ug/Kg
P5066-13	E28N1	Solid	Fluorene	1.600	J	0.74	3.6	ug/Kg
P5066-13	E28N1	Solid	Naphthalene	4.100		0.4	3.6	ug/Kg
P5066-13	E28N1	Solid	Phenanthrene	25.000		0.56	3.6	ug/Kg
P5066-13	E28N1	Solid	Pyrene	3.900		0.57	3.6	ug/Kg
			Total Svoc :	93.77				
			Total Concentration:	93.77				
Client ID :	E28N2							
P5066-14	E28N2	Solid	Total Alkanes	*	0.000	1.4	8.3	ug/Kg
			Total Tics :	0.00				
P5066-14	E28N2	Solid	Anthracene	6.600		0.64	4.1	ug/Kg
P5066-14	E28N2	Solid	Benzo(a)anthracene	1.700	J	0.52	4.1	ug/Kg
P5066-14	E28N2	Solid	Benzo(a)pyrene	2.100	J	0.44	4.1	ug/Kg
P5066-14	E28N2	Solid	Benzo(b)fluoranthene	3.400	J	0.26	4.1	ug/Kg
P5066-14	E28N2	Solid	Benzo(g,h,i)perylene	1.600	J	1.2	4.1	ug/Kg
P5066-14	E28N2	Solid	Benzo(k)fluoranthene	1.500	J	0.48	4.1	ug/Kg
P5066-14	E28N2	Solid	Chrysene	2.300	J	0.52	4.1	ug/Kg
P5066-14	E28N2	Solid	Fluoranthene	6.200		0.84	4.1	ug/Kg
P5066-14	E28N2	Solid	Indeno(1,2,3-cd)pyrene	1.300	J	1.1	4.1	ug/Kg
P5066-14	E28N2	Solid	Naphthalene	1.600	J	0.46	4.1	ug/Kg
P5066-14	E28N2	Solid	Phenanthrene	4.200		0.63	4.1	ug/Kg
P5066-14	E28N2	Solid	Pyrene	5.300		0.64	4.1	ug/Kg
			Total Svoc :	37.80				
			Total Concentration:	37.80				
Client ID :	E28N3							
P5066-15	E28N3	Solid	Total Alkanes	*	0.000	1.2	7.5	ug/Kg
			Total Tics :	0.00				
P5066-15	E28N3	Solid	1-Methylnaphthalene	33.000		0.95	3.7	ug/Kg
P5066-15	E28N3	Solid	2-Methylnaphthalene	17.000		0.38	3.7	ug/Kg
P5066-15	E28N3	Solid	Acenaphthene	3.000	J	0.44	3.7	ug/Kg
P5066-15	E28N3	Solid	Acenaphthylene	5.000		0.52	3.7	ug/Kg

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SDG No.: BN121024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5066-15	E28N3	Solid	Anthracene	5.100		0.58	3.7	ug/Kg
P5066-15	E28N3	Solid	Benzo(a)anthracene	2.500	J	0.47	3.7	ug/Kg
P5066-15	E28N3	Solid	Benzo(b)fluoranthene	3.900		0.23	3.7	ug/Kg
P5066-15	E28N3	Solid	Benzo(g,h,i)perylene	2.300	J	1.1	3.7	ug/Kg
P5066-15	E28N3	Solid	Chrysene	5.500		0.47	3.7	ug/Kg
P5066-15	E28N3	Solid	Fluoranthene	7.000		0.76	3.7	ug/Kg
P5066-15	E28N3	Solid	Fluorene	13.000		0.76	3.7	ug/Kg
P5066-15	E28N3	Solid	Indeno(1,2,3-cd)pyrene	1.500	J	0.96	3.7	ug/Kg
P5066-15	E28N3	Solid	Naphthalene	1.800	J	0.41	3.7	ug/Kg
P5066-15	E28N3	Solid	Phenanthrene	28.000		0.57	3.7	ug/Kg
P5066-15	E28N3	Solid	Pyrene	7.200		0.58	3.7	ug/Kg
Total Svoc :				135.80				
Total Concentration:				135.80				
Client ID :	E28N4							
P5066-16	E28N4	Solid	Total Alkanes	*	0.000	2.1	13	ug/Kg
Total Tics :				0.00				
P5066-16	E28N4	Solid	1-Methylnaphthalene	1.600	J	1.6	6.4	ug/Kg
P5066-16	E28N4	Solid	2-Methylnaphthalene	1.900	J	0.66	6.4	ug/Kg
P5066-16	E28N4	Solid	Benzo(a)anthracene	1.300	J	0.81	6.4	ug/Kg
P5066-16	E28N4	Solid	Benzo(a)pyrene	1.700	J	0.7	6.4	ug/Kg
P5066-16	E28N4	Solid	Benzo(b)fluoranthene	2.900	J	0.41	6.4	ug/Kg
P5066-16	E28N4	Solid	Benzo(k)fluoranthene	1.400	J	0.76	6.4	ug/Kg
P5066-16	E28N4	Solid	Chrysene	2.100	J	0.81	6.4	ug/Kg
P5066-16	E28N4	Solid	Fluoranthene	3.700	J	1.3	6.4	ug/Kg
P5066-16	E28N4	Solid	Naphthalene	1.700	J	0.72	6.4	ug/Kg
P5066-16	E28N4	Solid	Phenanthrene	3.900	J	0.99	6.4	ug/Kg
P5066-16	E28N4	Solid	Pyrene	3.300	J	1	6.4	ug/Kg
Total Svoc :				25.50				
Total Concentration:				25.50				
Client ID :	E28N5							
P5066-17	E28N5	Solid	Total Alkanes	*	0.000	1.4	8.7	ug/Kg
Total Tics :				0.00				
P5066-17	E28N5	Solid	1-Methylnaphthalene	1.200	J	1.1	4.3	ug/Kg
P5066-17	E28N5	Solid	2-Methylnaphthalene	1.700	J	0.44	4.3	ug/Kg
P5066-17	E28N5	Solid	Benzo(a)anthracene	4.500		0.55	4.3	ug/Kg
P5066-17	E28N5	Solid	Benzo(a)pyrene	7.500		0.47	4.3	ug/Kg
P5066-17	E28N5	Solid	Benzo(b)fluoranthene	10.000		0.27	4.3	ug/Kg
P5066-17	E28N5	Solid	Benzo(g,h,i)perylene	5.600		1.3	4.3	ug/Kg
P5066-17	E28N5	Solid	Benzo(k)fluoranthene	4.100	J	0.51	4.3	ug/Kg
P5066-17	E28N5	Solid	Chrysene	6.100		0.55	4.3	ug/Kg

