

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN070524 SAS No.: BN070524 SDG No.: BN070524
Instrument ID: BNA_N Calibration Date/Time: 7/5/2024 12:09:34
Lab File ID: BN032501.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4399 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.506	0.514	0.010	1.6076	40.0
1,4-Dioxane-d8	0.445	0.460	0.010	3.5638	40.0
Naphthalene	1.059	0.971	0.600	-8.2491	30.0
1-Methylnaphthalene	0.728	0.618	0.300	-15.0398	30.0
2-Methylnaphthalene	0.702	0.586	0.300	-16.4095	30.0
Acenaphthylene	1.664	1.718	0.900	3.2876	30.0
Acenaphthene	1.291	1.157	0.500	-10.3928	30.0
Fluorene	1.539	1.240	0.700	-19.424	30.0
Pentachlorophenol	0.091	0.096	0.010	6.4153	50.0
Phenanthrene	1.097	0.973	0.300	-11.2865	30.0
Anthracene	0.978	0.902	0.400	-7.8171	30.0
Fluoranthene	1.523	1.282	0.400	-15.8241	30.0
Pyrene	1.592	1.384	0.500	-13.0274	30.0
Benzo (a) anthracene	1.444	1.461	0.400	1.1932	30.0
Chrysene	1.585	1.540	0.400	-2.8319	30.0
Benzo (b) fluoranthene	1.738	1.331	0.200	-23.3974	30.0
Benzo (k) fluoranthene	1.689	1.292	0.200	-23.4806	30.0
Benzo (a) pyrene	1.209	1.082	0.200	-10.4844	30.0
Indeno (1,2,3-cd) pyrene	1.893	1.548	0.200	-18.2273	30.0
Dibenzo (a,h) anthracene	1.407	1.210	0.200	-14.0076	30.0
Benzo (g,h,i) perylene	1.508	1.208	0.200	-19.9058	30.0
Fluoranthene-d10	1.204	0.980	0.400	-18.5933	30.0
2-Methylnaphthalene-d10	0.600	0.515	0.300	-14.1812	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.: BN070524 SAS No.: BN070524 SDG No.: BN070524

Instrument ID: BNA_N Calibration Date/Time: 7/5/2024 12:18:17

Lab File ID: BN032513.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4251 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.506	0.565	0.010	11.7036	40.0
1,4-Dioxane-d8	0.445	0.532	0.010	19.6206	40.0
Naphthalene	1.059	1.089	0.600	2.9198	30.0
1-Methylnaphthalene	0.728	0.690	0.300	-5.2177	30.0
2-Methylnaphthalene	0.702	0.636	0.300	-9.2867	30.0
Acenaphthylene	1.664	1.858	0.900	11.684	30.0
Acenaphthene	1.291	1.352	0.500	4.7035	30.0
Fluorene	1.539	1.385	0.700	-9.9739	30.0
Pentachlorophenol	0.091	0.092	0.010	1.7608	50.0
Phenanthrene	1.097	1.078	0.300	-1.7222	30.0
Anthracene	0.978	0.987	0.400	0.8671	30.0
Fluoranthene	1.523	1.399	0.400	-8.1724	30.0
Pyrene	1.592	1.479	0.500	-7.1105	30.0
Benzo (a) anthracene	1.444	1.426	0.400	-1.2184	30.0
Chrysene	1.585	1.557	0.400	-1.7479	30.0
Benzo (b) fluoranthene	1.738	1.389	0.200	-20.0447	30.0
Benzo (k) fluoranthene	1.689	1.399	0.200	-17.1525	30.0
Benzo (a) pyrene	1.209	1.327	0.200	9.7737	30.0
Indeno (1,2,3-cd) pyrene	1.893	1.683	0.200	-11.1264	30.0
Dibenzo (a,h) anthracene	1.407	1.336	0.200	-5.0318	30.0
Benzo (g,h,i) perylene	1.508	1.365	0.200	-9.4576	30.0
Fluoranthene-d10	1.204	1.108	0.400	-7.9218	30.0
2-Methylnaphthalene-d10	0.600	0.551	0.300	-8.0963	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.: BN070524 SAS No.: BN070524 SDG No.: BN070524
Instrument ID: BNA_N Calibration Date/Time: 7/6/2024 12:05:10
Lab File ID: BN032530.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4252 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.506	0.569	0.010	12.3478	40.0
1,4-Dioxane-d8	0.445	0.538	0.010	20.9182	40.0
Naphthalene	1.059	1.056	0.600	-0.2399	30.0
1-Methylnaphthalene	0.728	0.693	0.300	-4.7818	30.0
2-Methylnaphthalene	0.702	0.630	0.300	-10.2463	30.0
Acenaphthylene	1.664	1.743	0.900	4.7893	30.0
Acenaphthene	1.291	1.281	0.500	-0.7533	30.0
Fluorene	1.539	1.350	0.700	-12.2249	30.0
Pentachlorophenol	0.091	0.089	0.010	-1.5911	50.0
Phenanthrene	1.097	1.032	0.300	-5.9344	30.0
Anthracene	0.978	0.930	0.400	-4.8905	30.0
Fluoranthene	1.523	1.337	0.400	-12.2009	30.0
Pyrene	1.592	1.420	0.500	-10.7797	30.0
Benzo (a) anthracene	1.444	1.359	0.400	-5.8609	30.0
Chrysene	1.585	1.454	0.400	-8.2453	30.0
Benzo (b) fluoranthene	1.738	1.273	0.200	-26.7281	30.0
Benzo (k) fluoranthene	1.689	1.313	0.200	-22.2417	30.0
Benzo (a) pyrene	1.209	1.242	0.200	2.6898	30.0
Indeno (1,2,3-cd) pyrene	1.893	1.565	0.200	-17.3263	30.0
Dibenzo (a,h) anthracene	1.407	1.247	0.200	-11.3639	30.0
Benzo (g,h,i) perylene	1.508	1.291	0.200	-14.3974	30.0
Fluoranthene-d10	1.204	1.056	0.400	-12.2297	30.0
2-Methylnaphthalene-d10	0.600	0.544	0.300	-9.3269	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.: BN070524 SAS No.: BN070524 SDG No.: BN070524

Instrument ID: BNA_N Calibration Date/Time: 7/6/2024 12:16:38

Lab File ID: BN032548.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4253 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.506	0.573	0.010	13.1221	50.0
1,4-Dioxane-d8	0.445	0.539	0.010	21.2237	50.0
Naphthalene	1.059	1.057	0.600	-0.1436	50.0
1-Methylnaphthalene	0.728	0.697	0.300	-4.2482	50.0
2-Methylnaphthalene	0.702	0.626	0.300	-10.7588	50.0
Acenaphthylene	1.664	1.741	0.900	4.6592	50.0
Acenaphthene	1.291	1.290	0.500	-0.0552	50.0
Fluorene	1.539	1.358	0.700	-11.7589	50.0
Pentachlorophenol	0.091	0.089	0.010	-1.3497	50.0
Phenanthrene	1.097	1.026	0.300	-6.4329	50.0
Anthracene	0.978	0.929	0.400	-4.9956	50.0
Fluoranthene	1.523	1.345	0.400	-11.6681	50.0
Pyrene	1.592	1.422	0.500	-10.686	50.0
Benzo (a) anthracene	1.444	1.351	0.400	-6.4241	50.0
Chrysene	1.585	1.477	0.400	-6.811	50.0
Benzo (b) fluoranthene	1.738	1.235	0.200	-28.9271	50.0
Benzo (k) fluoranthene	1.689	1.330	0.200	-21.2048	50.0
Benzo (a) pyrene	1.209	1.246	0.200	3.0338	50.0
Indeno (1,2,3-cd) pyrene	1.893	1.569	0.200	-17.1251	50.0
Dibenzo (a,h) anthracene	1.407	1.245	0.200	-11.4976	50.0
Benzo (g,h,i) perylene	1.508	1.284	0.200	-14.8764	50.0
Fluoranthene-d10	1.204	1.060	0.400	-11.9619	50.0
2-Methylnaphthalene-d10	0.600	0.547	0.300	-8.8487	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/22/2024 12:00:00 AM
Project:		Date Received:	6/22/2024 12:00:00 AM
Client Sample ID:	SBLK671	SDG No.:	BN070524
Lab Sample ID:	PB161671BL	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
BN032502.D	1	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161671

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	5.602		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.263		30-130		66	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.25		30-130		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5299		7.595			
1146-65-2	Naphthalene-d8	15615		10.37			
15067-26-2	Acenaphthene-d10	8221		14.243			

Report of Analysis

Client:		Date Collected:	6/22/2024 12:00:00 AM
Project:		Date Received:	6/22/2024 12:00:00 AM
Client Sample ID:	SBLK671	SDG No.:	BN070524
Lab Sample ID:	PB161671BL	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
BN032502.D	1	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15114	16.998				
1719-03-5	Chrysene-d12	13277	21.216				
1520-96-3	Perylene-d12	14354	23.429				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	E1GE0	SDG No.:	BN070524
Lab Sample ID:	P2961-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032503.D	1	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.04	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.022	U	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.04	J	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.04	J	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	5.015		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.406		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.358		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4429		7.595			
1146-65-2	Naphthalene-d8	12531		10.371			
15067-26-2	Acenaphthene-d10	7107		14.244			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	E1GE0	SDG No.:	BN070524
Lab Sample ID:	P2961-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032503.D	1	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13088	16.999				
1719-03-5	Chrysene-d12	11835	21.214				
1520-96-3	Perylene-d12	12514	23.43				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4DP7	SDG No.:	BN070524
Lab Sample ID:	P3010-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032504.D	1	6/25/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	6.6	ug/Kg
91-20-3	Naphthalene	450	E	0.37	0.82	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.84	U	0.84	0.82	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.82	3.3	ug/Kg
208-96-8	Acenaphthylene	440	E	0.47	0.82	3.3	ug/Kg
83-32-9	Acenaphthene	440	E	0.39	0.82	3.3	ug/Kg
86-73-7	Fluorene	110	E	0.67	0.82	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.6	ug/Kg
85-01-8	Phenanthrene	190	E	0.5	0.82	3.3	ug/Kg
120-12-7	Anthracene	270	E	0.51	0.82	3.3	ug/Kg
206-44-0	Fluoranthene	290	E	0.67	0.82	3.3	ug/Kg
129-00-0	Pyrene	90	E	0.51	0.82	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	190	E	0.42	0.82	3.3	ug/Kg
218-01-9	Chrysene	65	E	0.42	0.82	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	E	0.21	0.82	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	E	0.39	0.82	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	110	E	0.36	0.82	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84	E	0.85	0.82	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31		0.88	0.82	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	E	0.97	0.82	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.364		15-120		45	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.283		30-130		71	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	4954		7.595			
1146-65-2	Naphthalene-d8	15089		10.365			
15067-26-2	Acenaphthene-d10	7909		14.244			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4DP7	SDG No.:	BN070524
Lab Sample ID:	P3010-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032504.D	1	6/25/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14231	16.999				
1719-03-5	Chrysene-d12	12524	21.206				
1520-96-3	Perylene-d12	15360	23.424				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	E1GC5	SDG No.:	BN070524
Lab Sample ID:	P2961-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032505.D	1	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161671

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	0.08	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	0.03	J	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.04	J	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	5.265		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.431		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.356		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4387		7.595			
1146-65-2	Naphthalene-d8	12340		10.365			
15067-26-2	Acenaphthene-d10	6978		14.244			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	E1GC5	SDG No.:	BN070524
Lab Sample ID:	P2961-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032505.D	1	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12850	16.999				
1719-03-5	Chrysene-d12	11386	21.214				
1520-96-3	Perylene-d12	12232	23.424				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4DP7DL	SDG No.:	BN070524
Lab Sample ID:	P3010-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032506.D	10	6/25/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	66	ug/Kg
91-20-3	Naphthalene	480	D	3.7	8.2	33	ug/Kg
90-12-0	1-Methylnaphthalene	8.4	U	8.4	8.2	33	ug/Kg
91-57-6	2-Methylnaphthalene	3.4	U	3.4	8.2	33	ug/Kg
208-96-8	Acenaphthylene	440	D	4.7	8.2	33	ug/Kg
83-32-9	Acenaphthene	470	D	3.9	8.2	33	ug/Kg
86-73-7	Fluorene	110	D	6.7	8.2	33	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	16.6	66	ug/Kg
85-01-8	Phenanthrene	180	D	5	8.2	33	ug/Kg
120-12-7	Anthracene	260	D	5.1	8.2	33	ug/Kg
206-44-0	Fluoranthene	300	D	6.7	8.2	33	ug/Kg
129-00-0	Pyrene	94	D	5.1	8.2	33	ug/Kg
56-55-3	Benzo(a)anthracene	200	D	4.2	8.2	33	ug/Kg
218-01-9	Chrysene	81	D	4.2	8.2	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	D	2.1	8.2	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	D	3.9	8.2	33	ug/Kg
50-32-8	Benzo(a)pyrene	120	D	3.6	8.2	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90	D	8.5	8.2	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	D	8.8	8.2	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	D	9.7	8.2	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.51		15-120		64	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.29		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.22		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4529		7.599			
1146-65-2	Naphthalene-d8	13495		10.371			
15067-26-2	Acenaphthene-d10	7393		14.244			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4DP7DL	SDG No.:	BN070524
Lab Sample ID:	P3010-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30.3 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032506.D	10	6/25/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13819	17.003				
1719-03-5	Chrysene-d12	12730	21.214				
1520-96-3	Perylene-d12	15618	23.43				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GC6	SDG No.:	BN070524
Lab Sample ID:	P2961-14	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
BN032507.D	1	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.031	U	0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.04	J	0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.024	U	0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.011	U	0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.014	U	0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.013	U	0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.022	U	0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.041	U	0.041	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.014	U	0.014	0.05	0.1	ug/L
120-12-7	Anthracene	0.011	U	0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.03	J	0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.016	U	0.016	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.04	J	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.04	J	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	5.245		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.343		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.311		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4239	7.59				
1146-65-2	Naphthalene-d8	11959	10.365				
15067-26-2	Acenaphthene-d10	7145	14.244				

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GC6	SDG No.:	BN070524
Lab Sample ID:	P2961-14	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
BN032507.D	1	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14103	16.999				
1719-03-5	Chrysene-d12	12940	21.214				
1520-96-3	Perylene-d12	13744	23.43				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1G71	SDG No.:	BN070524
Lab Sample ID:	P2961-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032508.D	1	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161671

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	0.03	J	0.015	0.05	0.1	ug/L
218-01-9	Chrysene	0.04	J	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	4.66		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.342		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.324		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4548		7.59			
1146-65-2	Naphthalene-d8	12940		10.365			
15067-26-2	Acenaphthene-d10	7068		14.239			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1G71	SDG No.:	BN070524
Lab Sample ID:	P2961-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032508.D	1	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13630	16.999				
1719-03-5	Chrysene-d12	12366	21.214				
1520-96-3	Perylene-d12	12762	23.427				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4DP5	SDG No.:	BN070524
Lab Sample ID:	P2982-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN032509.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161679