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SDG No.: BN121024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5066-17	E28N5	Solid	Fluoranthene	12.000		0.89	4.3	ug/Kg
P5066-17	E28N5	Solid	Indeno(1,2,3-cd)pyrene	4.000	J	1.1	4.3	ug/Kg
P5066-17	E28N5	Solid	Naphthalene	1.700	J	0.48	4.3	ug/Kg
P5066-17	E28N5	Solid	Phenanthrene	4.600		0.67	4.3	ug/Kg
P5066-17	E28N5	Solid	Pyrene	11.000		0.68	4.3	ug/Kg
Total Svoc :						74.00		
Total Concentration:						74.00		
Client ID : E28N6								
P5066-18	E28N6	Solid	Total Alkanes	*	0.000	1.4	8.2	ug/Kg
Total Tics :						0.00		
P5066-18	E28N6	Solid	Benzo(b)fluoranthene	1.500	J	0.26	4.1	ug/Kg
P5066-18	E28N6	Solid	Chrysene	0.900	J	0.52	4.1	ug/Kg
P5066-18	E28N6	Solid	Fluoranthene	1.900	J	0.84	4.1	ug/Kg
P5066-18	E28N6	Solid	Phenanthrene	0.940	J	0.63	4.1	ug/Kg
P5066-18	E28N6	Solid	Pyrene	1.600	J	0.64	4.1	ug/Kg
Total Svoc :						6.84		
Total Concentration:						6.84		
Client ID : E28N7								
P5066-19	E28N7	Solid	Total Alkanes	*	0.000	1.2	7.4	ug/Kg
Total Tics :						0.00		
P5066-19	E28N7	Solid	1-Methylnaphthalene	3.600		0.94	3.6	ug/Kg
P5066-19	E28N7	Solid	2-Methylnaphthalene	4.100		0.38	3.6	ug/Kg
P5066-19	E28N7	Solid	Benzo(b)fluoranthene	1.300	J	0.23	3.6	ug/Kg
P5066-19	E28N7	Solid	Benzo(g,h,i)perylene	2.700	J	1.1	3.6	ug/Kg
P5066-19	E28N7	Solid	Chrysene	3.300	J	0.46	3.6	ug/Kg
P5066-19	E28N7	Solid	Fluoranthene	1.100	J	0.75	3.6	ug/Kg
P5066-19	E28N7	Solid	Fluorene	0.850	J	0.75	3.6	ug/Kg
P5066-19	E28N7	Solid	Naphthalene	1.300	J	0.41	3.6	ug/Kg
P5066-19	E28N7	Solid	Phenanthrene	4.400		0.56	3.6	ug/Kg
P5066-19	E28N7	Solid	Pyrene	2.100	J	0.57	3.6	ug/Kg
Total Svoc :						24.75		
Total Concentration:						24.75		
Client ID : E28N8								
P5066-20	E28N8	Solid	Total Alkanes	*	0.000	1.4	8.6	ug/Kg
Total Tics :						0.00		
P5066-20	E28N8	Solid	1-Methylnaphthalene	3.900	J	1.1	4.2	ug/Kg
P5066-20	E28N8	Solid	2-Methylnaphthalene	5.000		0.44	4.2	ug/Kg
P5066-20	E28N8	Solid	Acenaphthene	0.940	J	0.5	4.2	ug/Kg
P5066-20	E28N8	Solid	Benzo(a)anthracene	2.600	J	0.54	4.2	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN121024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5066-20	E28N8	Solid	Chrysene	12.000		0.54	4.2	ug/Kg
P5066-20	E28N8	Solid	Fluoranthene	9.800		0.87	4.2	ug/Kg
P5066-20	E28N8	Solid	Fluorene	5.800		0.87	4.2	ug/Kg
P5066-20	E28N8	Solid	Naphthalene	1.400	J	0.47	4.2	ug/Kg
P5066-20	E28N8	Solid	Phenanthrene	30.000		0.65	4.2	ug/Kg
P5066-20	E28N8	Solid	Pyrene	9.100		0.67	4.2	ug/Kg
Total Svoc :						80.54		
Total Concentration:						80.54		
Client ID : BHK72								
P5152-01	BHK72	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
Total Tics :						0.00		
P5152-01	BHK72	Water	Naphthalene		0.050	J 0.011	0.1	ug/L
Total Svoc :						0.05		
Total Concentration:						0.05		
Client ID : E28N9								
P5153-01	E28N9	Solid	Total Alkanes	*	0.000	1.4	8.5	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E28P0								
P5153-02	E28P0	Solid	Total Alkanes	*	0.000	1.5	8.9	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E28P1								
P5153-03	E28P1	Solid	Total Alkanes	*	0.000	1.2	7.5	ug/Kg
Total Tics :						0.00		
P5153-03	E28P1	Solid	1-Methylnaphthalene		1.300	J 0.95	3.7	ug/Kg
P5153-03	E28P1	Solid	2-Methylnaphthalene		1.700	J 0.38	3.7	ug/Kg
P5153-03	E28P1	Solid	Chrysene		1.500	J 0.47	3.7	ug/Kg
P5153-03	E28P1	Solid	Phenanthrene		2.300	J 0.57	3.7	ug/Kg
Total Svoc :						6.80		
Total Concentration:						6.80		
Client ID : E28P2								
P5153-04	E28P2	Solid	Total Alkanes	*	0.000	1.3	8	ug/Kg
Total Tics :						0.00		
P5153-04	E28P2	Solid	1-Methylnaphthalene		1.300	J 1	3.9	ug/Kg
P5153-04	E28P2	Solid	2-Methylnaphthalene		1.600	J 0.41	3.9	ug/Kg
P5153-04	E28P2	Solid	Acenaphthene		1.300	J 0.47	3.9	ug/Kg
P5153-04	E28P2	Solid	Acenaphthylene		3.000	J 0.56	3.9	ug/Kg
P5153-04	E28P2	Solid	Anthracene		6.000	0.62	3.9	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN121024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5153-04	E28P2	Solid	Benzo(a)anthracene	21.000		0.5	3.9	ug/Kg
P5153-04	E28P2	Solid	Benzo(a)pyrene	21.000		0.43	3.9	ug/Kg
P5153-04	E28P2	Solid	Benzo(b)fluoranthene	29.000		0.25	3.9	ug/Kg
P5153-04	E28P2	Solid	Benzo(g,h,i)perylene	12.000		1.2	3.9	ug/Kg
P5153-04	E28P2	Solid	Benzo(k)fluoranthene	11.000		0.47	3.9	ug/Kg
P5153-04	E28P2	Solid	Chrysene	21.000		0.5	3.9	ug/Kg
P5153-04	E28P2	Solid	Dibenzo(a,h)anthracene	2.900	J	1.1	3.9	ug/Kg
P5153-04	E28P2	Solid	Fluoranthene	47.000		0.81	3.9	ug/Kg
P5153-04	E28P2	Solid	Fluorene	1.500	J	0.81	3.9	ug/Kg
P5153-04	E28P2	Solid	Indeno(1,2,3-cd)pyrene	9.400		1	3.9	ug/Kg
P5153-04	E28P2	Solid	Naphthalene	1.600	J	0.44	3.9	ug/Kg
P5153-04	E28P2	Solid	Phenanthrene	22.000		0.61	3.9	ug/Kg
P5153-04	E28P2	Solid	Pyrene	40.000		0.62	3.9	ug/Kg

Total Svoc : 252.60

Total Concentration: 252.60

Client ID : E28P4

P5153-06	E28P4	Solid	Total Alkanes	*	0.000	1.3	7.8	ug/Kg
Total Tics :					0.00			
P5153-06	E28P4	Solid	1-Methylnaphthalene		5.400	0.99	3.8	ug/Kg
P5153-06	E28P4	Solid	2-Methylnaphthalene		7.500	0.4	3.8	ug/Kg
P5153-06	E28P4	Solid	Acenaphthene		24.000	0.45	3.8	ug/Kg
P5153-06	E28P4	Solid	Anthracene		54.000	0.6	3.8	ug/Kg
P5153-06	E28P4	Solid	Benzo(a)anthracene		66.000	E 0.49	3.8	ug/Kg
P5153-06	E28P4	Solid	Benzo(a)pyrene		57.000	0.42	3.8	ug/Kg
P5153-06	E28P4	Solid	Benzo(b)fluoranthene		71.000	E 0.24	3.8	ug/Kg
P5153-06	E28P4	Solid	Benzo(g,h,i)perylene		33.000	1.1	3.8	ug/Kg
P5153-06	E28P4	Solid	Benzo(k)fluoranthene		24.000	0.45	3.8	ug/Kg
P5153-06	E28P4	Solid	Chrysene		66.000	E 0.49	3.8	ug/Kg
P5153-06	E28P4	Solid	Dibenzo(a,h)anthracene		7.900	1	3.8	ug/Kg
P5153-06	E28P4	Solid	Fluoranthene		210.000	E 0.79	3.8	ug/Kg
P5153-06	E28P4	Solid	Fluorene		26.000	0.79	3.8	ug/Kg
P5153-06	E28P4	Solid	Indeno(1,2,3-cd)pyrene		26.000	1	3.8	ug/Kg
P5153-06	E28P4	Solid	Naphthalene		3.500	J 0.43	3.8	ug/Kg
P5153-06	E28P4	Solid	Phenanthrene		190.000	E 0.59	3.8	ug/Kg
P5153-06	E28P4	Solid	Pyrene		160.000	E 0.6	3.8	ug/Kg

Total Svoc : 1,031.30

Total Concentration: 1,031.30

Client ID : E28P5

P5153-07	E28P5	Solid	Total Alkanes	*	0.000	1.3	7.9	ug/Kg
Total Tics :					0.00			

Hit Summary Sheet SW-846

SDG No.: BN121024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5153-07	E28P5	Solid	1-Methylnaphthalene	1.200	J	1	3.9	ug/Kg
P5153-07	E28P5	Solid	2-Methylnaphthalene	1.800	J	0.4	3.9	ug/Kg
P5153-07	E28P5	Solid	Acenaphthylene	0.790	J	0.56	3.9	ug/Kg
P5153-07	E28P5	Solid	Anthracene	0.950	J	0.62	3.9	ug/Kg
P5153-07	E28P5	Solid	Benzo(a)anthracene	4.700		0.5	3.9	ug/Kg
P5153-07	E28P5	Solid	Benzo(a)pyrene	6.100		0.43	3.9	ug/Kg
P5153-07	E28P5	Solid	Benzo(b)fluoranthene	8.500		0.25	3.9	ug/Kg
P5153-07	E28P5	Solid	Benzo(g,h,i)perylene	4.200		1.2	3.9	ug/Kg
P5153-07	E28P5	Solid	Benzo(k)fluoranthene	3.400	J	0.46	3.9	ug/Kg
P5153-07	E28P5	Solid	Chrysene	5.900		0.5	3.9	ug/Kg
P5153-07	E28P5	Solid	Fluoranthene	13.000		0.8	3.9	ug/Kg
P5153-07	E28P5	Solid	Indeno(1,2,3-cd)pyrene	3.300	J	1	3.9	ug/Kg
P5153-07	E28P5	Solid	Naphthalene	1.300	J	0.44	3.9	ug/Kg
P5153-07	E28P5	Solid	Phenanthrene	6.000		0.6	3.9	ug/Kg
P5153-07	E28P5	Solid	Pyrene	12.000		0.62	3.9	ug/Kg
Total Svoc :				73.14				
Total Concentration:				73.14				
Client ID : E28P6								
P5153-08	E28P6	Solid	Total Alkanes	*	0.000	1.2	7.5	ug/Kg
Total Tics :				0.00				
P5153-08	E28P6	Solid	Chrysene	1.100	J	0.47	3.7	ug/Kg
P5153-08	E28P6	Solid	Fluoranthene	1.200	J	0.76	3.7	ug/Kg
Total Svoc :				2.30				
Total Concentration:				2.30				
Client ID : E28P7								
P5153-09	E28P7	Solid	Total Alkanes	*	0.000	1.2	7.3	ug/Kg
Total Tics :				0.00				
P5153-09	E28P7	Solid	1-Methylnaphthalene	0.980	J	0.93	3.6	ug/Kg
P5153-09	E28P7	Solid	2-Methylnaphthalene	1.000	J	0.37	3.6	ug/Kg
P5153-09	E28P7	Solid	Chrysene	1.600	J	0.46	3.6	ug/Kg
P5153-09	E28P7	Solid	Fluoranthene	0.840	J	0.74	3.6	ug/Kg
P5153-09	E28P7	Solid	Naphthalene	0.980	J	0.4	3.6	ug/Kg
P5153-09	E28P7	Solid	Phenanthrene	1.100	J	0.56	3.6	ug/Kg
Total Svoc :				6.50				
Total Concentration:				6.50				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121024 SAS No.: BN121024 SDG NO.: BN121024

EPA Sample No.: SSTD0.4225

Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BN035136.D

Time Analyzed: 16:06

Instrument ID: BNA_N

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2538	7.55	5912	10.31	3911	14.19
	UPPER LIMIT	5076	8.05	11824	10.812	7822	14.689
	LOWER LIMIT	1269	7.05	2956	9.812	1955.5	13.689
	EPA SAMPLE NO.						
01	SBLK441	2197	7.29	5713	10.04	3572	13.95
02	E28M8	2772	7.29	7301	10.04	4443	13.95
03	E28N7	3234	7.29	9066	10.04	6117	13.95
04	E28N4	2923	7.29	7929	10.04	4810	13.95
05	E28N5	3276	7.29	9454	10.04	6298	13.95
06	E28M4	3322	7.29	8988	10.04	5477	13.95
07	E28M6	3170	7.29	9191	10.04	6096	13.95
08	E28M7	3013	7.29	8312	10.04	5253	13.95
09	E28M9	3100	7.29	8801	10.04	5548	13.95
10	E28N0	3513	7.29	10380	10.04	6701	13.95
11	E28N6	3422	7.29	9774	10.04	6418	13.95
12	E28M3	2966	7.29	8454	10.04	5578	13.95
13	E28N2	3054	7.29	8731	10.04	5812	13.95
14	SLCS441	3178	7.29	8889	10.04	6089	13.95
15	SLCS439	2685	7.29	7128	10.04	4572	13.95
16	SBLK441	2561	7.29	6800	10.04	4254	13.95
17	SBLK439	2486	7.29	6501	10.04	4057	13.95
18	E28N8	3205	7.29	8383	10.04	5291	13.95
19	E28N8MS	3490	7.29	9749	10.04	6337	13.95
20	E28N8MSD	3626	7.29	10477	10.04	6895	13.95
21	E28M0	3471	7.29	9779	10.04	6054	13.95
22	E28M2	2801	7.29	7870	10.04	5876	13.95
23	E28M5	2596	7.29	7942	10.04	5200	13.95

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121024 SAS No.: BN121024 SDG NO.: BN121024

EPA Sample No.: SSTD0.4225 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 07:06

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2538	7.55	5912	10.31	3911	14.19
	UPPER LIMIT	5076	8.05	11824	10.812	7822	14.689
	LOWER LIMIT	1269	7.05	2956	9.812	1955.5	13.689
	EPA SAMPLE NO.						
24	E28N1	3128	7.29	9328	10.04	6146	13.95
25	E28N3	2783	7.29	8287	10.04	6909	13.95
26	E28MODL	2767	7.29	7670	10.04	4831	13.95
27	E28M2DL	3108	7.29	9600	10.04	6365	13.95
28	SBLK517	2707	7.29	7674	10.04	4970	13.95
29	BHK72	2833	7.29	8187	10.04	5484	13.95
30	BHK72MS	2277	7.29	6546	10.04	4484	13.95
31	BHK72MSD	2424	7.29	6849	10.04	4651	13.95
32	E28N9	2523	7.29	7451	10.04	4969	13.95
33	E28P0	2704	7.29	8379	10.04	5349	13.95
34	E28P1	2714	7.29	7878	10.04	5523	13.95
35	E28P2	2521	7.29	7339	10.04	5023	13.95
36	E28P4	3036	7.29	8721	10.04	6101	13.95
37	E28P5	2765	7.29	8289	10.04	5606	13.95
38	E28P6	2570	7.29	7419	10.04	4833	13.95
39	E28P7	2477	7.29	7262	10.04	4969	13.95
40	SLCS482	2520	7.29	7352	10.04	4997	13.95
41	SLCS517	2446	7.29	6982	10.04	4752	13.95
42	SBLK482	2556	7.29	7158	10.04	4707	13.95

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121024 SAS No.: BN121024 SDG NO.: BN121024

EPA Sample No.: SSTD0.4225 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 20:54

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2538	7.55	5912	10.31	3911	14.19
UPPER LIMIT	5076	8.05	11824	10.812	7822	14.689
LOWER LIMIT	1269	7.05	2956	9.812	1955.5	13.689
EPA SAMPLE NO.						