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	270	E	0.37	0.82	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	0.82	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	0.82	3.3	ug/Kg
208-96-8	Acenaphthylene	340	E	0.47	0.82	3.3	ug/Kg
83-32-9	Acenaphthene	550	E	0.39	0.82	3.3	ug/Kg
86-73-7	Fluorene	270	E	0.68	0.82	3.3	ug/Kg
87-86-5	Pentachlorophenol	1.4	U	1.4	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	520	E	0.51	0.82	3.3	ug/Kg
120-12-7	Anthracene	530	E	0.52	0.82	3.3	ug/Kg
206-44-0	Fluoranthene	290	E	0.68	0.82	3.3	ug/Kg
129-00-0	Pyrene	130	E	0.52	0.82	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	43		0.42	0.82	3.3	ug/Kg
218-01-9	Chrysene	120	E	0.42	0.82	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	97	E	0.21	0.82	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	82	E	0.39	0.82	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	190	E	0.36	0.82	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	E	0.86	0.82	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	E	0.89	0.82	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	E	0.98	0.82	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.437		15-120		55	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.325		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.269		20-140		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4677		7.595			
1146-65-2	Naphthalene-d8	13838		10.369			
15067-26-2	Acenaphthene-d10	7337		14.238			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4DP5	SDG No.:	BN070524
Lab Sample ID:	P2982-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN032509.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14098	16.998				
1719-03-5	Chrysene-d12	13067	21.207				
1520-96-3	Perylene-d12	15432	23.428				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/22/2024 12:00:00 AM
Project:		Date Received:	6/22/2024 12:00:00 AM
Client Sample ID:	SLCS671	SDG No.:	BN070524
Lab Sample ID:	PB161671BS	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
BN032510.D	1	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.7		0.031	0	0.2	ug/L
91-20-3	Naphthalene	0.35		0.011	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.3		0.024	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.011	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.014	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.35		0.013	0.05	0.1	ug/L
86-73-7	Fluorene	0.31		0.022	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.68		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	0.38		0.011	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.33		0.022	0.05	0.1	ug/L
129-00-0	Pyrene	0.34		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	0.37		0.014	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.31		0.004	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.31		0.019	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		0.012	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.33		0.023	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.35		0.026	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.33		0.025	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.922		15-120		115	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.36		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.346		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4241	7.595				
1146-65-2	Naphthalene-d8	12218	10.371				
15067-26-2	Acenaphthene-d10	6566	14.244				

Report of Analysis

Client:		Date Collected:	6/22/2024 12:00:00 AM
Project:		Date Received:	6/22/2024 12:00:00 AM
Client Sample ID:	SLCS671	SDG No.:	BN070524
Lab Sample ID:	PB161671BS	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
BN032510.D	1	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11921	17.007				
1719-03-5	Chrysene-d12	11650	21.217				
1520-96-3	Perylene-d12	14293	23.435				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.031	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4DP5DL	SDG No.:	BN070524
Lab Sample ID:	P2982-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN032511.D	10	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	67	ug/Kg
91-20-3	Naphthalene	280	D	3.7	8.2	33	ug/Kg
90-12-0	1-Methylnaphthalene	8.5	U	8.5	8.2	33	ug/Kg
91-57-6	2-Methylnaphthalene	3.4	U	3.4	8.2	33	ug/Kg
208-96-8	Acenaphthylene	320	D	4.7	8.2	33	ug/Kg
83-32-9	Acenaphthene	570	ED	3.9	8.2	33	ug/Kg
86-73-7	Fluorene	270	D	6.8	8.2	33	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	16.7	67	ug/Kg
85-01-8	Phenanthrene	520	D	5.1	8.2	33	ug/Kg
120-12-7	Anthracene	510	D	5.2	8.2	33	ug/Kg
206-44-0	Fluoranthene	300	D	6.8	8.2	33	ug/Kg
129-00-0	Pyrene	130	D	5.2	8.2	33	ug/Kg
56-55-3	Benzo(a)anthracene	47	D	4.2	8.2	33	ug/Kg
218-01-9	Chrysene	130	D	4.2	8.2	33	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	D	2.1	8.2	33	ug/Kg
207-08-9	Benzo(k)fluoranthene	90	D	3.9	8.2	33	ug/Kg
50-32-8	Benzo(a)pyrene	200	D	3.6	8.2	33	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	D	8.6	8.2	33	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	D	8.9	8.2	33	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	D	9.8	8.2	33	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.63		15-120		79	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.32		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.25		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4183		7.599			
1146-65-2	Naphthalene-d8	12148		10.376			
15067-26-2	Acenaphthene-d10	7157		14.244			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4DP5DL	SDG No.:	BN070524
Lab Sample ID:	P2982-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN032511.D	10	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14282	17.003				
1719-03-5	Chrysene-d12	13441	21.214				
1520-96-3	Perylene-d12	16419	23.43				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4DP5DL2	SDG No.:	BN070524
Lab Sample ID:	P2982-04DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN032512.D	20	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	0	130	ug/Kg
91-20-3	Naphthalene	300	D	7.4	16.4	66	ug/Kg
90-12-0	1-Methylnaphthalene	17	U	17	16.4	66	ug/Kg
91-57-6	2-Methylnaphthalene	6.8	U	6.8	16.4	66	ug/Kg
208-96-8	Acenaphthylene	340	D	9.4	16.4	66	ug/Kg
83-32-9	Acenaphthene	600	D	7.8	16.4	66	ug/Kg
86-73-7	Fluorene	270	D	14	16.4	66	ug/Kg
87-86-5	Pentachlorophenol	28	U	28	33.4	130	ug/Kg
85-01-8	Phenanthrene	540	D	10	16.4	66	ug/Kg
120-12-7	Anthracene	510	D	10	16.4	66	ug/Kg
206-44-0	Fluoranthene	310	D	14	16.4	66	ug/Kg
129-00-0	Pyrene	140	D	10	16.4	66	ug/Kg
56-55-3	Benzo(a)anthracene	54	JD	8.4	16.4	66	ug/Kg
218-01-9	Chrysene	140	D	8.4	16.4	66	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	D	4.2	16.4	66	ug/Kg
207-08-9	Benzo(k)fluoranthene	99	D	7.8	16.4	66	ug/Kg
50-32-8	Benzo(a)pyrene	210	D	7.2	16.4	66	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	D	17	16.4	66	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	220	D	18	16.4	66	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	D	20	16.4	66	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.04	*	15-120		130	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.36		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.28		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4097		7.595			
1146-65-2	Naphthalene-d8	11689		10.376			
15067-26-2	Acenaphthene-d10	6758		14.248			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4DP5DL2	SDG No.:	BN070524
Lab Sample ID:	P2982-04DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
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
BN032512.D	20	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12889	17.007				
1719-03-5	Chrysene-d12	11841	21.22				
1520-96-3	Perylene-d12	14656	23.435				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	22	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SBLK679	SDG No.:	BN070524
Lab Sample ID:	PB161679BL	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
BN032514.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161679

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	5.528		15-120		69	SPK: -8
93951-69-0	Fluoranthene-d10	0.265		30-130		66	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.247		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6214		7.595			
1146-65-2	Naphthalene-d8	17852		10.365			
15067-26-2	Acenaphthene-d10	9303		14.239			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SBLK679	SDG No.:	BN070524
Lab Sample ID:	PB161679BL	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
BN032514.D	1	6/24/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17072	16.999				
1719-03-5	Chrysene-d12	14850	21.214				
1520-96-3	Perylene-d12	15900	23.424				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS3DL	SDG No.:	BN070524
Lab Sample ID:	P2963-22DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032515.D	5	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.2	U	7.2	0	44	ug/Kg
91-20-3	Naphthalene	78	D	2.4	5.4	22	ug/Kg
90-12-0	1-Methylnaphthalene	23	D	5.6	5.4	22	ug/Kg
91-57-6	2-Methylnaphthalene	42	D	2.2	5.4	22	ug/Kg
208-96-8	Acenaphthylene	150	D	3.1	5.4	22	ug/Kg
83-32-9	Acenaphthene	40	D	2.6	5.4	22	ug/Kg
86-73-7	Fluorene	43	D	4.5	5.4	22	ug/Kg
87-86-5	Pentachlorophenol	9.2	U	9.2	11	44	ug/Kg
85-01-8	Phenanthrene	690	ED	3.4	5.4	22	ug/Kg
120-12-7	Anthracene	220	D	3.4	5.4	22	ug/Kg
206-44-0	Fluoranthene	1100	ED	4.5	5.4	22	ug/Kg
129-00-0	Pyrene	790	ED	3.4	5.4	22	ug/Kg
56-55-3	Benzo(a)anthracene	620	ED	2.8	5.4	22	ug/Kg
218-01-9	Chrysene	640	ED	2.8	5.4	22	ug/Kg
205-99-2	Benzo(b)fluoranthene	710	ED	1.4	5.4	22	ug/Kg
207-08-9	Benzo(k)fluoranthene	230	D	2.6	5.4	22	ug/Kg
50-32-8	Benzo(a)pyrene	360	ED	2.4	5.4	22	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	D	5.7	5.4	22	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	D	5.9	5.4	22	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	D	6.4	5.4	22	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.865		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.295		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.28		20-140		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5448		7.595			
1146-65-2	Naphthalene-d8	15341		10.371			
15067-26-2	Acenaphthene-d10	8307		14.239			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS3DL	SDG No.:	BN070524
Lab Sample ID:	P2963-22DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	24.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032515.D	5	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15672	16.999				
1719-03-5	Chrysene-d12	14603	21.206				
1520-96-3	Perylene-d12	17451	23.421				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR0DL	SDG No.:	BN070524
Lab Sample ID:	P2963-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	30.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032516.D	5	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.9	U	7.9	0	48	ug/Kg
91-20-3	Naphthalene	13	JD	2.7	6	24	ug/Kg
90-12-0	1-Methylnaphthalene	6.3	JD	6.1	6	24	ug/Kg
91-57-6	2-Methylnaphthalene	7.2	JD	2.5	6	24	ug/Kg
208-96-8	Acenaphthylene	29	D	3.4	6	24	ug/Kg
83-32-9	Acenaphthene	25	D	2.8	6	24	ug/Kg
86-73-7	Fluorene	29	D	4.9	6	24	ug/Kg
87-86-5	Pentachlorophenol	10	U	10	12.1	48	ug/Kg
85-01-8	Phenanthrene	380	D	3.7	6	24	ug/Kg
120-12-7	Anthracene	96	D	3.8	6	24	ug/Kg
206-44-0	Fluoranthene	480	ED	4.9	6	24	ug/Kg
129-00-0	Pyrene	330	D	3.8	6	24	ug/Kg
56-55-3	Benzo(a)anthracene	240	D	3	6	24	ug/Kg
218-01-9	Chrysene	220	D	3	6	24	ug/Kg
205-99-2	Benzo(b)fluoranthene	230	D	1.5	6	24	ug/Kg
207-08-9	Benzo(k)fluoranthene	95	D	2.8	6	24	ug/Kg
50-32-8	Benzo(a)pyrene	130	D	2.6	6	24	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83	D	6.2	6	24	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	D	6.4	6	24	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14	JD	7.1	6	24	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.635		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.215		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5638		7.595			
1146-65-2	Naphthalene-d8	15441		10.369			
15067-26-2	Acenaphthene-d10	8250		14.242			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR0DL	SDG No.:	BN070524
Lab Sample ID:	P2963-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	30.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032516.D	5	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15329	16.998				
1719-03-5	Chrysene-d12	14759	21.207				
1520-96-3	Perylene-d12	17607	23.422				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ9DL	SDG No.:	BN070524
Lab Sample ID:	P2963-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.9
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
BN032517.D	5	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.7	U	6.7	0	41	ug/Kg
91-20-3	Naphthalene	140	D	2.3	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	30	D	5.2	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	49	D	2.1	5	20	ug/Kg
208-96-8	Acenaphthylene	84	D	2.9	5	20	ug/Kg
83-32-9	Acenaphthene	79	D	2.4	5	20	ug/Kg
86-73-7	Fluorene	73	D	4.1	5	20	ug/Kg
87-86-5	Pentachlorophenol	8.5	U	8.5	10.2	41	ug/Kg
85-01-8	Phenanthrene	1000	ED	3.1	5	20	ug/Kg
120-12-7	Anthracene	210	D	3.2	5	20	ug/Kg
206-44-0	Fluoranthene	1100	ED	4.1	5	20	ug/Kg
129-00-0	Pyrene	770	ED	3.2	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	530	ED	2.6	5	20	ug/Kg
218-01-9	Chrysene	520	ED	2.6	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	520	ED	1.3	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	D	2.4	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	310	D	2.2	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	D	5.2	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	80	D	5.4	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	D	6	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.025		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.255		30-130		64	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.235		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5386		7.595			
1146-65-2	Naphthalene-d8	15131		10.371			
15067-26-2	Acenaphthene-d10	8266		14.239			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ9DL	SDG No.:	BN070524
Lab Sample ID:	P2963-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.9
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
BN032517.D	5	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15894	16.995				
1719-03-5	Chrysene-d12	15482	21.203				
1520-96-3	Perylene-d12	18554	23.415				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B47DL	SDG No.:	BN070524
Lab Sample ID:	P2963-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	51.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032518.D	5	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	0	68	ug/Kg
91-20-3	Naphthalene	160	D	3.8	8.4	34	ug/Kg
90-12-0	1-Methylnaphthalene	19	JD	8.7	8.4	34	ug/Kg
91-57-6	2-Methylnaphthalene	24	JD	3.5	8.4	34	ug/Kg
208-96-8	Acenaphthylene	47	D	4.8	8.4	34	ug/Kg
83-32-9	Acenaphthene	66	D	4	8.4	34	ug/Kg
86-73-7	Fluorene	73	D	6.9	8.4	34	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	17.1	68	ug/Kg
85-01-8	Phenanthrene	850	ED	5.2	8.4	34	ug/Kg
120-12-7	Anthracene	190	D	5.3	8.4	34	ug/Kg
206-44-0	Fluoranthene	1000	ED	6.9	8.4	34	ug/Kg
129-00-0	Pyrene	710	ED	5.3	8.4	34	ug/Kg
56-55-3	Benzo(a)anthracene	530	D	4.3	8.4	34	ug/Kg
218-01-9	Chrysene	530	D	4.3	8.4	34	ug/Kg
205-99-2	Benzo(b)fluoranthene	450	D	2.1	8.4	34	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	D	4	8.4	34	ug/Kg
50-32-8	Benzo(a)pyrene	270	D	3.7	8.4	34	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	D	8.8	8.4	34	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	D	9.1	8.4	34	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27	JD	10	8.4	34	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.635		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.28		30-130		70	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	5851		7.595			
1146-65-2	Naphthalene-d8	16447		10.37			
15067-26-2	Acenaphthene-d10	8667		14.243			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B47DL	SDG No.:	BN070524
Lab Sample ID:	P2963-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	51.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032518.D	5	6/22/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16377	16.998				
1719-03-5	Chrysene-d12	15346	21.201				
1520-96-3	Perylene-d12	18307	23.417				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	11	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B51DL	SDG No.:	BN070524
Lab Sample ID:	P2964-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	27.9
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
BN032519.D	5	6/21/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.6	U	7.6	0	46	ug/Kg
91-20-3	Naphthalene	5.8	JD	2.6	5.7	23	ug/Kg
90-12-0	1-Methylnaphthalene	5.9	U	5.9	5.7	23	ug/Kg
91-57-6	2-Methylnaphthalene	2.4	U	2.4	5.7	23	ug/Kg
208-96-8	Acenaphthylene	15	JD	3.2	5.7	23	ug/Kg
83-32-9	Acenaphthene	9	JD	2.7	5.7	23	ug/Kg
86-73-7	Fluorene	10	JD	4.7	5.7	23	ug/Kg
87-86-5	Pentachlorophenol	9.7	U	9.7	11.6	46	ug/Kg
85-01-8	Phenanthrene	170	D	3.5	5.7	23	ug/Kg
120-12-7	Anthracene	40	D	3.6	5.7	23	ug/Kg
206-44-0	Fluoranthene	320	D	4.7	5.7	23	ug/Kg
129-00-0	Pyrene	210	D	3.6	5.7	23	ug/Kg
56-55-3	Benzo(a)anthracene	160	D	2.9	5.7	23	ug/Kg
218-01-9	Chrysene	140	D	2.9	5.7	23	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	D	1.5	5.7	23	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	D	2.7	5.7	23	ug/Kg
50-32-8	Benzo(a)pyrene	80	D	2.5	5.7	23	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	D	5.9	5.7	23	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	23	D	6.2	5.7	23	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10	JD	6.8	5.7	23	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.67		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.165		30-130		41	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.15		20-140		38	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5853		7.595			
1146-65-2	Naphthalene-d8	16374		10.371			
15067-26-2	Acenaphthene-d10	8616		14.244			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B51DL	SDG No.:	BN070524
Lab Sample ID:	P2964-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	27.9
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
BN032519.D	5	6/21/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15747	16.999				
1719-03-5	Chrysene-d12	14551	21.205				
1520-96-3	Perylene-d12	17803	23.421				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT3DL	SDG No.:	BN070524
Lab Sample ID:	P2964-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	30
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
BN032520.D	5	6/21/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.8	U	7.8	0	48	ug/Kg
91-20-3	Naphthalene	13	JD	2.6	5.9	23	ug/Kg
90-12-0	1-Methylnaphthalene	6.1	U	6.1	5.9	23	ug/Kg
91-57-6	2-Methylnaphthalene	6.4	JD	2.4	5.9	23	ug/Kg
208-96-8	Acenaphthylene	21	JD	3.3	5.9	23	ug/Kg
83-32-9	Acenaphthene	17	JD	2.8	5.9	23	ug/Kg
86-73-7	Fluorene	15	JD	4.8	5.9	23	ug/Kg
87-86-5	Pentachlorophenol	10	U	10	11.9	48	ug/Kg
85-01-8	Phenanthrene	210	D	3.6	5.9	23	ug/Kg
120-12-7	Anthracene	53	D	3.7	5.9	23	ug/Kg
206-44-0	Fluoranthene	310	D	4.8	5.9	23	ug/Kg
129-00-0	Pyrene	220	D	3.7	5.9	23	ug/Kg
56-55-3	Benzo(a)anthracene	160	D	3	5.9	23	ug/Kg
218-01-9	Chrysene	150	D	3	5.9	23	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	D	1.5	5.9	23	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	D	2.8	5.9	23	ug/Kg
50-32-8	Benzo(a)pyrene	88	D	2.6	5.9	23	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	D	6.1	5.9	23	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	23	D	6.3	5.9	23	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.7	JD	7	5.9	23	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.49		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.215		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.185		20-140		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6092		7.595			
1146-65-2	Naphthalene-d8	17171		10.371			
15067-26-2	Acenaphthene-d10	8885		14.244			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT3DL	SDG No.:	BN070524
Lab Sample ID:	P2964-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	30
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
BN032520.D	5	6/21/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16318	16.999				
1719-03-5	Chrysene-d12	15058	21.206				
1520-96-3	Perylene-d12	18329	23.418				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B52DL	SDG No.:	BN070524
Lab Sample ID:	P2964-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	45
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
BN032521.D	5	6/21/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10	U	10	0	61	ug/Kg
91-20-3	Naphthalene	39	D	3.4	7.5	30	ug/Kg
90-12-0	1-Methylnaphthalene	13	JD	7.7	7.5	30	ug/Kg
91-57-6	2-Methylnaphthalene	16	JD	3.1	7.5	30	ug/Kg
208-96-8	Acenaphthylene	55	D	4.3	7.5	30	ug/Kg
83-32-9	Acenaphthene	76	D	3.5	7.5	30	ug/Kg
86-73-7	Fluorene	64	D	6.2	7.5	30	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	15.2	61	ug/Kg
85-01-8	Phenanthrene	830	ED	4.6	7.5	30	ug/Kg
120-12-7	Anthracene	190	D	4.7	7.5	30	ug/Kg
206-44-0	Fluoranthene	1200	ED	6.2	7.5	30	ug/Kg
129-00-0	Pyrene	760	ED	4.7	7.5	30	ug/Kg
56-55-3	Benzo(a)anthracene	570	ED	3.8	7.5	30	ug/Kg
218-01-9	Chrysene	540	ED	3.8	7.5	30	ug/Kg
205-99-2	Benzo(b)fluoranthene	590	ED	1.9	7.5	30	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	D	3.5	7.5	30	ug/Kg
50-32-8	Benzo(a)pyrene	310	D	3.3	7.5	30	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	D	7.8	7.5	30	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84	D	8.1	7.5	30	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	D	8.9	7.5	30	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.755		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.175		30-130		44	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.165		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5349		7.595			
1146-65-2	Naphthalene-d8	15652		10.371			
15067-26-2	Acenaphthene-d10	9033		14.244			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B52DL	SDG No.:	BN070524
Lab Sample ID:	P2964-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	45
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
BN032521.D	5	6/21/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18615	16.999				
1719-03-5	Chrysene-d12	18209	21.203				
1520-96-3	Perylene-d12	21317	23.415				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	10	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT6DL	SDG No.:	BN070524
Lab Sample ID:	P2964-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	46.1
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
BN032522.D	5	6/21/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10	U	10	0	62	ug/Kg
91-20-3	Naphthalene	7.4	JD	3.4	7.6	31	ug/Kg
90-12-0	1-Methylnaphthalene	7.9	U	7.9	7.6	31	ug/Kg
91-57-6	2-Methylnaphthalene	3.1	U	3.1	7.6	31	ug/Kg
208-96-8	Acenaphthylene	11	JD	4.3	7.6	31	ug/Kg
83-32-9	Acenaphthene	14	JD	3.6	7.6	31	ug/Kg
86-73-7	Fluorene	14	JD	6.3	7.6	31	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	15.5	62	ug/Kg
85-01-8	Phenanthrene	150	D	4.7	7.6	31	ug/Kg
120-12-7	Anthracene	38	D	4.8	7.6	31	ug/Kg
206-44-0	Fluoranthene	180	D	6.3	7.6	31	ug/Kg
129-00-0	Pyrene	130	D	4.8	7.6	31	ug/Kg
56-55-3	Benzo(a)anthracene	100	D	3.9	7.6	31	ug/Kg
218-01-9	Chrysene	82	D	3.9	7.6	31	ug/Kg
205-99-2	Benzo(b)fluoranthene	92	D	1.9	7.6	31	ug/Kg
207-08-9	Benzo(k)fluoranthene	35	D	3.6	7.6	31	ug/Kg
50-32-8	Benzo(a)pyrene	51	D	3.3	7.6	31	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	D	8	7.6	31	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13	JD	8.2	7.6	31	ug/Kg
191-24-2	Benzo(g,h,i)perylene	9.1	U	9.1	7.6	31	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.44		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.145		30-130		36	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.13		20-140		32	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5836	7.595				
1146-65-2	Naphthalene-d8	16142	10.371				
15067-26-2	Acenaphthene-d10	8477	14.244				