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.: BN121024 SAS No.: BN121024 SDG NO.: BN121024

EPA Sample No.: SSTD0.4359 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BN035532.D Time Analyzed: 16:06

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	2761	7.293	7076	10.04	4511	13.95
UPPER LIMIT	5522	7.793	14152	10.536	9022	14.449
LOWER LIMIT	1380.5	6.793	3538	9.536	2255.5	13.449
EPA SAMPLE NO.						
01 SBLK441	2197	7.29	5713	10.04	3572	13.95
02 E28M8	2772	7.29	7301	10.04	4443	13.95
03 E28N7	3234	7.29	9066	10.04	6117	13.95
04 E28N4	2923	7.29	7929	10.04	4810	13.95
05 E28N5	3276	7.29	9454	10.04	6298	13.95
06 E28M4	3322	7.29	8988	10.04	5477	13.95
07 E28M6	3170	7.29	9191	10.04	6096	13.95
08 E28M7	3013	7.29	8312	10.04	5253	13.95
09 E28M9	3100	7.29	8801	10.04	5548	13.95
10 E28N0	3513	7.29	10380	10.04	6701	13.95
11 E28N6	3422	7.29	9774	10.04	6418	13.95
12 E28M3	2966	7.29	8454	10.04	5578	13.95
13 E28N2	3054	7.29	8731	10.04	5812	13.95
14 SLCS441	3178	7.29	8889	10.04	6089	13.95
15 SLCS439	2685	7.29	7128	10.04	4572	13.95

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.: BN121024 SAS No.: BN121024 SDG NO.: BN121024

EPA Sample No.: SSTD0.4360 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BN035548.D Time Analyzed: 02:18

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	2991	7.293	7889	10.04	5161	13.95
UPPER LIMIT	5982	7.793	15778	10.537	10322	14.449
LOWER LIMIT	1495.5	6.793	3944.5	9.537	2580.5	13.449
EPA SAMPLE NO.						
01 SBLK441	2561	7.29	6800	10.04	4254	13.95
02 SBLK439	2486	7.29	6501	10.04	4057	13.95
03 E28N8	3205	7.29	8383	10.04	5291	13.95
04 E28N8MS	3490	7.29	9749	10.04	6337	13.95
05 E28N8MSD	3626	7.29	10477	10.04	6895	13.95
06 E28M0	3471	7.29	9779	10.04	6054	13.95
07 E28M2	2801	7.29	7870	10.04	5876	13.95
08 E28M5	2596	7.29	7942	10.04	5200	13.95
09 E28N1	3128	7.29	9328	10.04	6146	13.95
10 E28N3	2783	7.29	8287	10.04	6909	13.95
11 E28MODL	2767	7.29	7670	10.04	4831	13.95
12 E28M2DL	3108	7.29	9600	10.04	6365	13.95

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.: BN121024 SAS No.: BN121024 SDG NO.: BN121024

EPA Sample No.: SSTD0.4361 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BN035561.D Time Analyzed: 12:28

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	1907	7.293	5715	10.04	3696	13.95
UPPER LIMIT	3814	7.793	11430	10.536	7392	14.449
LOWER LIMIT	953.5	6.793	2857.5	9.536	1848	13.449
EPA SAMPLE NO.						
01 SBLK517	2707	7.29	7674	10.04	4970	13.95
02 BHK72	2833	7.29	8187	10.04	5484	13.95
03 BHK72MS	2277	7.29	6546	10.04	4484	13.95
04 BHK72MSD	2424	7.29	6849	10.04	4651	13.95
05 E28N9	2523	7.29	7451	10.04	4969	13.95
06 E28P0	2704	7.29	8379	10.04	5349	13.95
07 E28P1	2714	7.29	7878	10.04	5523	13.95
08 E28P2	2521	7.29	7339	10.04	5023	13.95
09 E28P4	3036	7.29	8721	10.04	6101	13.95
10 E28P5	2765	7.29	8289	10.04	5606	13.95
11 E28P6	2570	7.29	7419	10.04	4833	13.95
12 E28P7	2477	7.29	7262	10.04	4969	13.95
13 SLCS482	2520	7.29	7352	10.04	4997	13.95
14 SLCS517	2446	7.29	6982	10.04	4752	13.95
15 SBLK482	2556	7.29	7158	10.04	4707	13.95

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.: BN121024 SAS No.: BN121024 SDG NO.: BN121024

EPA Sample No.: SSTD0.4225 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 16:06

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	8422	16.941	7282	21.154	7906	23.331
	UPPER LIMIT	16844	17.441	14564	21.654	15812	23.831
	LOWER LIMIT	4211	16.441	3641	20.654	3953	22.831
	EPA SAMPLE NO.						
01	SBLK441	8072	16.72	6060	20.96	5287	23.05
02	E28M8	9443	16.72	7252	20.96	6807	23.05
03	E28N7	12384	16.72	8043	20.96	7522	23.05
04	E28N4	9844	16.72	7827	20.96	7462	23.05
05	E28N5	13273	16.72	8460	20.96	7104	23.05
06	E28M4	11233	16.72	9040	20.96	8673	23.05
07	E28M6	12458	16.72	8104	20.96	6935	23.05
08	E28M7	11091	16.72	8277	20.96	8063	23.05
09	E28M9	10938	16.72	7457	20.96	6944	23.05
10	E28N0	13610	16.72	8629	20.96	7837	23.05
11	E28N6	12879	16.72	8324	20.96	7607	23.05
12	E28M3	11215	16.72	7359	20.96	6428	23.05
13	E28N2	11785	16.72	7436	20.96	6890	23.05
14	SLCS441	12776	16.72	8032	20.96	7617	23.05
15	SLCS439	9034	16.72	5892	20.96	6150	23.05
16	SBLK441	8806	16.72	6158	20.96	5915	23.05
17	SBLK439	8694	16.72	6486	20.96	6184	23.05
18	E28N8	10917	16.72	8063	20.96	7904	23.06
19	E28N8MS	11114	16.72	7282	20.96	7625	23.06
20	E28N8MSD	12206	16.72	7363	20.96	7992	23.05
21	E28M0	10230	16.72	6662	20.97	7108	23.07

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121024 SAS No.: BN121024 SDG NO.: BN121024

EPA Sample No.: SSTD0.4225 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 05:54

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	8422	16.941	7282	21.154	7906	23.331
	UPPER LIMIT	16844	17.441	14564	21.654	15812	23.831
	LOWER LIMIT	4211	16.441	3641	20.654	3953	22.831
	EPA SAMPLE NO.						
22	E28M2	9560	16.72	6783	20.97	7258	23.07
23	E28M5	9814	16.72	5479	20.96	5943	23.05
24	E28N1	11052	16.72	7440	20.96	7990	23.05
25	E28N3	9097	16.72	6081	20.96	6559	23.05
26	E28MODL	9471	16.72	7467	20.96	8227	23.06
27	E28M2DL	11613	16.72	6848	20.96	8066	23.06
28	SBLK517	10481	16.72	7983	20.96	8011	23.05
29	BHK72	11778	16.72	8753	20.96	8318	23.05
30	BHK72MS	9911	16.72	8456	20.96	8882	23.05
31	BHK72MSD	10145	16.72	8263	20.96	9170	23.05
32	E28N9	10726	16.72	8254	20.96	8246	23.05
33	E28P0	11428	16.72	8652	20.96	7854	23.05
34	E28P1	12382	16.72	9439	20.96	8666	23.05
35	E28P2	10737	16.72	8459	20.96	7349	23.05
36	E28P4	12036	16.72	7896	20.96	7351	23.06
37	E28P5	11795	16.72	8568	20.96	7578	23.05
38	E28P6	9719	16.72	6901	20.96	6799	23.05
39	E28P7	10572	16.72	7689	20.96	6948	23.05
40	SLCS482	10510	16.72	7880	20.96	7629	23.05
41	SLCS517	10037	16.72	7524	20.96	7293	23.05
42	SBLK482	10004	16.72	6679	20.96	6097	23.05

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121024 SAS No.: BN121024 SDG NO.: BN121024

EPA Sample No.: SSTD0.4225 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BN035136.D Time Analyzed: 20:54

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	8422	16.941	7282	21.154	7906	23.331
UPPER LIMIT	16844	17.441	14564	21.654	15812	23.831
LOWER LIMIT	4211	16.441	3641	20.654	3953	22.831
EPA SAMPLE NO.						

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.: BN121024 SAS No.: BN121024 SDG NO.: BN121024

EPA Sample No.: SSTD0.4359 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BN035532.D Time Analyzed: 16:06

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	9658	16.717	7088	20.961	7260	23.051
	UPPER LIMIT	19316	17.217	14176	21.461	14520	23.551
	LOWER LIMIT	4829	16.217	3544	20.461	3630	22.551
	EPA SAMPLE NO.						
01	SBLK441	8072	16.72	6060	20.96	5287	23.05
02	E28M8	9443	16.72	7252	20.96	6807	23.05
03	E28N7	12384	16.72	8043	20.96	7522	23.05
04	E28N4	9844	16.72	7827	20.96	7462	23.05
05	E28N5	13273	16.72	8460	20.96	7104	23.05
06	E28M4	11233	16.72	9040	20.96	8673	23.05
07	E28M6	12458	16.72	8104	20.96	6935	23.05
08	E28M7	11091	16.72	8277	20.96	8063	23.05
09	E28M9	10938	16.72	7457	20.96	6944	23.05
10	E28N0	13610	16.72	8629	20.96	7837	23.05
11	E28N6	12879	16.72	8324	20.96	7607	23.05
12	E28M3	11215	16.72	7359	20.96	6428	23.05
13	E28N2	11785	16.72	7436	20.96	6890	23.05
14	SLCS441	12776	16.72	8032	20.96	7617	23.05
15	SLCS439	9034	16.72	5892	20.96	6150	23.05

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121024 SAS No.: BN121024 SDG NO.: BN121024

EPA Sample No.: SSTD0.4359 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BN035532.D Time Analyzed: 00:30

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	9658	16.717	7088	20.961	7260	23.051
UPPER LIMIT	19316	17.217	14176	21.461	14520	23.551
LOWER LIMIT	4829	16.217	3544	20.461	3630	22.551
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.: BN121024 SAS No.: BN121024 SDG NO.: BN121024

EPA Sample No.: SSTD0.4360 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BN035548.D Time Analyzed: 02:18

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	10408	16.717	6553	20.961	6927	23.051
	UPPER LIMIT	20816	17.217	13106	21.461	13854	23.551
	LOWER LIMIT	5204	16.217	3276.5	20.461	3463.5	22.551
	EPA SAMPLE NO.						
01	SBLK441	8806	16.72	6158	20.96	5915	23.05
02	SBLK439	8694	16.72	6486	20.96	6184	23.05
03	E28N8	10917	16.72	8063	20.96	7904	23.06
04	E28N8MS	11114	16.72	7282	20.96	7625	23.06
05	E28N8MSD	12206	16.72	7363	20.96	7992	23.05
06	E28M0	10230	16.72	6662	20.97	7108	23.07
07	E28M2	9560	16.72	6783	20.97	7258	23.07
08	E28M5	9814	16.72	5479	20.96	5943	23.05
09	E28N1	11052	16.72	7440	20.96	7990	23.05
10	E28N3	9097	16.72	6081	20.96	6559	23.05
11	E28M0DL	9471	16.72	7467	20.96	8227	23.06
12	E28M2DL	11613	16.72	6848	20.96	8066	23.06

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.: BN121024 SAS No.: BN121024 SDG NO.: BN121024

EPA Sample No.: SSTD0.4361 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BN035561.D Time Analyzed: 12:28

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	7996	16.717	7471	20.961	9032	23.054
	UPPER LIMIT	15992	17.217	14942	21.461	18064	23.554
	LOWER LIMIT	3998	16.217	3735.5	20.461	4516	22.554
	EPA SAMPLE NO.						
01	SBLK517	10481	16.72	7983	20.96	8011	23.05
02	BHK72	11778	16.72	8753	20.96	8318	23.05
03	BHK72MS	9911	16.72	8456	20.96	8882	23.05
04	BHK72MSD	10145	16.72	8263	20.96	9170	23.05
05	E28N9	10726	16.72	8254	20.96	8246	23.05
06	E28P0	11428	16.72	8652	20.96	7854	23.05
07	E28P1	12382	16.72	9439	20.96	8666	23.05
08	E28P2	10737	16.72	8459	20.96	7349	23.05
09	E28P4	12036	16.72	7896	20.96	7351	23.06
10	E28P5	11795	16.72	8568	20.96	7578	23.05
11	E28P6	9719	16.72	6901	20.96	6799	23.05
12	E28P7	10572	16.72	7689	20.96	6948	23.05
13	SLCS482	10510	16.72	7880	20.96	7629	23.05
14	SLCS517	10037	16.72	7524	20.96	7293	23.05
15	SBLK482	10004	16.72	6679	20.96	6097	23.05

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121024 SAS No.: BN121024 SDG NO.: BN121024

EPA Sample No.: SSTD0.4361 Date Analyzed: Dec 11 2024 12:00AM

Lab File ID: BN035561.D Time Analyzed: 20:54

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	7996	16.717	7471	20.961	9032	23.054
UPPER LIMIT	15992	17.217	14942	21.461	18064	23.554
LOWER LIMIT	3998	16.217	3735.5	20.461	4516	22.554
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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN121024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165439BS	1,4-Dioxane	1900	1800	ug/Kg	95				0	0	
	Naphthalene	390	360	ug/Kg	92				0	0	
	1-Methylnaphthalene	390	360	ug/Kg	92				0	0	
	2-Methylnaphthalene	390	340	ug/Kg	87				0	0	
	Acenaphthylene	390	360	ug/Kg	92				0	0	
	Acenaphthene	390	370	ug/Kg	95				0	0	
	Fluorene	390	340	ug/Kg	87				0	0	
	Pentachlorophenol	780	610	ug/Kg	78				0	0	
	Phenanthrene	390	370	ug/Kg	95				0	0	
	Anthracene	390	340	ug/Kg	87				0	0	
	Fluoranthene	390	420	ug/Kg	108				0	0	
	Pyrene	390	420	ug/Kg	108				0	0	
	Benzo(a)anthracene	390	340	ug/Kg	87				0	0	
	Chrysene	390	400	ug/Kg	103				0	0	
	Benzo(b)fluoranthene	390	370	ug/Kg	95				0	0	
	Benzo(k)fluoranthene	390	410	ug/Kg	105				0	0	
	Benzo(a)pyrene	390	370	ug/Kg	95				0	0	
	Indeno(1,2,3-cd)pyrene	390	400	ug/Kg	103				0	0	
	Dibenzo(a,h)anthracene	390	360	ug/Kg	92				0	0	
	Benzo(g,h,i)perylene	390	390	ug/Kg	100				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN121024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165441BS	1,4-Dioxane	66.7	57	ug/Kg	85				0	0		
	Naphthalene	13.3	12	ug/Kg	90				0	0		
	1-Methylnaphthalene	13.3	12	ug/Kg	90				0	0		
	2-Methylnaphthalene	13.3	11	ug/Kg	83				0	0		
	Acenaphthylene	13.3	11	ug/Kg	83				0	0		
	Acenaphthene	13.3	12	ug/Kg	90				0	0		
	Fluorene	13.3	11	ug/Kg	83				0	0		
	Pentachlorophenol	26.7	20	ug/Kg	75				0	0		
	Phenanthrene	13.3	12	ug/Kg	90				0	0		
	Anthracene	13.3	11	ug/Kg	83				0	0		
	Fluoranthene	13.3	14	ug/Kg	105				0	0		
	Pyrene	13.3	14	ug/Kg	105				0	0		
	Benzo(a)anthracene	13.3	11	ug/Kg	83				0	0		
	Chrysene	13.3	13	ug/Kg	98				0	0		
	Benzo(b)fluoranthene	13.3	12	ug/Kg	90				0	0		
	Benzo(k)fluoranthene	13.3	13	ug/Kg	98				0	0		
	Benzo(a)pyrene	13.3	12	ug/Kg	90				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	12	ug/Kg	90				0	0		
	Dibenzo(a,h)anthracene	13.3	11	ug/Kg	83				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.: BN121024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165482BS	1,4-Dioxane	66.7	53	ug/Kg	79				0	0		
	Naphthalene	13.3	11	ug/Kg	83				0	0		
	1-Methylnaphthalene	13.3	11	ug/Kg	83				0	0		
	2-Methylnaphthalene	13.3	10	ug/Kg	75				0	0		
	Acenaphthylene	13.3	11	ug/Kg	83				0	0		
	Acenaphthene	13.3	11	ug/Kg	83				0	0		
	Fluorene	13.3	10	ug/Kg	75				0	0		
	Pentachlorophenol	26.7	23	ug/Kg	86				0	0		
	Phenanthrene	13.3	11	ug/Kg	83				0	0		
	Anthracene	13.3	10	ug/Kg	75				0	0		
	Fluoranthene	13.3	12	ug/Kg	90				0	0		
	Pyrene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)anthracene	13.3	11	ug/Kg	83				0	0		
	Chrysene	13.3	11	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(k)fluoranthene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)pyrene	13.3	11	ug/Kg	83				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	9.5	ug/Kg	71				0	0		
	Dibenzo(a,h)anthracene	13.3	9.2	ug/Kg	69				0	0		
	Benzo(g,h,i)perylene	13.3	9.6	ug/Kg	72				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN121024