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT6DL	SDG No.:	BN070524
Lab Sample ID:	P2964-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	46.1
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
BN032522.D	5	6/21/2024 12:00:00 AM	7/5/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15603	17.003				
1719-03-5	Chrysene-d12	14847	21.206				
1520-96-3	Perylene-d12	18374	23.421				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	10	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT0DL	SDG No.:	BN070524
Lab Sample ID:	P2964-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	29
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
BN032523.D	5	6/21/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.7	U	7.7	0	47	ug/Kg
91-20-3	Naphthalene	7.7	JD	2.6	5.8	23	ug/Kg
90-12-0	1-Methylnaphthalene	6	U	6	5.8	23	ug/Kg
91-57-6	2-Methylnaphthalene	2.4	U	2.4	5.8	23	ug/Kg
208-96-8	Acenaphthylene	16	JD	3.3	5.8	23	ug/Kg
83-32-9	Acenaphthene	7.7	JD	2.7	5.8	23	ug/Kg
86-73-7	Fluorene	7.5	JD	4.8	5.8	23	ug/Kg
87-86-5	Pentachlorophenol	9.8	U	9.8	11.8	47	ug/Kg
85-01-8	Phenanthrene	100	D	3.6	5.8	23	ug/Kg
120-12-7	Anthracene	31	D	3.6	5.8	23	ug/Kg
206-44-0	Fluoranthene	170	D	4.8	5.8	23	ug/Kg
129-00-0	Pyrene	130	D	3.6	5.8	23	ug/Kg
56-55-3	Benzo(a)anthracene	100	D	2.9	5.8	23	ug/Kg
218-01-9	Chrysene	87	D	2.9	5.8	23	ug/Kg
205-99-2	Benzo(b)fluoranthene	98	D	1.5	5.8	23	ug/Kg
207-08-9	Benzo(k)fluoranthene	35	D	2.7	5.8	23	ug/Kg
50-32-8	Benzo(a)pyrene	55	D	2.5	5.8	23	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	D	6	5.8	23	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14	JD	6.2	5.8	23	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.9	U	6.9	5.8	23	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.375		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.215		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.185		20-140		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5670		7.595			
1146-65-2	Naphthalene-d8	15794		10.371			
15067-26-2	Acenaphthene-d10	8195		14.244			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT0DL	SDG No.:	BN070524
Lab Sample ID:	P2964-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	29
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
BN032523.D	5	6/21/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14924	16.999				
1719-03-5	Chrysene-d12	14107	21.203				
1520-96-3	Perylene-d12	17423	23.418				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT5DL	SDG No.:	BN070524
Lab Sample ID:	P2964-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	40.6
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
BN032524.D	5	6/21/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.3	U	9.3	0	56	ug/Kg
91-20-3	Naphthalene	27	JD	3.1	6.9	28	ug/Kg
90-12-0	1-Methylnaphthalene	11	JD	7.2	6.9	28	ug/Kg
91-57-6	2-Methylnaphthalene	13	JD	2.9	6.9	28	ug/Kg
208-96-8	Acenaphthylene	77	D	4	6.9	28	ug/Kg
83-32-9	Acenaphthene	50	D	3.3	6.9	28	ug/Kg
86-73-7	Fluorene	49	D	5.7	6.9	28	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	14.1	56	ug/Kg
85-01-8	Phenanthrene	820	ED	4.3	6.9	28	ug/Kg
120-12-7	Anthracene	190	D	4.4	6.9	28	ug/Kg
206-44-0	Fluoranthene	1500	ED	5.7	6.9	28	ug/Kg
129-00-0	Pyrene	990	ED	4.4	6.9	28	ug/Kg
56-55-3	Benzo(a)anthracene	700	ED	3.5	6.9	28	ug/Kg
218-01-9	Chrysene	750	ED	3.5	6.9	28	ug/Kg
205-99-2	Benzo(b)fluoranthene	810	ED	1.8	6.9	28	ug/Kg
207-08-9	Benzo(k)fluoranthene	310	D	3.3	6.9	28	ug/Kg
50-32-8	Benzo(a)pyrene	420	D	3	6.9	28	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270	D	7.2	6.9	28	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	D	7.5	6.9	28	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	D	8.2	6.9	28	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.405		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.215		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.195		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5775		7.595			
1146-65-2	Naphthalene-d8	16151		10.371			
15067-26-2	Acenaphthene-d10	8589		14.239			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT5DL	SDG No.:	BN070524
Lab Sample ID:	P2964-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	40.6
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
BN032524.D	5	6/21/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16073	16.999				
1719-03-5	Chrysene-d12	15252	21.2				
1520-96-3	Perylene-d12	18432	23.415				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS9DL	SDG No.:	BN070524
Lab Sample ID:	P2963-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032525.D	5	6/22/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6	U	6	0	37	ug/Kg
91-20-3	Naphthalene	2	U	2	4.5	18	ug/Kg
90-12-0	1-Methylnaphthalene	4.6	U	4.6	4.5	18	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	U	1.9	4.5	18	ug/Kg
208-96-8	Acenaphthylene	3.8	JD	2.6	4.5	18	ug/Kg
83-32-9	Acenaphthene	2.1	U	2.1	4.5	18	ug/Kg
86-73-7	Fluorene	3.7	U	3.7	4.5	18	ug/Kg
87-86-5	Pentachlorophenol	7.7	U	7.7	9.2	37	ug/Kg
85-01-8	Phenanthrene	11	JD	2.8	4.5	18	ug/Kg
120-12-7	Anthracene	4.2	JD	2.8	4.5	18	ug/Kg
206-44-0	Fluoranthene	19	D	3.7	4.5	18	ug/Kg
129-00-0	Pyrene	19	D	2.8	4.5	18	ug/Kg
56-55-3	Benzo(a)anthracene	12	JD	2.3	4.5	18	ug/Kg
218-01-9	Chrysene	10	JD	2.3	4.5	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	14	JD	1.1	4.5	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	5.8	JD	2.1	4.5	18	ug/Kg
50-32-8	Benzo(a)pyrene	13	JD	2	4.5	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6.9	JD	4.7	4.5	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.9	U	4.9	4.5	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8	JD	5.4	4.5	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.74		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	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	6012	7.595				
1146-65-2	Naphthalene-d8	16640	10.371				
15067-26-2	Acenaphthene-d10	8785	14.244				