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165517BS	1,4-Dioxane	2	1.8	ug/L	90				0	0		
	Naphthalene	0.4	0.38	ug/L	95				0	0		
	1-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	2-Methylnaphthalene	0.4	0.37	ug/L	93				0	0		
	Acenaphthylene	0.4	0.37	ug/L	93				0	0		
	Acenaphthene	0.4	0.38	ug/L	95				0	0		
	Fluorene	0.4	0.37	ug/L	93				0	0		
	Pentachlorophenol	0.8	0.83	ug/L	104				0	0		
	Phenanthrene	0.4	0.38	ug/L	95				0	0		
	Anthracene	0.4	0.37	ug/L	93				0	0		
	Fluoranthene	0.4	0.41	ug/L	103				0	0		
	Pyrene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)anthracene	0.4	0.38	ug/L	95				0	0		
	Chrysene	0.4	0.4	ug/L	100				0	0		
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				0	0		
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)pyrene	0.4	0.39	ug/L	98				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.34	ug/L	85				0	0		
	Dibenzo(a,h)anthracene	0.4	0.34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	0.4	0.34	ug/L	85				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK439

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN121024

SAS No.: BN121024 SDG NO.: BN121024

Lab File ID: BN035550.D

Lab Sample ID: PB165439BL

Instrument ID: BNA_N

Date Extracted: 12/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/11/2024

Level: (low/med) MED

Time Analyzed: 02:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165439BS	PB165439BS	BN035547.D	12/11/2024
E28M0	P5066-01	BN035554.D	12/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK441

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN121024

SAS No.: BN121024 SDG NO.: BN121024

Lab File ID: BN035533.D

Lab Sample ID: PB165441BL

Instrument ID: BNA_N

Date Extracted: 12/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/10/2024

Level: (low/med) LOW

Time Analyzed: 16:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28N8	P5066-20	BN035551.D	12/11/2024
E28N8MS	P5066-21MS	BN035552.D	12/11/2024
E28N8MSD	P5066-22MSD	BN035553.D	12/11/2024
E28M8	P5066-09	BN035534.D	12/10/2024
E28N7	P5066-19	BN035535.D	12/10/2024
E28N4	P5066-16	BN035536.D	12/10/2024
E28N5	P5066-17	BN035537.D	12/10/2024
E28M4	P5066-05	BN035538.D	12/10/2024
E28M6	P5066-07	BN035539.D	12/10/2024
E28M7	P5066-08	BN035540.D	12/10/2024
E28M9	P5066-11	BN035541.D	12/10/2024
E28N0	P5066-12	BN035542.D	12/10/2024
E28N6	P5066-18	BN035543.D	12/10/2024
E28M3	P5066-04	BN035544.D	12/10/2024
E28N2	P5066-14	BN035545.D	12/10/2024
PB165441BS	PB165441BS	BN035546.D	12/10/2024
E28M2	P5066-03	BN035555.D	12/11/2024
E28M5	P5066-06	BN035556.D	12/11/2024
E28N1	P5066-13	BN035557.D	12/11/2024
E28N3	P5066-15	BN035558.D	12/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK482

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN121024SAS No.: BN121024 SDG NO.: BN121024Lab File ID: BN035576.DLab Sample ID: PB165482BLInstrument ID: BNA_NDate Extracted: 12/09/2024Matrix: (soil/water) SolidDate Analyzed: 12/11/2024Level: (low/med) LOWTime Analyzed: 20:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28N9	P5153-01	BN035566.D	12/11/2024
E28P0	P5153-02	BN035567.D	12/11/2024
E28P1	P5153-03	BN035568.D	12/11/2024
E28P2	P5153-04	BN035569.D	12/11/2024
E28P4	P5153-06	BN035570.D	12/11/2024
E28P5	P5153-07	BN035571.D	12/11/2024
E28P6	P5153-08	BN035572.D	12/11/2024
E28P7	P5153-09	BN035573.D	12/11/2024
PB165482BS	PB165482BS	BN035574.D	12/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK517

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN121024

SAS No.: BN121024 SDG NO.: BN121024

Lab File ID: BN035562.D

Lab Sample ID: PB165517BL

Instrument ID: BNA_N

Date Extracted: 12/10/2024

Matrix: (soil/water) Water

Date Analyzed: 12/11/2024

Level: (low/med) LOW

Time Analyzed: 12:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHK72	P5152-01	BN035563.D	12/11/2024
BHK72MS	P5152-02MS	BN035564.D	12/11/2024
BHK72MSD	P5152-03MSD	BN035565.D	12/11/2024
PB165517BS	PB165517BS	BN035575.D	12/11/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN121024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5152-02MS	Client Sample ID:	BHK72MS					DataFile:	BN035564.D		
1,4-Dioxane	2		0.79	ug/L	40				15	120	
Naphthalene	0.4	0.05	0.4	ug/L	88				0	0	
1-Methylnaphthalene	0.4		0.36	ug/L	90				0	0	
2-Methylnaphthalene	0.4		0.36	ug/L	90				0	0	
Acenaphthylene	0.4		0.36	ug/L	90				0	0	
Acenaphthene	0.4		0.36	ug/L	90				46	118	
Fluorene	0.4		0.36	ug/L	90				0	0	
Pentachlorophenol	0.8		0.69	ug/L	86				9	103	
Phenanthrene	0.4		0.39	ug/L	98				0	0	
Anthracene	0.4		0.38	ug/L	95				0	0	
Fluoranthene	0.4		0.43	ug/L	108				0	0	
Pyrene	0.4		0.44	ug/L	110				26	127	
Benzo(a)anthracene	0.4		0.43	ug/L	108				0	0	
Chrysene	0.4		0.44	ug/L	110				0	0	
Benzo(b)fluoranthene	0.4		0.42	ug/L	105				0	0	
Benzo(k)fluoranthene	0.4		0.44	ug/L	110				0	0	
Benzo(a)pyrene	0.4		0.42	ug/L	105				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.4	ug/L	100				0	0	
Dibenzo(a,h)anthracene	0.4		0.41	ug/L	103				0	0	
Benzo(g,h,i)perylene	0.4		0.37	ug/L	93				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN121024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5152-03MSD	Client Sample ID:	BHK72MSD					DataFile:	BN035565.D		
1,4-Dioxane	2		0.74	ug/L	37		8		15	120	50
Naphthalene	0.4	0.05	0.39	ug/L	85		3	*	0	0	0
1-Methylnaphthalene	0.4		0.34	ug/L	85		6	*	0	0	0
2-Methylnaphthalene	0.4		0.33	ug/L	83		8	*	0	0	0
Acenaphthylene	0.4		0.33	ug/L	83		8	*	0	0	0
Acenaphthene	0.4		0.34	ug/L	85		6		46	118	31
Fluorene	0.4		0.34	ug/L	85		6	*	0	0	0
Pentachlorophenol	0.8		0.41	ug/L	51		51	*	9	103	50
Phenanthrene	0.4		0.36	ug/L	90		9	*	0	0	0
Anthracene	0.4		0.35	ug/L	88		8	*	0	0	0
Fluoranthene	0.4		0.41	ug/L	103		5	*	0	0	0
Pyrene	0.4		0.42	ug/L	105		5		26	127	31
Benzo(a)anthracene	0.4		0.41	ug/L	103		5	*	0	0	0
Chrysene	0.4		0.41	ug/L	103		7	*	0	0	0
Benzo(b)fluoranthene	0.4		0.37	ug/L	93		12	*	0	0	0
Benzo(k)fluoranthene	0.4		0.39	ug/L	98		12	*	0	0	0
Benzo(a)pyrene	0.4		0.39	ug/L	98		7	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.38	ug/L	95		5	*	0	0	0
Dibenzo(a,h)anthracene	0.4		0.34	ug/L	85		19	*	0	0	0
Benzo(g,h,i)perylene	0.4		0.34	ug/L	85		9	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN121024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5066-21MS	Client Sample ID:	E28N8MS					DataFile:	BN035552.D		
1,4-Dioxane	85.1		52	ug/Kg	61				15	120	
Naphthalene	17	1.4	14	ug/Kg	74				0	0	
1-Methylnaphthalene	17	3.9	17	ug/Kg	77				0	0	
2-Methylnaphthalene	17	5	18	ug/Kg	76				0	0	
Acenaphthylene	17		14	ug/Kg	82				0	0	
Acenaphthene	17	0.94	14	ug/Kg	77				31	137	
Fluorene	17	5.8	17	ug/Kg	66				0	0	
Pentachlorophenol	34		0	ug/Kg	0	*			17	109	
Phenanthrene	17	30	43	ug/Kg	76				0	0	
Anthracene	17		15	ug/Kg	88				0	0	
Fluoranthene	17	9.8	28	ug/Kg	107				0	0	
Pyrene	17	9.1	28	ug/Kg	111				35	142	
Benzo(a)anthracene	17	2.6	17	ug/Kg	85				0	0	
Chrysene	17	12	27	ug/Kg	88				0	0	
Benzo(b)fluoranthene	17		19	ug/Kg	112				0	0	
Benzo(k)fluoranthene	17		16	ug/Kg	94				0	0	
Benzo(a)pyrene	17		17	ug/Kg	100				0	0	
Indeno(1,2,3-cd)pyrene	17		16	ug/Kg	94				0	0	
Dibenzo(a,h)anthracene	17		14	ug/Kg	82				0	0	
Benzo(g,h,i)perylene	17		17	ug/Kg	100				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN121024

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5066-22MSD	Client Sample ID:	E28N8MSD					DataFile:	BN035553.D		
1,4-Dioxane	85.2		49	ug/Kg	58		5		15	120	50
Naphthalene	17	1.4	13	ug/Kg	68		8	*	0	0	0
1-Methylnaphthalene	17	3.9	16	ug/Kg	71		8	*	0	0	0
2-Methylnaphthalene	17	5	17	ug/Kg	71		7	*	0	0	0
Acenaphthylene	17		13	ug/Kg	76		8	*	0	0	0
Acenaphthene	17	0.94	13	ug/Kg	71		8		31	137	19
Fluorene	17	5.8	16	ug/Kg	60		10	*	0	0	0
Pentachlorophenol	34.1		0	ug/Kg	0	*			17	109	47
Phenanthrene	17	30	40	ug/Kg	59		25	*	0	0	0
Anthracene	17		14	ug/Kg	82		7	*	0	0	0
Fluoranthene	17	9.8	28	ug/Kg	107		0		0	0	0
Pyrene	17	9.1	27	ug/Kg	105		6		35	142	36
Benzo(a)anthracene	17	2.6	16	ug/Kg	79		7	*	0	0	0
Chrysene	17	12	25	ug/Kg	76		15	*	0	0	0
Benzo(b)fluoranthene	17		17	ug/Kg	100		11	*	0	0	0
Benzo(k)fluoranthene	17		16	ug/Kg	94		0		0	0	0
Benzo(a)pyrene	17		17	ug/Kg	100		0		0	0	0
Indeno(1,2,3-cd)pyrene	17		15	ug/Kg	88		7	*	0	0	0
Dibenzo(a,h)anthracene	17		13	ug/Kg	76		8	*	0	0	0
Benzo(g,h,i)perylene	17		16	ug/Kg	94		6	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BN121024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5066-01	E28M0	BN035554.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P5066-01DL	E28M0DL	BN035559.D	1,4-Dioxane-d8	8	3.28	41		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.23	56		20	140
PB165439BL	PB165439BL	BN035550.D	1,4-Dioxane-d8	8	6.93	87		15	120
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		20	140
PB165439BS	PB165439BS	BN035547.D	1,4-Dioxane-d8	0.8	0.74	92		15	120
			Fluoranthene-d10	0.4	0.45	111		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		20	140

Surrogate Summary

SW-846

SDG No.: **BN121024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5066-03	E28M2	BN035555.D	1,4-Dioxane-d8	8	3.85	48		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		20	140
P5066-03DL	E28M2DL	BN035560.D	1,4-Dioxane-d8	8	3.44	43		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.31	76		20	140
P5066-04	E28M3	BN035544.D	1,4-Dioxane-d8	8	7.09	89		15	120
			Fluoranthene-d10	0.4	0.53	132	*	30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		20	140
P5066-05	E28M4	BN035538.D	1,4-Dioxane-d8	8	3.89	49		15	120
			Fluoranthene-d10	0.4	0.24	59		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P5066-06	E28M5	BN035556.D	1,4-Dioxane-d8	8	3.51	44		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P5066-07	E28M6	BN035539.D	1,4-Dioxane-d8	8	3.56	44		15	120
			Fluoranthene-d10	0.4	0.23	58		30	130
			2-Methylnaphthalene-d10	0.4	0.19	48		20	140
P5066-08	E28M7	BN035540.D	1,4-Dioxane-d8	8	4.82	60		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
P5066-09	E28M8	BN035534.D	1,4-Dioxane-d8	8	3.94	49		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P5066-11	E28M9	BN035541.D	1,4-Dioxane-d8	8	3.94	49		15	120
			Fluoranthene-d10	0.4	0.24	59		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		20	140
P5066-12	E28N0	BN035542.D	1,4-Dioxane-d8	8	5.57	70		15	120
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		20	140
P5066-13	E28N1	BN035557.D	1,4-Dioxane-d8	8	5.79	72		15	120
			Fluoranthene-d10	0.4	0.63	156	*	30	130
			2-Methylnaphthalene-d10	0.4	0.49	123		20	140
P5066-14	E28N2	BN035545.D	1,4-Dioxane-d8	8	4.10	51		15	120
			Fluoranthene-d10	0.4	0.27	67		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P5066-15	E28N3	BN035558.D	1,4-Dioxane-d8	8	3.95	49		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140
P5066-16	E28N4	BN035536.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Fluoranthene-d10	0.4	0.17	43		30	130
			2-Methylnaphthalene-d10	0.4	0.17	42		20	140
P5066-17	E28N5	BN035537.D	1,4-Dioxane-d8	8	5.88	73		15	120
			Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140
P5066-18	E28N6	BN035543.D	1,4-Dioxane-d8	8	3.32	41		15	120
			Fluoranthene-d10	0.4	0.22	55		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
P5066-19	E28N7	BN035535.D	1,4-Dioxane-d8	8	5.53	69		15	120