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS9DL	SDG No.:	BN070524
Lab Sample ID:	P2963-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032525.D	5	6/22/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16393	16.999				
1719-03-5	Chrysene-d12	15675	21.209				
1520-96-3	Perylene-d12	17529	23.418				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CE8DL	SDG No.:	BN070524
Lab Sample ID:	P3065-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032526.D	5	6/27/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.2	U	7.2	0	44	ug/Kg
91-20-3	Naphthalene	7.2	JD	2.4	5.4	22	ug/Kg
90-12-0	1-Methylnaphthalene	5.6	U	5.6	5.4	22	ug/Kg
91-57-6	2-Methylnaphthalene	2.2	U	2.2	5.4	22	ug/Kg
208-96-8	Acenaphthylene	18	JD	3.1	5.4	22	ug/Kg
83-32-9	Acenaphthene	12	JD	2.6	5.4	22	ug/Kg
86-73-7	Fluorene	11	JD	4.5	5.4	22	ug/Kg
87-86-5	Pentachlorophenol	9.2	U	9.2	11	44	ug/Kg
85-01-8	Phenanthrene	180	D	3.3	5.4	22	ug/Kg
120-12-7	Anthracene	45	D	3.4	5.4	22	ug/Kg
206-44-0	Fluoranthene	340	D	4.5	5.4	22	ug/Kg
129-00-0	Pyrene	230	D	3.4	5.4	22	ug/Kg
56-55-3	Benzo(a)anthracene	170	D	2.8	5.4	22	ug/Kg
218-01-9	Chrysene	180	D	2.8	5.4	22	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	D	1.4	5.4	22	ug/Kg
207-08-9	Benzo(k)fluoranthene	75	D	2.6	5.4	22	ug/Kg
50-32-8	Benzo(a)pyrene	94	D	2.4	5.4	22	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66	D	5.6	5.4	22	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	D	5.8	5.4	22	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11	JD	6.4	5.4	22	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.375		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.21		30-130		52	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	6451		7.595			
1146-65-2	Naphthalene-d8	18131		10.371			
15067-26-2	Acenaphthene-d10	9377		14.244			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CE8DL	SDG No.:	BN070524
Lab Sample ID:	P3065-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032526.D	5	6/27/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16805	16.999				
1719-03-5	Chrysene-d12	15926	21.205				
1520-96-3	Perylene-d12	18968	23.418				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B49DL	SDG No.:	BN070524
Lab Sample ID:	P2964-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	59.8
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
BN032527.D	5	6/21/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	0	83	ug/Kg
91-20-3	Naphthalene	15	JD	4.6	10.3	41	ug/Kg
90-12-0	1-Methylnaphthalene	11	U	11	10.3	41	ug/Kg
91-57-6	2-Methylnaphthalene	4.2	U	4.2	10.3	41	ug/Kg
208-96-8	Acenaphthylene	34	JD	5.8	10.3	41	ug/Kg
83-32-9	Acenaphthene	21	JD	4.9	10.3	41	ug/Kg
86-73-7	Fluorene	22	JD	8.5	10.3	41	ug/Kg
87-86-5	Pentachlorophenol	17	U	17	20.8	83	ug/Kg
85-01-8	Phenanthrene	390	D	6.3	10.3	41	ug/Kg
120-12-7	Anthracene	77	D	6.5	10.3	41	ug/Kg
206-44-0	Fluoranthene	690	ED	8.5	10.3	41	ug/Kg
129-00-0	Pyrene	480	D	6.5	10.3	41	ug/Kg
56-55-3	Benzo(a)anthracene	300	D	5.2	10.3	41	ug/Kg
218-01-9	Chrysene	360	D	5.2	10.3	41	ug/Kg
205-99-2	Benzo(b)fluoranthene	380	D	2.6	10.3	41	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	D	4.9	10.3	41	ug/Kg
50-32-8	Benzo(a)pyrene	190	D	4.5	10.3	41	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	D	11	10.3	41	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	D	11	10.3	41	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25	JD	12	10.3	41	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.185		30-130		46	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.165		20-140		41	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5652		7.595			
1146-65-2	Naphthalene-d8	16053		10.371			
15067-26-2	Acenaphthene-d10	8974		14.244			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B49DL	SDG No.:	BN070524
Lab Sample ID:	P2964-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	59.8
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
BN032527.D	5	6/21/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17627	16.999				
1719-03-5	Chrysene-d12	17135	21.206				
1520-96-3	Perylene-d12	20513	23.418				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	14	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR6DL	SDG No.:	BN070524
Lab Sample ID:	P2963-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.2
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
BN032528.D	5	6/22/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.9	U	5.9	0	36	ug/Kg
91-20-3	Naphthalene	19	D	2	4.4	18	ug/Kg
90-12-0	1-Methylnaphthalene	17	JD	4.6	4.4	18	ug/Kg
91-57-6	2-Methylnaphthalene	16	JD	1.8	4.4	18	ug/Kg
208-96-8	Acenaphthylene	61	D	2.5	4.4	18	ug/Kg
83-32-9	Acenaphthene	41	D	2.1	4.4	18	ug/Kg
86-73-7	Fluorene	38	D	3.7	4.4	18	ug/Kg
87-86-5	Pentachlorophenol	7.5	U	7.5	9	36	ug/Kg
85-01-8	Phenanthrene	810	ED	2.7	4.4	18	ug/Kg
120-12-7	Anthracene	230	D	2.8	4.4	18	ug/Kg
206-44-0	Fluoranthene	890	ED	3.7	4.4	18	ug/Kg
129-00-0	Pyrene	690	ED	2.8	4.4	18	ug/Kg
56-55-3	Benzo(a)anthracene	460	ED	2.3	4.4	18	ug/Kg
218-01-9	Chrysene	420	ED	2.3	4.4	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	390	ED	1.1	4.4	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	D	2.1	4.4	18	ug/Kg
50-32-8	Benzo(a)pyrene	220	D	1.9	4.4	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	D	4.6	4.4	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	D	4.8	4.4	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	22	D	5.3	4.4	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.02		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.255		30-130		64	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5479		7.595			
1146-65-2	Naphthalene-d8	15527		10.37			
15067-26-2	Acenaphthene-d10	8675		14.238			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR6DL	SDG No.:	BN070524
Lab Sample ID:	P2963-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.2
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
BN032528.D	5	6/22/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16953	16.994				
1719-03-5	Chrysene-d12	16742	21.201				
1520-96-3	Perylene-d12	19755	23.414				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD3DL	SDG No.:	BN070524
Lab Sample ID:	P3065-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032529.D	5	6/27/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.8	U	5.8	0	36	ug/Kg
91-20-3	Naphthalene	12	JD	2	4.4	18	ug/Kg
90-12-0	1-Methylnaphthalene	5.7	JD	4.5	4.4	18	ug/Kg
91-57-6	2-Methylnaphthalene	7.3	JD	1.8	4.4	18	ug/Kg
208-96-8	Acenaphthylene	35	D	2.5	4.4	18	ug/Kg
83-32-9	Acenaphthene	18	D	2.1	4.4	18	ug/Kg
86-73-7	Fluorene	18	D	3.6	4.4	18	ug/Kg
87-86-5	Pentachlorophenol	7.4	U	7.4	8.9	36	ug/Kg
85-01-8	Phenanthrene	270	D	2.7	4.4	18	ug/Kg
120-12-7	Anthracene	69	D	2.8	4.4	18	ug/Kg
206-44-0	Fluoranthene	400	ED	3.6	4.4	18	ug/Kg
129-00-0	Pyrene	280	D	2.8	4.4	18	ug/Kg
56-55-3	Benzo(a)anthracene	190	D	2.2	4.4	18	ug/Kg
218-01-9	Chrysene	200	D	2.2	4.4	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	220	D	1.1	4.4	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	81	D	2.1	4.4	18	ug/Kg
50-32-8	Benzo(a)pyrene	110	D	1.9	4.4	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72	D	4.6	4.4	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	D	4.7	4.4	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14	JD	5.2	4.4	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.08		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.205		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.195		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5805		7.591			
1146-65-2	Naphthalene-d8	16501		10.371			
15067-26-2	Acenaphthene-d10	9228		14.239			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD3DL	SDG No.:	BN070524
Lab Sample ID:	P3065-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032529.D	5	6/27/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18005	16.999				
1719-03-5	Chrysene-d12	17622	21.203				
1520-96-3	Perylene-d12	20886	23.418				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK718	SDG No.:	BN070524
Lab Sample ID:	PB161718BL	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
BN032531.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161718

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	5.344		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.263		30-130		66	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.246		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6257		7.591			
1146-65-2	Naphthalene-d8	18373		10.365			
15067-26-2	Acenaphthene-d10	10305		14.239			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK718	SDG No.:	BN070524
Lab Sample ID:	PB161718BL	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
BN032531.D	1	6/25/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20427	16.995				
1719-03-5	Chrysene-d12	18266	21.214				
1520-96-3	Perylene-d12	19526	23.418				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR8DL	SDG No.:	BN070524
Lab Sample ID:	P2963-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.4
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
BN032532.D	5	6/22/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.9	U	5.9	0	36	ug/Kg
91-20-3	Naphthalene	16	JD	2	4.5	18	ug/Kg
90-12-0	1-Methylnaphthalene	6.1	JD	4.6	4.5	18	ug/Kg
91-57-6	2-Methylnaphthalene	9.7	JD	1.8	4.5	18	ug/Kg
208-96-8	Acenaphthylene	47	D	2.5	4.5	18	ug/Kg
83-32-9	Acenaphthene	7.6	JD	2.1	4.5	18	ug/Kg
86-73-7	Fluorene	9	JD	3.7	4.5	18	ug/Kg
87-86-5	Pentachlorophenol	7.6	U	7.6	9	36	ug/Kg
85-01-8	Phenanthrene	150	D	2.8	4.5	18	ug/Kg
120-12-7	Anthracene	58	D	2.8	4.5	18	ug/Kg
206-44-0	Fluoranthene	240	D	3.7	4.5	18	ug/Kg
129-00-0	Pyrene	200	D	2.8	4.5	18	ug/Kg
56-55-3	Benzo(a)anthracene	140	D	2.3	4.5	18	ug/Kg
218-01-9	Chrysene	160	D	2.3	4.5	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	D	1.1	4.5	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	D	2.1	4.5	18	ug/Kg
50-32-8	Benzo(a)pyrene	92	D	1.9	4.5	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	61	D	4.6	4.5	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	D	4.8	4.5	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11	JD	5.3	4.5	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.2		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.205		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.205		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5489		7.591			
1146-65-2	Naphthalene-d8	15504		10.371			
15067-26-2	Acenaphthene-d10	8683		14.239			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR8DL	SDG No.:	BN070524
Lab Sample ID:	P2963-14DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	7.4
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
BN032532.D	5	6/22/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16885	16.999				
1719-03-5	Chrysene-d12	16524	21.203				
1520-96-3	Perylene-d12	19572	23.415				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD4DL	SDG No.:	BN070524
Lab Sample ID:	P3065-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.2
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
BN032533.D	5	6/27/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.8	U	5.8	0	35	ug/Kg
91-20-3	Naphthalene	3.7	JD	2	4.4	17	ug/Kg
90-12-0	1-Methylnaphthalene	4.5	U	4.5	4.4	17	ug/Kg
91-57-6	2-Methylnaphthalene	1.8	U	1.8	4.4	17	ug/Kg
208-96-8	Acenaphthylene	14	JD	2.5	4.4	17	ug/Kg
83-32-9	Acenaphthene	5.8	JD	2.1	4.4	17	ug/Kg
86-73-7	Fluorene	6.5	JD	3.6	4.4	17	ug/Kg
87-86-5	Pentachlorophenol	7.4	U	7.4	8.8	35	ug/Kg
85-01-8	Phenanthrene	85	D	2.7	4.4	17	ug/Kg
120-12-7	Anthracene	24	D	2.7	4.4	17	ug/Kg
206-44-0	Fluoranthene	150	D	3.6	4.4	17	ug/Kg
129-00-0	Pyrene	100	D	2.7	4.4	17	ug/Kg
56-55-3	Benzo(a)anthracene	83	D	2.2	4.4	17	ug/Kg
218-01-9	Chrysene	73	D	2.2	4.4	17	ug/Kg
205-99-2	Benzo(b)fluoranthene	84	D	1.1	4.4	17	ug/Kg
207-08-9	Benzo(k)fluoranthene	35	D	2.1	4.4	17	ug/Kg
50-32-8	Benzo(a)pyrene	40	D	1.9	4.4	17	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	D	4.5	4.4	17	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	12	JD	4.7	4.4	17	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.3	JD	5.2	4.4	17	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.41		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.195		30-130		49	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.185		20-140		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6063		7.591			
1146-65-2	Naphthalene-d8	17143		10.37			
15067-26-2	Acenaphthene-d10	9405		14.238			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD4DL	SDG No.:	BN070524
Lab Sample ID:	P3065-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.2
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
BN032533.D	5	6/27/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18338	16.998				
1719-03-5	Chrysene-d12	17654	21.204				
1520-96-3	Perylene-d12	21483	23.417				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD7DL	SDG No.:	BN070524
Lab Sample ID:	P3065-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	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
BN032534.D	5	6/27/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.8	U	5.8	0	35	ug/Kg
91-20-3	Naphthalene	4.9	JD	1.9	4.3	17	ug/Kg
90-12-0	1-Methylnaphthalene	4.5	U	4.5	4.3	17	ug/Kg
91-57-6	2-Methylnaphthalene	1.8	U	1.8	4.3	17	ug/Kg
208-96-8	Acenaphthylene	15	JD	2.5	4.3	17	ug/Kg
83-32-9	Acenaphthene	5.4	JD	2	4.3	17	ug/Kg
86-73-7	Fluorene	6.5	JD	3.6	4.3	17	ug/Kg
87-86-5	Pentachlorophenol	7.3	U	7.3	8.8	35	ug/Kg
85-01-8	Phenanthrene	98	D	2.7	4.3	17	ug/Kg
120-12-7	Anthracene	27	D	2.7	4.3	17	ug/Kg
206-44-0	Fluoranthene	160	D	3.6	4.3	17	ug/Kg
129-00-0	Pyrene	110	D	2.7	4.3	17	ug/Kg
56-55-3	Benzo(a)anthracene	89	D	2.2	4.3	17	ug/Kg
218-01-9	Chrysene	80	D	2.2	4.3	17	ug/Kg
205-99-2	Benzo(b)fluoranthene	92	D	1.1	4.3	17	ug/Kg
207-08-9	Benzo(k)fluoranthene	39	D	2	4.3	17	ug/Kg
50-32-8	Benzo(a)pyrene	46	D	1.9	4.3	17	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	D	4.5	4.3	17	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14	JD	4.7	4.3	17	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5.9	JD	5.1	4.3	17	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.115		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.19		30-130		47	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.175		20-140		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5973		7.591			
1146-65-2	Naphthalene-d8	16970		10.37			
15067-26-2	Acenaphthene-d10	9435		14.238			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CD7DL	SDG No.:	BN070524
Lab Sample ID:	P3065-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	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
BN032534.D	5	6/27/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18899	16.994				
1719-03-5	Chrysene-d12	17831	21.204				
1520-96-3	Perylene-d12	21545	23.417				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CE4DL	SDG No.:	BN070524
Lab Sample ID:	P3065-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.1
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
BN032535.D	5	6/27/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.2	U	6.2	0	38	ug/Kg
91-20-3	Naphthalene	2.1	U	2.1	4.6	18	ug/Kg
90-12-0	1-Methylnaphthalene	4.8	U	4.8	4.6	18	ug/Kg
91-57-6	2-Methylnaphthalene	1.9	U	1.9	4.6	18	ug/Kg
208-96-8	Acenaphthylene	4.5	JD	2.6	4.6	18	ug/Kg
83-32-9	Acenaphthene	2.2	U	2.2	4.6	18	ug/Kg
86-73-7	Fluorene	3.8	U	3.8	4.6	18	ug/Kg
87-86-5	Pentachlorophenol	7.8	U	7.8	9.4	38	ug/Kg
85-01-8	Phenanthrene	30	D	2.9	4.6	18	ug/Kg
120-12-7	Anthracene	7.7	JD	2.9	4.6	18	ug/Kg
206-44-0	Fluoranthene	54	D	3.8	4.6	18	ug/Kg
129-00-0	Pyrene	48	D	2.9	4.6	18	ug/Kg
56-55-3	Benzo(a)anthracene	24	D	2.4	4.6	18	ug/Kg
218-01-9	Chrysene	28	D	2.4	4.6	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	D	1.2	4.6	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	13	JD	2.2	4.6	18	ug/Kg
50-32-8	Benzo(a)pyrene	30	D	2	4.6	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	16	JD	4.8	4.6	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5	U	5	4.6	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	19	D	5.5	4.6	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.54		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.2		30-130		50	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.185		20-140		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6308		7.591			
1146-65-2	Naphthalene-d8	18205		10.371			
15067-26-2	Acenaphthene-d10	9980		14.239			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	A4CE4DL	SDG No.:	BN070524
Lab Sample ID:	P3065-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.1
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
BN032535.D	5	6/27/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19441	16.999				
1719-03-5	Chrysene-d12	18216	21.208				
1520-96-3	Perylene-d12	20428	23.424				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS5DL	SDG No.:	BN070524
Lab Sample ID:	P2964-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	36.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032536.D	5	6/21/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.7	U	8.7	0	53	ug/Kg
91-20-3	Naphthalene	86	D	2.9	6.5	26	ug/Kg
90-12-0	1-Methylnaphthalene	27	D	6.7	6.5	26	ug/Kg
91-57-6	2-Methylnaphthalene	45	D	2.7	6.5	26	ug/Kg
208-96-8	Acenaphthylene	170	D	3.7	6.5	26	ug/Kg
83-32-9	Acenaphthene	37	D	3.1	6.5	26	ug/Kg
86-73-7	Fluorene	45	D	5.4	6.5	26	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	13.2	53	ug/Kg
85-01-8	Phenanthrene	680	ED	4	6.5	26	ug/Kg
120-12-7	Anthracene	220	D	4.1	6.5	26	ug/Kg
206-44-0	Fluoranthene	1100	ED	5.4	6.5	26	ug/Kg
129-00-0	Pyrene	830	ED	4.1	6.5	26	ug/Kg
56-55-3	Benzo(a)anthracene	600	ED	3.3	6.5	26	ug/Kg
218-01-9	Chrysene	640	ED	3.3	6.5	26	ug/Kg
205-99-2	Benzo(b)fluoranthene	650	ED	1.7	6.5	26	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	D	3.1	6.5	26	ug/Kg
50-32-8	Benzo(a)pyrene	380	D	2.8	6.5	26	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270	D	6.8	6.5	26	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	D	7	6.5	26	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	D	7.7	6.5	26	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.32		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.205		30-130		51	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	5971		7.591			
1146-65-2	Naphthalene-d8	17145		10.365			
15067-26-2	Acenaphthene-d10	9717		14.239			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS5DL	SDG No.:	BN070524
Lab Sample ID:	P2964-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	36.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032536.D	5	6/21/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19975	16.995				
1719-03-5	Chrysene-d12	19224	21.2				
1520-96-3	Perylene-d12	23319	23.415				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	8.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS6DL	SDG No.:	BN070524
Lab Sample ID:	P2964-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	52.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032537.D	5	6/21/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	0	70	ug/Kg
91-20-3	Naphthalene	31	JD	3.9	8.6	35	ug/Kg
90-12-0	1-Methylnaphthalene	11	JD	8.9	8.6	35	ug/Kg
91-57-6	2-Methylnaphthalene	14	JD	3.6	8.6	35	ug/Kg
208-96-8	Acenaphthylene	80	D	4.9	8.6	35	ug/Kg
83-32-9	Acenaphthene	38	D	4.1	8.6	35	ug/Kg
86-73-7	Fluorene	40	D	7.1	8.6	35	ug/Kg
87-86-5	Pentachlorophenol	15	U	15	17.5	70	ug/Kg
85-01-8	Phenanthrene	620	ED	5.3	8.6	35	ug/Kg
120-12-7	Anthracene	160	D	5.4	8.6	35	ug/Kg
206-44-0	Fluoranthene	1100	ED	7.1	8.6	35	ug/Kg
129-00-0	Pyrene	810	ED	5.4	8.6	35	ug/Kg
56-55-3	Benzo(a)anthracene	560	ED	4.4	8.6	35	ug/Kg
218-01-9	Chrysene	600	ED	4.4	8.6	35	ug/Kg
205-99-2	Benzo(b)fluoranthene	650	ED	2.2	8.6	35	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	D	4.1	8.6	35	ug/Kg
50-32-8	Benzo(a)pyrene	360	D	3.8	8.6	35	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	D	9	8.6	35	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99	D	9.3	8.6	35	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	D	10	8.6	35	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.51		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.205		30-130		51	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	5975	7.591				
1146-65-2	Naphthalene-d8	16937	10.37				
15067-26-2	Acenaphthene-d10	9448	14.238				

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS6DL	SDG No.:	BN070524
Lab Sample ID:	P2964-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	52.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032537.D	5	6/21/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18819	16.994				
1719-03-5	Chrysene-d12	18241	21.201				
1520-96-3	Perylene-d12	21623	23.414				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	12	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS4DL	SDG No.:	BN070524
Lab Sample ID:	P2964-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	27.1
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
BN032538.D	5	6/21/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.5	U	7.5	0	46	ug/Kg
91-20-3	Naphthalene	61	D	2.5	5.7	23	ug/Kg
90-12-0	1-Methylnaphthalene	22	JD	5.8	5.7	23	ug/Kg
91-57-6	2-Methylnaphthalene	32	D	2.3	5.7	23	ug/Kg
208-96-8	Acenaphthylene	190	D	3.2	5.7	23	ug/Kg
83-32-9	Acenaphthene	27	D	2.7	5.7	23	ug/Kg
86-73-7	Fluorene	85	D	4.7	5.7	23	ug/Kg
87-86-5	Pentachlorophenol	9.6	U	9.6	11.5	46	ug/Kg
85-01-8	Phenanthrene	1100	ED	3.5	5.7	23	ug/Kg
120-12-7	Anthracene	300	D	3.6	5.7	23	ug/Kg
206-44-0	Fluoranthene	1300	ED	4.7	5.7	23	ug/Kg
129-00-0	Pyrene	1000	ED	3.6	5.7	23	ug/Kg
56-55-3	Benzo(a)anthracene	690	ED	2.9	5.7	23	ug/Kg
218-01-9	Chrysene	630	ED	2.9	5.7	23	ug/Kg
205-99-2	Benzo(b)fluoranthene	630	ED	1.4	5.7	23	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	D	2.7	5.7	23	ug/Kg
50-32-8	Benzo(a)pyrene	410	ED	2.5	5.7	23	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	D	5.9	5.7	23	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	D	6.1	5.7	23	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	D	6.7	5.7	23	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.405		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.205		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.2		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6106		7.591			
1146-65-2	Naphthalene-d8	17345		10.364			
15067-26-2	Acenaphthene-d10	9706		14.238			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS4DL	SDG No.:	BN070524
Lab Sample ID:	P2964-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	27.1
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
BN032538.D	5	6/21/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161629

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19164	16.994				
1719-03-5	Chrysene-d12	18742	21.201				
1520-96-3	Perylene-d12	22296	23.414				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX6DL	SDG No.:	BN070524
Lab Sample ID:	P3065-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	43.5
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
BN032539.D	5	6/27/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.7	U	9.7	0	59	ug/Kg
91-20-3	Naphthalene	56	D	3.3	7.3	29	ug/Kg
90-12-0	1-Methylnaphthalene	21	JD	7.5	7.3	29	ug/Kg
91-57-6	2-Methylnaphthalene	28	JD	3	7.3	29	ug/Kg
208-96-8	Acenaphthylene	170	D	4.1	7.3	29	ug/Kg
83-32-9	Acenaphthene	86	D	3.4	7.3	29	ug/Kg
86-73-7	Fluorene	85	D	6	7.3	29	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	14.8	59	ug/Kg
85-01-8	Phenanthrene	1400	ED	4.5	7.3	29	ug/Kg
120-12-7	Anthracene	310	D	4.6	7.3	29	ug/Kg
206-44-0	Fluoranthene	2600	ED	6	7.3	29	ug/Kg
129-00-0	Pyrene	1800	ED	4.6	7.3	29	ug/Kg
56-55-3	Benzo(a)anthracene	1300	ED	3.7	7.3	29	ug/Kg
218-01-9	Chrysene	1400	ED	3.7	7.3	29	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	ED	1.9	7.3	29	ug/Kg
207-08-9	Benzo(k)fluoranthene	560	ED	3.4	7.3	29	ug/Kg
50-32-8	Benzo(a)pyrene	750	ED	3.2	7.3	29	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	480	ED	7.6	7.3	29	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230	D	7.8	7.3	29	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88	D	8.6	7.3	29	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.9		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.375		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.32		20-140		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6516		7.59			
1146-65-2	Naphthalene-d8	18681		10.365			
15067-26-2	Acenaphthene-d10	10325		14.234			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CX6DL	SDG No.:	BN070524
Lab Sample ID:	P3065-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	43.5
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
BN032539.D	5	6/27/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161807

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20331	16.99				
1719-03-5	Chrysene-d12	18181	21.203				
1520-96-3	Perylene-d12	22666	23.415				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR7DL	SDG No.:	BN070524
Lab Sample ID:	P2963-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032540.D	5	6/22/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.5	U	9.5	0	58	ug/Kg
91-20-3	Naphthalene	110	D	3.2	7.1	29	ug/Kg
90-12-0	1-Methylnaphthalene	95	D	7.4	7.1	29	ug/Kg
91-57-6	2-Methylnaphthalene	99	D	2.9	7.1	29	ug/Kg
208-96-8	Acenaphthylene	110	D	4.1	7.1	29	ug/Kg
83-32-9	Acenaphthene	230	D	3.4	7.1	29	ug/Kg
86-73-7	Fluorene	240	D	5.9	7.1	29	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	14.5	58	ug/Kg
85-01-8	Phenanthrene	2700	ED	4.4	7.1	29	ug/Kg
120-12-7	Anthracene	570	ED	4.5	7.1	29	ug/Kg
206-44-0	Fluoranthene	2200	ED	5.9	7.1	29	ug/Kg
129-00-0	Pyrene	1800	ED	4.5	7.1	29	ug/Kg
56-55-3	Benzo(a)anthracene	1100	ED	3.6	7.1	29	ug/Kg
218-01-9	Chrysene	1100	ED	3.6	7.1	29	ug/Kg
205-99-2	Benzo(b)fluoranthene	810	ED	1.8	7.1	29	ug/Kg
207-08-9	Benzo(k)fluoranthene	290	D	3.4	7.1	29	ug/Kg
50-32-8	Benzo(a)pyrene	490	ED	3.1	7.1	29	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	D	7.4	7.1	29	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	D	7.7	7.1	29	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	D	8.5	7.1	29	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.205		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.305		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	7089		7.591			
1146-65-2	Naphthalene-d8	20294		10.365			
15067-26-2	Acenaphthene-d10	11232		14.235			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR7DL	SDG No.:	BN070524
Lab Sample ID:	P2963-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032540.D	5	6/22/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21814	16.991				
1719-03-5	Chrysene-d12	19936	21.2				
1520-96-3	Perylene-d12	25132	23.412				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2	SDG No.:	BN070524
Lab Sample ID:	P2982-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	38.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032541.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8	U	1.8	0	11	ug/Kg
91-20-3	Naphthalene	12		0.6	1.3	5.4	ug/Kg
90-12-0	1-Methylnaphthalene	4.5	J	1.4	1.3	5.4	ug/Kg
91-57-6	2-Methylnaphthalene	5.9		0.55	1.3	5.4	ug/Kg
208-96-8	Acenaphthylene	32		0.77	1.3	5.4	ug/Kg
83-32-9	Acenaphthene	17		0.64	1.3	5.4	ug/Kg
86-73-7	Fluorene	18		1.1	1.3	5.4	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2.7	11	ug/Kg
85-01-8	Phenanthrene	310	E	0.83	1.3	5.4	ug/Kg
120-12-7	Anthracene	69		0.85	1.3	5.4	ug/Kg
206-44-0	Fluoranthene	630	E	1.1	1.3	5.4	ug/Kg
129-00-0	Pyrene	410	E	0.85	1.3	5.4	ug/Kg
56-55-3	Benzo(a)anthracene	300	E	0.69	1.3	5.4	ug/Kg
218-01-9	Chrysene	330	E	0.69	1.3	5.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	370	E	0.34	1.3	5.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	E	0.64	1.3	5.4	ug/Kg
50-32-8	Benzo(a)pyrene	170	E	0.59	1.3	5.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	E	1.4	1.3	5.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57		1.5	1.3	5.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	20		1.6	1.3	5.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.333		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.135		30-130		34	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.132		20-140		33	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7365		7.586			
1146-65-2	Naphthalene-d8	21191		10.359			
15067-26-2	Acenaphthene-d10	11917		14.233			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2	SDG No.:	BN070524
Lab Sample ID:	P2982-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	38.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032541.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23977	16.989				
1719-03-5	Chrysene-d12	22214	21.199				
1520-96-3	Perylene-d12	26377	23.414				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2MS	SDG No.:	BN070524
Lab Sample ID:	P2982-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	38.7
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
BN032542.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18		1.8	0	11	ug/Kg
91-20-3	Naphthalene	11		0.6	1.3	5.4	ug/Kg
90-12-0	1-Methylnaphthalene	6.8		1.4	1.3	5.4	ug/Kg
91-57-6	2-Methylnaphthalene	7.6		0.55	1.3	5.4	ug/Kg
208-96-8	Acenaphthylene	28		0.76	1.3	5.4	ug/Kg
83-32-9	Acenaphthene	17		0.63	1.3	5.4	ug/Kg
86-73-7	Fluorene	17		1.1	1.3	5.4	ug/Kg
87-86-5	Pentachlorophenol	13		2.3	2.7	11	ug/Kg
85-01-8	Phenanthrene	240	E	0.83	1.3	5.4	ug/Kg
120-12-7	Anthracene	57		0.85	1.3	5.4	ug/Kg
206-44-0	Fluoranthene	470	E	1.1	1.3	5.4	ug/Kg
129-00-0	Pyrene	330	E	0.85	1.3	5.4	ug/Kg
56-55-3	Benzo(a)anthracene	230	E	0.68	1.3	5.4	ug/Kg
218-01-9	Chrysene	250	E	0.68	1.3	5.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	E	0.34	1.3	5.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	91	E	0.63	1.3	5.4	ug/Kg
50-32-8	Benzo(a)pyrene	120	E	0.59	1.3	5.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81		1.4	1.3	5.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41		1.4	1.3	5.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14		1.6	1.3	5.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.134		15-120		17	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.103	*	30-130		26	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.077	*	20-140		19	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6099		7.591			
1146-65-2	Naphthalene-d8	18203		10.365			
15067-26-2	Acenaphthene-d10	10463		14.239			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2MS	SDG No.:	BN070524
Lab Sample ID:	P2982-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	38.7
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
BN032542.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21580	16.995				
1719-03-5	Chrysene-d12	20785	21.2				
1520-96-3	Perylene-d12	28798	23.412				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2MSD	SDG No.:	BN070524
Lab Sample ID:	P2982-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	38.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032543.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17		1.8	0	11	ug/Kg
91-20-3	Naphthalene	10		0.6	1.3	5.4	ug/Kg
90-12-0	1-Methylnaphthalene	6.3		1.4	1.3	5.4	ug/Kg
91-57-6	2-Methylnaphthalene	7		0.55	1.3	5.4	ug/Kg
208-96-8	Acenaphthylene	26		0.76	1.3	5.4	ug/Kg
83-32-9	Acenaphthene	16		0.63	1.3	5.4	ug/Kg
86-73-7	Fluorene	16		1.1	1.3	5.4	ug/Kg
87-86-5	Pentachlorophenol	12		2.3	2.7	11	ug/Kg
85-01-8	Phenanthrene	220	E	0.83	1.3	5.4	ug/Kg
120-12-7	Anthracene	52		0.85	1.3	5.4	ug/Kg
206-44-0	Fluoranthene	430	E	1.1	1.3	5.4	ug/Kg
129-00-0	Pyrene	300	E	0.85	1.3	5.4	ug/Kg
56-55-3	Benzo(a)anthracene	210	E	0.68	1.3	5.4	ug/Kg
218-01-9	Chrysene	230	E	0.68	1.3	5.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	230	E	0.34	1.3	5.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	95	E	0.63	1.3	5.4	ug/Kg
50-32-8	Benzo(a)pyrene	120	E	0.59	1.3	5.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78		1.4	1.3	5.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39		1.4	1.3	5.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13		1.6	1.3	5.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.129		15-120		16	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.094	*	30-130		23	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.071	*	20-140		18	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6134		7.595			
1146-65-2	Naphthalene-d8	18398		10.371			
15067-26-2	Acenaphthene-d10	10711		14.239			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2MSD	SDG No.:	BN070524
Lab Sample ID:	P2982-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	38.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032543.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22016	16.991				
1719-03-5	Chrysene-d12	21336	21.2				
1520-96-3	Perylene-d12	28047	23.415				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF5	SDG No.:	BN070524
Lab Sample ID:	P2982-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032544.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161679