Surrogate Summary

SW-846

SDG No.: BN121024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5066-19	E28N7	BN035535.D	Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		20	140
P5066-20	E28N8	BN035551.D	1,4-Dioxane-d8	8	5.43	68		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
P5066-21MS	E28N8MS	BN035552.D	2-Methylnaphthalene-d10	0.4	0.31	77		20	140
			1,4-Dioxane-d8	0.8	0.46	57		15	120
P5066-22MSD	E28N8MSD	BN035553.D	Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		20	140
PB165441BL	PB165441BL	BN035553.D	1,4-Dioxane-d8	0.8	0.44	54		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
PB165441BS	PB165441BS	BN035549.D	2-Methylnaphthalene-d10	0.4	0.31	77		20	140
			1,4-Dioxane-d8	8	6.67	83		15	120
PB165441BS	PB165441BS	BN035533.D	1,4-Dioxane-d8	8	6.73	84		15	120
			Fluoranthene-d10	0.4	0.32	81		30	130
PB165441BS	PB165441BS	BN035546.D	Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
PB165441BS	PB165441BS	BN035533.D	2-Methylnaphthalene-d10	0.4	0.27	68		20	140
			1,4-Dioxane-d8	0.8	0.66	82		15	120
PB165441BS	PB165441BS	BN035546.D	Fluoranthene-d10	0.4	0.44	110		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		20	140

Surrogate Summary

SW-846

SDG No.: **BN121024**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5153-01	E28N9	BN035566.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P5153-02	E28P0	BN035567.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P5153-03	E28P1	BN035568.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Fluoranthene-d10	0.4	0.29	71		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P5153-04	E28P2	BN035569.D	1,4-Dioxane-d8	8	3.57	45		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P5153-06	E28P4	BN035570.D	1,4-Dioxane-d8	8	3.40	42		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P5153-07	E28P5	BN035571.D	1,4-Dioxane-d8	8	3.72	46		15	120
			Fluoranthene-d10	0.4	0.24	59		30	130
			2-Methylnaphthalene-d10	0.4	0.21	53		20	140
P5153-08	E28P6	BN035572.D	1,4-Dioxane-d8	8	4.34	54		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
P5153-09	E28P7	BN035573.D	1,4-Dioxane-d8	8	5.26	66		15	120
			Fluoranthene-d10	0.4	0.31	78		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		20	140
PB165482BL	PB165482BL	BN035576.D	1,4-Dioxane-d8	8	5.58	70		15	120
			Fluoranthene-d10	0.4	0.30	76		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
PB165482BS	PB165482BS	BN035574.D	1,4-Dioxane-d8	0.8	0.63	78		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.: BN121024

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5152-01	BHK72	BN035563.D	1,4-Dioxane-d8	8	4.31	54		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		30	130
P5152-02MS	BHK72MS	BN035564.D	1,4-Dioxane-d8	0.8	0.28	35		15	120
			Fluoranthene-d10	0.4	0.47	116		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130
P5152-03MSD	BHK72MSD	BN035565.D	1,4-Dioxane-d8	0.8	0.28	35		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
PB165517BL	PB165517BL	BN035562.D	1,4-Dioxane-d8	8	5.66	71		15	120
			Fluoranthene-d10	0.4	0.29	71		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		30	130
PB165517BS	PB165517BS	BN035575.D	1,4-Dioxane-d8	0.8	0.73	91		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN121024

Lab Code: CHEM

SAS No.: BN121024 SDG NO.: BN121024

Lab File ID: BN035531.D

DFTPP Injection Date: 12/10/2024

Instrument ID: BNA_N

DFTPP Injection Time: 14:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.2
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	31.6
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	40.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	4.8
441	Present, but less than mass 443	12
442	Greater than 50% of mass 198	73.1
443	15.0 - 24.0% of mass 442	14 (19.2) 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
SSTD0.4359	SSTDCCC0.4	BN035532.D	12/10/2024	15:30
SBLK441	PB165441BL	BN035533.D	12/10/2024	16:06
E28M8	P5066-09	BN035534.D	12/10/2024	16:42
E28N7	P5066-19	BN035535.D	12/10/2024	17:18
E28N4	P5066-16	BN035536.D	12/10/2024	17:54
E28N5	P5066-17	BN035537.D	12/10/2024	18:30
E28M4	P5066-05	BN035538.D	12/10/2024	19:06
E28M6	P5066-07	BN035539.D	12/10/2024	19:42
E28M7	P5066-08	BN035540.D	12/10/2024	20:18
E28M9	P5066-11	BN035541.D	12/10/2024	20:54
E28N0	P5066-12	BN035542.D	12/10/2024	21:30
E28N6	P5066-18	BN035543.D	12/10/2024	22:06
E28M3	P5066-04	BN035544.D	12/10/2024	22:42
E28N2	P5066-14	BN035545.D	12/10/2024	23:18
SLCS441	PB165441BS	BN035546.D	12/10/2024	23:54
SLCS439	PB165439BS	BN035547.D	12/11/2024	00:30
SSTD0.4360	SSTDCCC0.4	BN035548.D	12/11/2024	01:42
SBLK441	PB165441BL	BN035549.D	12/11/2024	02:18

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN121024

Lab Code: CHEM

SAS No.: BN121024 SDG NO.: BN121024

Lab File ID: BN035531.D

DFTPP Injection Date: 12/10/2024

Instrument ID: BNA_N

DFTPP Injection Time: 14:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.2
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	31.6
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	40.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	4.8
441	Present, but less than mass 443	12
442	Greater than 50% of mass 198	73.1
443	15.0 - 24.0% of mass 442	14 (19.2) 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
SBLK439	PB165439BL	BN035550.D	12/11/2024	02:54
E28N8	P5066-20	BN035551.D	12/11/2024	03:30
E28N8MS	P5066-21MS	BN035552.D	12/11/2024	04:06
E28N8MSD	P5066-22MSD	BN035553.D	12/11/2024	04:42
E28M0	P5066-01	BN035554.D	12/11/2024	05:18
E28M2	P5066-03	BN035555.D	12/11/2024	05:54
E28M5	P5066-06	BN035556.D	12/11/2024	06:30
E28N1	P5066-13	BN035557.D	12/11/2024	07:06
E28N3	P5066-15	BN035558.D	12/11/2024	07:42
E28M0DL	P5066-01DL	BN035559.D	12/11/2024	09:21
E28M2DL	P5066-03DL	BN035560.D	12/11/2024	10:34
SSTD0.4361	SSTDCCC0.4	BN035561.D	12/11/2024	11:51
SBLK517	PB165517BL	BN035562.D	12/11/2024	12:28
BHK72	P5152-01	BN035563.D	12/11/2024	13:04
BHK72MS	P5152-02MS	BN035564.D	12/11/2024	13:40
BHK72MSD	P5152-03MSD	BN035565.D	12/11/2024	14:16
E28N9	P5153-01	BN035566.D	12/11/2024	14:52
E28P0	P5153-02	BN035567.D	12/11/2024	15:29

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN121024

Lab Code: CHEM

SAS No.: BN121024 SDG NO.: BN121024

Lab File ID: BN035531.D

DFTPP Injection Date: 12/10/2024

Instrument ID: BNA_N

DFTPP Injection Time: 14:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.2
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	31.6
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	40.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	4.8
441	Present, but less than mass 443	12
442	Greater than 50% of mass 198	73.1
443	15.0 - 24.0% of mass 442	14 (19.2) 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
E28P1	P5153-03	BN035568.D	12/11/2024	16:05
E28P2	P5153-04	BN035569.D	12/11/2024	16:41
E28P4	P5153-06	BN035570.D	12/11/2024	17:17
E28P5	P5153-07	BN035571.D	12/11/2024	17:53
E28P6	P5153-08	BN035572.D	12/11/2024	18:29
E28P7	P5153-09	BN035573.D	12/11/2024	19:06
SLCS482	PB165482BS	BN035574.D	12/11/2024	19:42
SLCS517	PB165517BS	BN035575.D	12/11/2024	20:18
SBLK482	PB165482BL	BN035576.D	12/11/2024	20:54
SSTD0.4362	SSTDCCC0.4EC	BN035577.D	12/11/2024	22:06