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	1.2	J	0.44	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	1	U	1	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.41	U	0.41	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	20		0.56	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	1.7	J	0.46	0.98	3.9	ug/Kg
86-73-7	Fluorene	2.7	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	40		0.61	0.98	3.9	ug/Kg
120-12-7	Anthracene	31		0.62	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	100	E	0.81	0.98	3.9	ug/Kg
129-00-0	Pyrene	120	E	0.62	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	68	E	0.5	0.98	3.9	ug/Kg
218-01-9	Chrysene	56		0.5	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	61		0.25	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	21		0.46	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	70	E	0.43	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29		1	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.3		1.1	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34		1.2	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.761		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.207		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.203		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6184		7.586			
1146-65-2	Naphthalene-d8	17957		10.358			
15067-26-2	Acenaphthene-d10	10125		14.233			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF5	SDG No.:	BN070524
Lab Sample ID:	P2982-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN032544.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20215	16.993				
1719-03-5	Chrysene-d12	18726	21.204				
1520-96-3	Perylene-d12	20826	23.417				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BB9	SDG No.:	BN070524
Lab Sample ID:	P2982-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
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
BN032545.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	U	1.4	0	8.4	ug/Kg
91-20-3	Naphthalene	0.46	U	0.46	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	U	1.1	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	0.43	U	0.43	1	4.1	ug/Kg
208-96-8	Acenaphthylene	1.2	J	0.59	1	4.1	ug/Kg
83-32-9	Acenaphthene	0.49	U	0.49	1	4.1	ug/Kg
86-73-7	Fluorene	0.85	U	0.85	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	1.8	U	1.8	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	1.5	J	0.64	1	4.1	ug/Kg
120-12-7	Anthracene	0.65	U	0.65	1	4.1	ug/Kg
206-44-0	Fluoranthene	2.9	J	0.85	1	4.1	ug/Kg
129-00-0	Pyrene	2.6	J	0.65	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	2	J	0.53	1	4.1	ug/Kg
218-01-9	Chrysene	1.7	J	0.53	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.4	J	0.26	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.84	J	0.49	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	2.1	J	0.45	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	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	1.5	J	1.2	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.237		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.183		30-130		46	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.182		20-140		45	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8798		7.586			
1146-65-2	Naphthalene-d8	25735		10.36			
15067-26-2	Acenaphthene-d10	14372		14.235			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BB9	SDG No.:	BN070524
Lab Sample ID:	P2982-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.2
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
BN032545.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	28112	16.995				
1719-03-5	Chrysene-d12	25815	21.209				
1520-96-3	Perylene-d12	28083	23.421				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC2	SDG No.:	BN070524
Lab Sample ID:	P2982-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.5
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
BN032546.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161679

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	0.43	U	0.43	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.98	U	0.98	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.39	U	0.39	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	1.2	J	0.54	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	0.45	U	0.45	0.95	3.8	ug/Kg
86-73-7	Fluorene	0.78	U	0.78	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	1.6	U	1.6	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	2	J	0.59	0.95	3.8	ug/Kg
120-12-7	Anthracene	0.6	U	0.6	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	4.7		0.78	0.95	3.8	ug/Kg
129-00-0	Pyrene	4.5		0.6	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	4.2		0.48	0.95	3.8	ug/Kg
218-01-9	Chrysene	3.2	J	0.48	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	4.8		0.24	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.7	J	0.45	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	5.1		0.41	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.3	J	0.99	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1	U	1	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.8	J	1.1	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.362		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.207		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.192		20-140		48	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6415		7.586			
1146-65-2	Naphthalene-d8	18890		10.36			
15067-26-2	Acenaphthene-d10	10512		14.235			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC2	SDG No.:	BN070524
Lab Sample ID:	P2982-20	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.5
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
BN032546.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20741	16.991				
1719-03-5	Chrysene-d12	18545	21.211				
1520-96-3	Perylene-d12	20072	23.424				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF9	SDG No.:	BN070524
Lab Sample ID:	P2982-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.8
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
BN032547.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0	7.1	ug/Kg
91-20-3	Naphthalene	0.39	U	0.39	0.88	3.5	ug/Kg
90-12-0	1-Methylnaphthalene	0.9	U	0.9	0.88	3.5	ug/Kg
91-57-6	2-Methylnaphthalene	0.36	U	0.36	0.88	3.5	ug/Kg
208-96-8	Acenaphthylene	1.7	J	0.5	0.88	3.5	ug/Kg
83-32-9	Acenaphthene	0.41	U	0.41	0.88	3.5	ug/Kg
86-73-7	Fluorene	0.72	U	0.72	0.88	3.5	ug/Kg
87-86-5	Pentachlorophenol	1.5	U	1.5	1.8	7.1	ug/Kg
85-01-8	Phenanthrene	4.6		0.54	0.88	3.5	ug/Kg
120-12-7	Anthracene	1.5	J	0.55	0.88	3.5	ug/Kg
206-44-0	Fluoranthene	8.1		0.72	0.88	3.5	ug/Kg
129-00-0	Pyrene	7.9		0.55	0.88	3.5	ug/Kg
56-55-3	Benzo(a)anthracene	4.6		0.45	0.88	3.5	ug/Kg
218-01-9	Chrysene	4		0.45	0.88	3.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	5.5		0.22	0.88	3.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	2	J	0.41	0.88	3.5	ug/Kg
50-32-8	Benzo(a)pyrene	5.4		0.38	0.88	3.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.7	J	0.91	0.88	3.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.94	U	0.94	0.88	3.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.4	J	1	0.88	3.5	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.139		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.216		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.215		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6488		7.586			
1146-65-2	Naphthalene-d8	18938		10.36			
15067-26-2	Acenaphthene-d10	10711		14.235			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF9	SDG No.:	BN070524
Lab Sample ID:	P2982-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.8
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
BN032547.D	1	6/24/2024 12:00:00 AM	7/6/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21216	16.991				
1719-03-5	Chrysene-d12	19150	21.211				
1520-96-3	Perylene-d12	20419	23.424				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.2	U			99	ug/Kg



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : E1GE0								
P2961-05	E1GE0	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P2961-05	E1GE0	Water	Benzo(a)anthracene		0.040	J 0.015	0.1	ug/L
P2961-05	E1GE0	Water	Chrysene		0.040	J 0.014	0.1	ug/L
P2961-05	E1GE0	Water	Naphthalene		0.040	J 0.011	0.1	ug/L
			Total Svoc :			0.12		
			Total Concentration:			0.12		
Client ID : E1GC5								
P2961-06	E1GC5	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P2961-06	E1GC5	Water	Benzo(a)anthracene		0.030	J 0.015	0.1	ug/L
P2961-06	E1GC5	Water	Chrysene		0.040	J 0.014	0.1	ug/L
P2961-06	E1GC5	Water	Naphthalene		0.080	J 0.011	0.1	ug/L
			Total Svoc :			0.15		
			Total Concentration:			0.15		
Client ID : E1G71								
P2961-08	E1G71	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P2961-08	E1G71	Water	Benzo(a)anthracene		0.030	J 0.015	0.1	ug/L
P2961-08	E1G71	Water	Chrysene		0.040	J 0.014	0.1	ug/L
			Total Svoc :			0.07		
			Total Concentration:			0.07		
Client ID : E1GC6								
P2961-14	E1GC6	Water	Total Alkanes	*	0.000	0.031	0.2	ug/L
			Total Tics :			0.00		
P2961-14	E1GC6	Water	Benzo(a)anthracene		0.040	J 0.015	0.1	ug/L
P2961-14	E1GC6	Water	Chrysene		0.040	J 0.014	0.1	ug/L
P2961-14	E1GC6	Water	Fluoranthene		0.030	J 0.022	0.1	ug/L
P2961-14	E1GC6	Water	Naphthalene		0.040	J 0.011	0.1	ug/L
			Total Svoc :			0.15		
			Total Concentration:			0.15		
Client ID : A4B47DL								
P2963-02DL	A4B47DL	Solid	Total Alkanes	*	0.000	D 11	68	ug/Kg
			Total Tics :			0.00		
P2963-02DL	A4B47DL	Solid	1-Methylnaphthalene		19.000	JD 8.7	34	ug/Kg
P2963-02DL	A4B47DL	Solid	2-Methylnaphthalene		24.000	JD 3.5	34	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2963-02DL	A4B47DL	Solid	Acenaphthene	66.000	D	4	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Acenaphthylene	47.000	D	4.8	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Anthracene	190.000	D	5.3	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Benzo(a)anthracene	530.000	D	4.3	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Benzo(a)pyrene	270.000	D	3.7	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Benzo(b)fluoranthene	450.000	D	2.1	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Benzo(g,h,i)perylene	27.000	JD	10	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Benzo(k)fluoranthene	170.000	D	4	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Chrysene	530.000	D	4.3	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Dibenzo(a,h)anthracene	70.000	D	9.1	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Fluoranthene	1,000.000	ED	6.9	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Fluorene	73.000	D	6.9	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Indeno(1,2,3-cd)pyrene	130.000	D	8.8	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Naphthalene	160.000	D	3.8	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Phenanthrene	850.000	ED	5.2	34	ug/Kg
P2963-02DL	A4B47DL	Solid	Pyrene	710.000	ED	5.3	34	ug/Kg
Total Svoc :				5,316.00				
Total Concentration:				5,316.00				

Client ID : A4CQ9DL

P2963-08DL	A4CQ9DL	Solid	Total Alkanes	*	0.000	D	6.7	41	ug/Kg
Total Tics :					0.00				
P2963-08DL	A4CQ9DL	Solid	1-Methylnaphthalene		30.000	D	5.2	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	2-Methylnaphthalene		49.000	D	2.1	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Acenaphthene		79.000	D	2.4	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Acenaphthylene		84.000	D	2.9	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Anthracene		210.000	D	3.2	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Benzo(a)anthracene		530.000	ED	2.6	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Benzo(a)pyrene		310.000	D	2.2	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Benzo(b)fluoranthene		520.000	ED	1.3	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Benzo(g,h,i)perylene		32.000	D	6	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Benzo(k)fluoranthene		170.000	D	2.4	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Chrysene		520.000	ED	2.6	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Dibenzo(a,h)anthracene		80.000	D	5.4	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Fluoranthene		1,100.000	ED	4.1	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Fluorene		73.000	D	4.1	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Indeno(1,2,3-cd)pyrene		180.000	D	5.2	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Naphthalene		140.000	D	2.3	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Phenanthrene		1,000.000	ED	3.1	20	ug/Kg
P2963-08DL	A4CQ9DL	Solid	Pyrene		770.000	ED	3.2	20	ug/Kg
Total Svoc :					5,877.00				

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SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				5,877.00				
Client ID :	A4CR0DL							
P2963-09DL	A4CR0DL	Solid	Total Alkanes	*	0.000	D 7.9	48	ug/Kg
Total Tics :				0.00				
P2963-09DL	A4CR0DL	Solid	1-Methylnaphthalene	6.300	JD	6.1	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	2-Methylnaphthalene	7.200	JD	2.5	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Acenaphthene	25.000	D	2.8	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Acenaphthylene	29.000	D	3.4	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Anthracene	96.000	D	3.8	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Benzo(a)anthracene	240.000	D	3	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Benzo(a)pyrene	130.000	D	2.6	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Benzo(b)fluoranthene	230.000	D	1.5	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Benzo(g,h,i)perylene	14.000	JD	7.1	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Benzo(k)fluoranthene	95.000	D	2.8	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Chrysene	220.000	D	3	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Dibenzo(a,h)anthracene	36.000	D	6.4	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Fluoranthene	480.000	ED	4.9	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Fluorene	29.000	D	4.9	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Indeno(1,2,3-cd)pyrene	83.000	D	6.2	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Naphthalene	13.000	JD	2.7	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Phenanthrene	380.000	D	3.7	24	ug/Kg
P2963-09DL	A4CR0DL	Solid	Pyrene	330.000	D	3.8	24	ug/Kg
Total Svoc :				2,443.50				
Total Concentration:				2,443.50				
Client ID :	A4CR6DL							
P2963-12DL	A4CR6DL	Solid	Total Alkanes	*	0.000	D 5.9	36	ug/Kg
Total Tics :				0.00				
P2963-12DL	A4CR6DL	Solid	1-Methylnaphthalene	17.000	JD	4.6	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	2-Methylnaphthalene	16.000	JD	1.8	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Acenaphthene	41.000	D	2.1	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Acenaphthylene	61.000	D	2.5	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Anthracene	230.000	D	2.8	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Benzo(a)anthracene	460.000	ED	2.3	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Benzo(a)pyrene	220.000	D	1.9	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Benzo(b)fluoranthene	390.000	ED	1.1	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Benzo(g,h,i)perylene	22.000	D	5.3	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Benzo(k)fluoranthene	140.000	D	2.1	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Chrysene	420.000	ED	2.3	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Dibenzo(a,h)anthracene	61.000	D	4.8	18	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2963-12DL	A4CR6DL	Solid	Fluoranthene	890.000	ED	3.7	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Fluorene	38.000	D	3.7	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Indeno(1,2,3-cd)pyrene	130.000	D	4.6	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Naphthalene	19.000	D	2	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Phenanthrene	810.000	ED	2.7	18	ug/Kg
P2963-12DL	A4CR6DL	Solid	Pyrene	690.000	ED	2.8	18	ug/Kg
Total Svoc :				4,655.00				
Total Concentration:				4,655.00				
Client ID : A4CR7DL								
P2963-13DL	A4CR7DL	Solid	Total Alkanes	*	0.000	D 9.5	58	ug/Kg
Total Tics :				0.00				
P2963-13DL	A4CR7DL	Solid	1-Methylnaphthalene	95.000	D	7.4	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	2-Methylnaphthalene	99.000	D	2.9	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Acenaphthene	230.000	D	3.4	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Acenaphthylene	110.000	D	4.1	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Anthracene	570.000	ED	4.5	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Benzo(a)anthracene	1,100.000	ED	3.6	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Benzo(a)pyrene	490.000	ED	3.1	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Benzo(b)fluoranthene	810.000	ED	1.8	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Benzo(g,h,i)perylene	43.000	D	8.5	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Benzo(k)fluoranthene	290.000	D	3.4	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Chrysene	1,100.000	ED	3.6	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Dibenzo(a,h)anthracene	130.000	D	7.7	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Fluoranthene	2,200.000	ED	5.9	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Fluorene	240.000	D	5.9	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Indeno(1,2,3-cd)pyrene	250.000	D	7.4	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Naphthalene	110.000	D	3.2	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Phenanthrene	2,700.000	ED	4.4	29	ug/Kg
P2963-13DL	A4CR7DL	Solid	Pyrene	1,800.000	ED	4.5	29	ug/Kg
Total Svoc :				12,367.00				
Total Concentration:				12,367.00				
Client ID : A4CR8DL								
P2963-14DL	A4CR8DL	Solid	Total Alkanes	*	0.000	D 5.9	36	ug/Kg
Total Tics :				0.00				
P2963-14DL	A4CR8DL	Solid	1-Methylnaphthalene	6.100	JD	4.6	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	2-Methylnaphthalene	9.700	JD	1.8	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Acenaphthene	7.600	JD	2.1	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Acenaphthylene	47.000	D	2.5	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Anthracene	58.000	D	2.8	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Benzo(a)anthracene	140.000	D	2.3	18	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2963-14DL	A4CR8DL	Solid	Benzo(a)pyrene	92.000	D	1.9	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Benzo(b)fluoranthene	170.000	D	1.1	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Benzo(g,h,i)perylene	11.000	JD	5.3	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Benzo(k)fluoranthene	69.000	D	2.1	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Chrysene	160.000	D	2.3	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Dibenzo(a,h)anthracene	29.000	D	4.8	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Fluoranthene	240.000	D	3.7	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Fluorene	9.000	JD	3.7	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Indeno(1,2,3-cd)pyrene	61.000	D	4.6	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Naphthalene	16.000	JD	2	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Phenanthrene	150.000	D	2.8	18	ug/Kg
P2963-14DL	A4CR8DL	Solid	Pyrene	200.000	D	2.8	18	ug/Kg
Total Svoc :				1,475.40				
Total Concentration:				1,475.40				
Client ID :	A4CS9DL							
P2963-18DL	A4CS9DL	Solid	Total Alkanes	*	0.000	D 6	37	ug/Kg
Total Tics :				0.00				
P2963-18DL	A4CS9DL	Solid	Acenaphthylene	3.800	JD	2.6	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Anthracene	4.200	JD	2.8	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Benzo(a)anthracene	12.000	JD	2.3	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Benzo(a)pyrene	13.000	JD	2	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Benzo(b)fluoranthene	14.000	JD	1.1	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Benzo(g,h,i)perylene	8.000	JD	5.4	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Benzo(k)fluoranthene	5.800	JD	2.1	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Chrysene	10.000	JD	2.3	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Fluoranthene	19.000	D	3.7	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Indeno(1,2,3-cd)pyrene	6.900	JD	4.7	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Phenanthrene	11.000	JD	2.8	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Pyrene	19.000	D	2.8	18	ug/Kg
Total Svoc :				126.70				
Total Concentration:				126.70				
Client ID :	A4CS3DL							
P2963-22DL	A4CS3DL	Solid	Total Alkanes	*	0.000	D 7.2	44	ug/Kg
Total Tics :				0.00				
P2963-22DL	A4CS3DL	Solid	1-Methylnaphthalene	23.000	D	5.6	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	2-Methylnaphthalene	42.000	D	2.2	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Acenaphthene	40.000	D	2.6	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Acenaphthylene	150.000	D	3.1	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Anthracene	220.000	D	3.4	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Benzo(a)anthracene	620.000	ED	2.8	22	ug/Kg

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SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2963-22DL	A4CS3DL	Solid	Benzo(a)pyrene	360.000	ED	2.4	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Benzo(b)fluoranthene	710.000	ED	1.4	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Benzo(g,h,i)perylene	43.000	D	6.4	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Benzo(k)fluoranthene	230.000	D	2.6	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Chrysene	640.000	ED	2.8	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Dibenzo(a,h)anthracene	120.000	D	5.9	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Fluoranthene	1,100.000	ED	4.5	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Fluorene	43.000	D	4.5	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Indeno(1,2,3-cd)pyrene	240.000	D	5.7	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Naphthalene	78.000	D	2.4	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Phenanthrene	690.000	ED	3.4	22	ug/Kg
P2963-22DL	A4CS3DL	Solid	Pyrene	790.000	ED	3.4	22	ug/Kg
Total Svoc :				6,139.00				
Total Concentration:				6,139.00				
Client ID :	A4B49DL							
P2964-02DL	A4B49DL	Solid	Total Alkanes	*	0.000	D 14	83	ug/Kg
Total Tics :				0.00				
P2964-02DL	A4B49DL	Solid	Acenaphthene	21.000	JD	4.9	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Acenaphthylene	34.000	JD	5.8	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Anthracene	77.000	D	6.5	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Benzo(a)anthracene	300.000	D	5.2	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Benzo(a)pyrene	190.000	D	4.5	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Benzo(b)fluoranthene	380.000	D	2.6	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Benzo(g,h,i)perylene	25.000	JD	12	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Benzo(k)fluoranthene	150.000	D	4.9	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Chrysene	360.000	D	5.2	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Dibenzo(a,h)anthracene	55.000	D	11	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Fluoranthene	690.000	ED	8.5	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Fluorene	22.000	JD	8.5	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Indeno(1,2,3-cd)pyrene	130.000	D	11	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Naphthalene	15.000	JD	4.6	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Phenanthrene	390.000	D	6.3	41	ug/Kg
P2964-02DL	A4B49DL	Solid	Pyrene	480.000	D	6.5	41	ug/Kg
Total Svoc :				3,319.00				
Total Concentration:				3,319.00				
Client ID :	A4B51DL							
P2964-04DL	A4B51DL	Solid	Total Alkanes	*	0.000	D 7.6	46	ug/Kg
Total Tics :				0.00				
P2964-04DL	A4B51DL	Solid	Acenaphthene	9.000	JD	2.7	23	ug/Kg
P2964-04DL	A4B51DL	Solid	Acenaphthylene	15.000	JD	3.2	23	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2964-04DL	A4B51DL	Solid	Anthracene	40.000	D	3.6	23	ug/Kg
P2964-04DL	A4B51DL	Solid	Benzo(a)anthracene	160.000	D	2.9	23	ug/Kg
P2964-04DL	A4B51DL	Solid	Benzo(a)pyrene	80.000	D	2.5	23	ug/Kg
P2964-04DL	A4B51DL	Solid	Benzo(b)fluoranthene	160.000	D	1.5	23	ug/Kg
P2964-04DL	A4B51DL	Solid	Benzo(g,h,i)perylene	10.000	JD	6.8	23	ug/Kg
P2964-04DL	A4B51DL	Solid	Benzo(k)fluoranthene	65.000	D	2.7	23	ug/Kg
P2964-04DL	A4B51DL	Solid	Chrysene	140.000	D	2.9	23	ug/Kg
P2964-04DL	A4B51DL	Solid	Dibenzo(a,h)anthracene	23.000	D	6.2	23	ug/Kg
P2964-04DL	A4B51DL	Solid	Fluoranthene	320.000	D	4.7	23	ug/Kg
P2964-04DL	A4B51DL	Solid	Fluorene	10.000	JD	4.7	23	ug/Kg
P2964-04DL	A4B51DL	Solid	Indeno(1,2,3-cd)pyrene	53.000	D	5.9	23	ug/Kg
P2964-04DL	A4B51DL	Solid	Naphthalene	5.800	JD	2.6	23	ug/Kg
P2964-04DL	A4B51DL	Solid	Phenanthrene	170.000	D	3.5	23	ug/Kg
P2964-04DL	A4B51DL	Solid	Pyrene	210.000	D	3.6	23	ug/Kg

Total Svoc :

1,470.80

Total Concentration:

1,470.80

Client ID : A4B52DL

P2964-05DL	A4B52DL	Solid	Total Alkanes	*	0.000	D	10	61	ug/Kg
			Total Tics :						
P2964-05DL	A4B52DL	Solid	1-Methylnaphthalene		13.000	JD	7.7	30	ug/Kg
P2964-05DL	A4B52DL	Solid	2-Methylnaphthalene		16.000	JD	3.1	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Acenaphthene		76.000	D	3.5	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Acenaphthylene		55.000	D	4.3	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Anthracene		190.000	D	4.7	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Benzo(a)anthracene		570.000	ED	3.8	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Benzo(a)pyrene		310.000	D	3.3	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Benzo(b)fluoranthene		590.000	ED	1.9	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Benzo(g,h,i)perylene		33.000	D	8.9	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Benzo(k)fluoranthene		220.000	D	3.5	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Chrysene		540.000	ED	3.8	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Dibenzo(a,h)anthracene		84.000	D	8.1	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Fluoranthene		1,200.000	ED	6.2	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Fluorene		64.000	D	6.2	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Indeno(1,2,3-cd)pyrene		180.000	D	7.8	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Naphthalene		39.000	D	3.4	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Phenanthrene		830.000	ED	4.6	30	ug/Kg
P2964-05DL	A4B52DL	Solid	Pyrene		760.000	ED	4.7	30	ug/Kg

Total Svoc :

5,770.00

Total Concentration:

5,770.00

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CS4DL								
P2964-08DL	A4CS4DL	Solid	Total Alkanes	*	0.000	D 7.5	46	ug/Kg
			Total Tics :			0.00		
P2964-08DL	A4CS4DL	Solid	1-Methylnaphthalene	22.000	JD	5.8	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	2-Methylnaphthalene	32.000	D	2.3	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Acenaphthene	27.000	D	2.7	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Acenaphthylene	190.000	D	3.2	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Anthracene	300.000	D	3.6	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Benzo(a)anthracene	690.000	ED	2.9	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Benzo(a)pyrene	410.000	ED	2.5	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Benzo(b)fluoranthene	630.000	ED	1.4	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Benzo(g,h,i)perylene	50.000	D	6.7	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Benzo(k)fluoranthene	240.000	D	2.7	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Chrysene	630.000	ED	2.9	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Dibenzo(a,h)anthracene	100.000	D	6.1	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Fluoranthene	1,300.000	ED	4.7	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Fluorene	85.000	D	4.7	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Indeno(1,2,3-cd)pyrene	250.000	D	5.9	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Naphthalene	61.000	D	2.5	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Phenanthrene	1,100.000	ED	3.5	23	ug/Kg
P2964-08DL	A4CS4DL	Solid	Pyrene	1,000.000	ED	3.6	23	ug/Kg
			Total Svoc :			7,117.00		
			Total Concentration:			7,117.00		
Client ID : A4CS5DL								
P2964-11DL	A4CS5DL	Solid	Total Alkanes	*	0.000	D 8.7	53	ug/Kg
			Total Tics :			0.00		
P2964-11DL	A4CS5DL	Solid	1-Methylnaphthalene	27.000	D	6.7	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	2-Methylnaphthalene	45.000	D	2.7	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Acenaphthene	37.000	D	3.1	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Acenaphthylene	170.000	D	3.7	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Anthracene	220.000	D	4.1	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Benzo(a)anthracene	600.000	ED	3.3	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Benzo(a)pyrene	380.000	D	2.8	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Benzo(b)fluoranthene	650.000	ED	1.7	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Benzo(g,h,i)perylene	51.000	D	7.7	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Benzo(k)fluoranthene	240.000	D	3.1	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Chrysene	640.000	ED	3.3	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Dibenzo(a,h)anthracene	120.000	D	7	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Fluoranthene	1,100.000	ED	5.4	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Fluorene	45.000	D	5.4	26	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2964-11DL	A4CS5DL	Solid	Indeno(1,2,3-cd)pyrene	270.000	D	6.8	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Naphthalene	86.000	D	2.9	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Phenanthrene	680.000	ED	4	26	ug/Kg
P2964-11DL	A4CS5DL	Solid	Pyrene	830.000	ED	4.1	26	ug/Kg
Total Svoc :				6,191.00				
Total Concentration:				6,191.00				
Client ID : A4CS6DL								
P2964-12DL	A4CS6DL	Solid	Total Alkanes	*	0.000	D 12	70	ug/Kg
Total Tics :				0.00				
P2964-12DL	A4CS6DL	Solid	1-Methylnaphthalene	11.000	JD	8.9	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	2-Methylnaphthalene	14.000	JD	3.6	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Acenaphthene	38.000	D	4.1	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Acenaphthylene	80.000	D	4.9	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Anthracene	160.000	D	5.4	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Benzo(a)anthracene	560.000	ED	4.4	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Benzo(a)pyrene	360.000	D	3.8	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Benzo(b)fluoranthene	650.000	ED	2.2	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Benzo(g,h,i)perylene	43.000	D	10	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Benzo(k)fluoranthene	260.000	D	4.1	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Chrysene	600.000	ED	4.4	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Dibenzo(a,h)anthracene	99.000	D	9.3	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Fluoranthene	1,100.000	ED	7.1	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Fluorene	40.000	D	7.1	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Indeno(1,2,3-cd)pyrene	220.000	D	9	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Naphthalene	31.000	JD	3.9	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Phenanthrene	620.000	ED	5.3	35	ug/Kg
P2964-12DL	A4CS6DL	Solid	Pyrene	810.000	ED	5.4	35	ug/Kg
Total Svoc :				5,696.00				
Total Concentration:				5,696.00				
Client ID : A4CT0DL								
P2964-13DL	A4CT0DL	Solid	Total Alkanes	*	0.000	D 7.7	47	ug/Kg
Total Tics :				0.00				
P2964-13DL	A4CT0DL	Solid	Acenaphthene	7.700	JD	2.7	23	ug/Kg
P2964-13DL	A4CT0DL	Solid	Acenaphthylene	16.000	JD	3.3	23	ug/Kg
P2964-13DL	A4CT0DL	Solid	Anthracene	31.000	D	3.6	23	ug/Kg
P2964-13DL	A4CT0DL	Solid	Benzo(a)anthracene	100.000	D	2.9	23	ug/Kg
P2964-13DL	A4CT0DL	Solid	Benzo(a)pyrene	55.000	D	2.5	23	ug/Kg
P2964-13DL	A4CT0DL	Solid	Benzo(b)fluoranthene	98.000	D	1.5	23	ug/Kg
P2964-13DL	A4CT0DL	Solid	Benzo(k)fluoranthene	35.000	D	2.7	23	ug/Kg
P2964-13DL	A4CT0DL	Solid	Chrysene	87.000	D	2.9	23	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2964-13DL	A4CT0DL	Solid	Dibenzo(a,h)anthracene	14.000	JD	6.2	23	ug/Kg
P2964-13DL	A4CT0DL	Solid	Fluoranthene	170.000	D	4.8	23	ug/Kg
P2964-13DL	A4CT0DL	Solid	Fluorene	7.500	JD	4.8	23	ug/Kg
P2964-13DL	A4CT0DL	Solid	Indeno(1,2,3-cd)pyrene	34.000	D	6	23	ug/Kg
P2964-13DL	A4CT0DL	Solid	Naphthalene	7.700	JD	2.6	23	ug/Kg
P2964-13DL	A4CT0DL	Solid	Phenanthrene	100.000	D	3.6	23	ug/Kg
P2964-13DL	A4CT0DL	Solid	Pyrene	130.000	D	3.6	23	ug/Kg
Total Svoc :				892.90				
Total Concentration:				892.90				
Client ID : A4CT3DL								
P2964-14DL	A4CT3DL	Solid	Total Alkanes	*	0.000	D 7.8	48	ug/Kg
Total Tics :				0.00				
P2964-14DL	A4CT3DL	Solid	2-Methylnaphthalene	6.400	JD	2.4	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Acenaphthene	17.000	JD	2.8	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Acenaphthylene	21.000	JD	3.3	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Anthracene	53.000	D	3.7	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Benzo(a)anthracene	160.000	D	3	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Benzo(a)pyrene	88.000	D	2.6	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Benzo(b)fluoranthene	160.000	D	1.5	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Benzo(g,h,i)perylene	9.700	JD	7	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Benzo(k)fluoranthene	62.000	D	2.8	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Chrysene	150.000	D	3	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Dibenzo(a,h)anthracene	23.000	D	6.3	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Fluoranthene	310.000	D	4.8	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Fluorene	15.000	JD	4.8	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Indeno(1,2,3-cd)pyrene	55.000	D	6.1	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Naphthalene	13.000	JD	2.6	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Phenanthrene	210.000	D	3.6	23	ug/Kg
P2964-14DL	A4CT3DL	Solid	Pyrene	220.000	D	3.7	23	ug/Kg
Total Svoc :				1,573.10				
Total Concentration:				1,573.10				
Client ID : A4CT5DL								
P2964-16DL	A4CT5DL	Solid	Total Alkanes	*	0.000	D 9.3	56	ug/Kg
Total Tics :				0.00				
P2964-16DL	A4CT5DL	Solid	1-Methylnaphthalene	11.000	JD	7.2	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	2-Methylnaphthalene	13.000	JD	2.9	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Acenaphthene	50.000	D	3.3	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Acenaphthylene	77.000	D	4	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Anthracene	190.000	D	4.4	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Benzo(a)anthracene	700.000	ED	3.5	28	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2964-16DL	A4CT5DL	Solid	Benzo(a)pyrene	420.000	D	3	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Benzo(b)fluoranthene	810.000	ED	1.8	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Benzo(g,h,i)perylene	49.000	D	8.2	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Benzo(k)fluoranthene	310.000	D	3.3	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Chrysene	750.000	ED	3.5	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Dibenzo(a,h)anthracene	120.000	D	7.5	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Fluoranthene	1,500.000	ED	5.7	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Fluorene	49.000	D	5.7	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Indeno(1,2,3-cd)pyrene	270.000	D	7.2	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Naphthalene	27.000	JD	3.1	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Phenanthrene	820.000	ED	4.3	28	ug/Kg
P2964-16DL	A4CT5DL	Solid	Pyrene	990.000	ED	4.4	28	ug/Kg
Total Svoc :				7,156.00				
Total Concentration:				7,156.00				
Client ID :	A4CT6DL							
P2964-17DL	A4CT6DL	Solid	Total Alkanes	*	0.000	D 10	62	ug/Kg
Total Tics :				0.00				
P2964-17DL	A4CT6DL	Solid	Acenaphthene	14.000	JD	3.6	31	ug/Kg
P2964-17DL	A4CT6DL	Solid	Acenaphthylene	11.000	JD	4.3	31	ug/Kg
P2964-17DL	A4CT6DL	Solid	Anthracene	38.000	D	4.8	31	ug/Kg
P2964-17DL	A4CT6DL	Solid	Benzo(a)anthracene	100.000	D	3.9	31	ug/Kg
P2964-17DL	A4CT6DL	Solid	Benzo(a)pyrene	51.000	D	3.3	31	ug/Kg
P2964-17DL	A4CT6DL	Solid	Benzo(b)fluoranthene	92.000	D	1.9	31	ug/Kg
P2964-17DL	A4CT6DL	Solid	Benzo(k)fluoranthene	35.000	D	3.6	31	ug/Kg
P2964-17DL	A4CT6DL	Solid	Chrysene	82.000	D	3.9	31	ug/Kg
P2964-17DL	A4CT6DL	Solid	Dibenzo(a,h)anthracene	13.000	JD	8.2	31	ug/Kg
P2964-17DL	A4CT6DL	Solid	Fluoranthene	180.000	D	6.3	31	ug/Kg
P2964-17DL	A4CT6DL	Solid	Fluorene	14.000	JD	6.3	31	ug/Kg
P2964-17DL	A4CT6DL	Solid	Indeno(1,2,3-cd)pyrene	31.000	D	8	31	ug/Kg
P2964-17DL	A4CT6DL	Solid	Naphthalene	7.400	JD	3.4	31	ug/Kg
P2964-17DL	A4CT6DL	Solid	Phenanthrene	150.000	D	4.7	31	ug/Kg
P2964-17DL	A4CT6DL	Solid	Pyrene	130.000	D	4.8	31	ug/Kg
Total Svoc :				948.40				
Total Concentration:				948.40				
Client ID :	A4CT2							
P2982-01	A4CT2	Solid	Total Alkanes	*	0.000	1.8	11	ug/Kg
Total Tics :				0.00				
P2982-01	A4CT2	Solid	1-Methylnaphthalene	4.500	J	1.4	5.4	ug/Kg
P2982-01	A4CT2	Solid	2-Methylnaphthalene	5.900		0.55	5.4	ug/Kg
P2982-01	A4CT2	Solid	Acenaphthene	17.000		0.64	5.4	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2982-01	A4CT2	Solid	Acenaphthylene	32.000		0.77	5.4	ug/Kg
P2982-01	A4CT2	Solid	Anthracene	69.000		0.85	5.4	ug/Kg
P2982-01	A4CT2	Solid	Benzo(a)anthracene	300.000	E	0.69	5.4	ug/Kg
P2982-01	A4CT2	Solid	Benzo(a)pyrene	170.000	E	0.59	5.4	ug/Kg
P2982-01	A4CT2	Solid	Benzo(b)fluoranthene	370.000	E	0.34	5.4	ug/Kg
P2982-01	A4CT2	Solid	Benzo(g,h,i)perylene	20.000		1.6	5.4	ug/Kg
P2982-01	A4CT2	Solid	Benzo(k)fluoranthene	150.000	E	0.64	5.4	ug/Kg
P2982-01	A4CT2	Solid	Chrysene	330.000	E	0.69	5.4	ug/Kg
P2982-01	A4CT2	Solid	Dibenzo(a,h)anthracene	57.000		1.5	5.4	ug/Kg
P2982-01	A4CT2	Solid	Fluoranthene	630.000	E	1.1	5.4	ug/Kg
P2982-01	A4CT2	Solid	Fluorene	18.000		1.1	5.4	ug/Kg
P2982-01	A4CT2	Solid	Indeno(1,2,3-cd)pyrene	120.000	E	1.4	5.4	ug/Kg
P2982-01	A4CT2	Solid	Naphthalene	12.000		0.6	5.4	ug/Kg
P2982-01	A4CT2	Solid	Phenanthrene	310.000	E	0.83	5.4	ug/Kg
P2982-01	A4CT2	Solid	Pyrene	410.000	E	0.85	5.4	ug/Kg

Total Svoc :

3,025.40

Total Concentration:

3,025.40

Client ID : A4DP5

P2982-04	A4DP5	Solid	Total Alkanes	*	0.000	1.1	6.7	ug/Kg
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Total Tics :

0.00

P2982-04	A4DP5	Solid	Acenaphthene		550.000	E 0.39	3.3	ug/Kg
P2982-04	A4DP5	Solid	Acenaphthylene		340.000	E 0.47	3.3	ug/Kg
P2982-04	A4DP5	Solid	Anthracene		530.000	E 0.52	3.3	ug/Kg
P2982-04	A4DP5	Solid	Benzo(a)anthracene		43.000		3.3	ug/Kg
P2982-04	A4DP5	Solid	Benzo(a)pyrene		190.000	E 0.36	3.3	ug/Kg
P2982-04	A4DP5	Solid	Benzo(b)fluoranthene		97.000	E 0.21	3.3	ug/Kg
P2982-04	A4DP5	Solid	Benzo(g,h,i)perylene		140.000	E 0.98	3.3	ug/Kg
P2982-04	A4DP5	Solid	Benzo(k)fluoranthene		82.000	E 0.39	3.3	ug/Kg
P2982-04	A4DP5	Solid	Chrysene		120.000	E 0.42	3.3	ug/Kg
P2982-04	A4DP5	Solid	Dibenzo(a,h)anthracene		200.000	E 0.89	3.3	ug/Kg
P2982-04	A4DP5	Solid	Fluoranthene		290.000	E 0.68	3.3	ug/Kg
P2982-04	A4DP5	Solid	Fluorene		270.000	E 0.68	3.3	ug/Kg
P2982-04	A4DP5	Solid	Indeno(1,2,3-cd)pyrene		160.000	E 0.86	3.3	ug/Kg
P2982-04	A4DP5	Solid	Naphthalene		270.000	E 0.37	3.3	ug/Kg
P2982-04	A4DP5	Solid	Phenanthrene		520.000	E 0.51	3.3	ug/Kg
P2982-04	A4DP5	Solid	Pyrene		130.000	E 0.52	3.3	ug/Kg

Total Svoc :

3,932.00

Total Concentration:

3,932.00

Client ID : A4DP5DL

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2982-04DL	A4DP5DL	Solid	Total Alkanes	*	0.000	D 11	67	ug/Kg
Total Tics :				0.00				
P2982-04DL	A4DP5DL	Solid	Acenaphthene	570.000	ED	3.9	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Acenaphthylene	320.000	D	4.7	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Anthracene	510.000	D	5.2	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Benzo(a)anthracene	47.000	D	4.2	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Benzo(a)pyrene	200.000	D	3.6	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Benzo(b)fluoranthene	100.000	D	2.1	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Benzo(g,h,i)perylene	150.000	D	9.8	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Benzo(k)fluoranthene	90.000	D	3.9	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Chrysene	130.000	D	4.2	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Dibenzo(a,h)anthracene	210.000	D	8.9	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Fluoranthene	300.000	D	6.8	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Fluorene	270.000	D	6.8	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Indeno(1,2,3-cd)pyrene	160.000	D	8.6	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Naphthalene	280.000	D	3.7	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Phenanthrene	520.000	D	5.1	33	ug/Kg
P2982-04DL	A4DP5DL	Solid	Pyrene	130.000	D	5.2	33	ug/Kg
Total Svoc :				3,987.00				
Total Concentration:				3,987.00				

Client ID : A4DP5DL2

P2982-04DL2	A4DP5DL2	Solid	Total Alkanes	*	0.000	D 22	130	ug/Kg
Total Tics :				0.00				
P2982-04DL2	A4DP5DL2	Solid	Acenaphthene	600.000	D	7.8	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Acenaphthylene	340.000	D	9.4	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Anthracene	510.000	D	10	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Benzo(a)anthracene	54.000	JD	8.4	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Benzo(a)pyrene	210.000	D	7.2	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Benzo(b)fluoranthene	120.000	D	4.2	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Benzo(g,h,i)perylene	160.000	D	20	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Benzo(k)fluoranthene	99.000	D	7.8	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Chrysene	140.000	D	8.4	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Dibenzo(a,h)anthracene	220.000	D	18	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Fluoranthene	310.000	D	14	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Fluorene	270.000	D	14	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Indeno(1,2,3-cd)pyrene	180.000	D	17	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Naphthalene	300.000	D	7.4	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Phenanthrene	540.000	D	10	66	ug/Kg
P2982-04DL2	A4DP5DL2	Solid	Pyrene	140.000	D	10	66	ug/Kg
Total Svoc :				4,193.00				

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				4,193.00				
Client ID : A4CF5								
P2982-09	A4CF5	Solid	Total Alkanes	*	0.000	1.3	8	ug/Kg
Total Tics :				0.00				
P2982-09	A4CF5	Solid	Acenaphthene		1.700	J 0.46	3.9	ug/Kg
P2982-09	A4CF5	Solid	Acenaphthylene		20.000	0.56	3.9	ug/Kg
P2982-09	A4CF5	Solid	Anthracene		31.000	0.62	3.9	ug/Kg
P2982-09	A4CF5	Solid	Benzo(a)anthracene		68.000	E 0.5	3.9	ug/Kg
P2982-09	A4CF5	Solid	Benzo(a)pyrene		70.000	E 0.43	3.9	ug/Kg
P2982-09	A4CF5	Solid	Benzo(b)fluoranthene		61.000	0.25	3.9	ug/Kg
P2982-09	A4CF5	Solid	Benzo(g,h,i)perylene		34.000	1.2	3.9	ug/Kg
P2982-09	A4CF5	Solid	Benzo(k)fluoranthene		21.000	0.46	3.9	ug/Kg
P2982-09	A4CF5	Solid	Chrysene		56.000	0.5	3.9	ug/Kg
P2982-09	A4CF5	Solid	Dibenzo(a,h)anthracene		9.300	1.1	3.9	ug/Kg
P2982-09	A4CF5	Solid	Fluoranthene		100.000	E 0.81	3.9	ug/Kg
P2982-09	A4CF5	Solid	Fluorene		2.700	J 0.81	3.9	ug/Kg
P2982-09	A4CF5	Solid	Indeno(1,2,3-cd)pyrene		29.000	1	3.9	ug/Kg
P2982-09	A4CF5	Solid	Naphthalene		1.200	J 0.44	3.9	ug/Kg
P2982-09	A4CF5	Solid	Phenanthrene		40.000	0.61	3.9	ug/Kg
P2982-09	A4CF5	Solid	Pyrene		120.000	E 0.62	3.9	ug/Kg
Total Svoc :				664.90				
Total Concentration:				664.90				
Client ID : A4CF9								
P2982-12	A4CF9	Solid	Total Alkanes	*	0.000	1.2	7.1	ug/Kg
Total Tics :				0.00				
P2982-12	A4CF9	Solid	Acenaphthylene		1.700	J 0.5	3.5	ug/Kg
P2982-12	A4CF9	Solid	Anthracene		1.500	J 0.55	3.5	ug/Kg
P2982-12	A4CF9	Solid	Benzo(a)anthracene		4.600	0.45	3.5	ug/Kg
P2982-12	A4CF9	Solid	Benzo(a)pyrene		5.400	0.38	3.5	ug/Kg
P2982-12	A4CF9	Solid	Benzo(b)fluoranthene		5.500	0.22	3.5	ug/Kg
P2982-12	A4CF9	Solid	Benzo(g,h,i)perylene		3.400	J 1	3.5	ug/Kg
P2982-12	A4CF9	Solid	Benzo(k)fluoranthene		2.000	J 0.41	3.5	ug/Kg
P2982-12	A4CF9	Solid	Chrysene		4.000	0.45	3.5	ug/Kg
P2982-12	A4CF9	Solid	Fluoranthene		8.100	0.72	3.5	ug/Kg
P2982-12	A4CF9	Solid	Indeno(1,2,3-cd)pyrene		2.700	J 0.91	3.5	ug/Kg
P2982-12	A4CF9	Solid	Phenanthrene		4.600	0.54	3.5	ug/Kg
P2982-12	A4CF9	Solid	Pyrene		7.900	0.55	3.5	ug/Kg
Total Svoc :				51.40				
Total Concentration:				51.40				

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BB9								
P2982-18	A4BB9	Solid	Total Alkanes	*	0.000	1.4	8.4	ug/Kg
			Total Tics :			0.00		
P2982-18	A4BB9	Solid	Acenaphthylene		1.200 J	0.59	4.1	ug/Kg
P2982-18	A4BB9	Solid	Benzo(a)anthracene		2.000 J	0.53	4.1	ug/Kg
P2982-18	A4BB9	Solid	Benzo(a)pyrene		2.100 J	0.45	4.1	ug/Kg
P2982-18	A4BB9	Solid	Benzo(b)fluoranthene		2.400 J	0.26	4.1	ug/Kg
P2982-18	A4BB9	Solid	Benzo(g,h,i)perylene		1.500 J	1.2	4.1	ug/Kg
P2982-18	A4BB9	Solid	Benzo(k)fluoranthene		0.840 J	0.49	4.1	ug/Kg
P2982-18	A4BB9	Solid	Chrysene		1.700 J	0.53	4.1	ug/Kg
P2982-18	A4BB9	Solid	Fluoranthene		2.900 J	0.85	4.1	ug/Kg
P2982-18	A4BB9	Solid	Indeno(1,2,3-cd)pyrene		1.100 J	1.1	4.1	ug/Kg
P2982-18	A4BB9	Solid	Phenanthrene		1.500 J	0.64	4.1	ug/Kg
P2982-18	A4BB9	Solid	Pyrene		2.600 J	0.65	4.1	ug/Kg
			Total Svoc :			19.84		
			Total Concentration:			19.84		
Client ID : A4BC2								
P2982-20	A4BC2	Solid	Total Alkanes	*	0.000	1.3	7.7	ug/Kg
			Total Tics :			0.00		
P2982-20	A4BC2	Solid	Acenaphthylene		1.200 J	0.54	3.8	ug/Kg
P2982-20	A4BC2	Solid	Benzo(a)anthracene		4.200	0.48	3.8	ug/Kg
P2982-20	A4BC2	Solid	Benzo(a)pyrene		5.100	0.41	3.8	ug/Kg
P2982-20	A4BC2	Solid	Benzo(b)fluoranthene		4.800	0.24	3.8	ug/Kg
P2982-20	A4BC2	Solid	Benzo(g,h,i)perylene		2.800 J	1.1	3.8	ug/Kg
P2982-20	A4BC2	Solid	Benzo(k)fluoranthene		1.700 J	0.45	3.8	ug/Kg
P2982-20	A4BC2	Solid	Chrysene		3.200 J	0.48	3.8	ug/Kg
P2982-20	A4BC2	Solid	Fluoranthene		4.700	0.78	3.8	ug/Kg
P2982-20	A4BC2	Solid	Indeno(1,2,3-cd)pyrene		2.300 J	0.99	3.8	ug/Kg
P2982-20	A4BC2	Solid	Phenanthrene		2.000 J	0.59	3.8	ug/Kg
P2982-20	A4BC2	Solid	Pyrene		4.500	0.6	3.8	ug/Kg
			Total Svoc :			36.50		
			Total Concentration:			36.50		
Client ID : A4DP7								
P3010-04	A4DP7	Solid	Total Alkanes	*	0.000	1.1	6.6	ug/Kg
			Total Tics :			0.00		
P3010-04	A4DP7	Solid	Acenaphthene		440.000 E	0.39	3.3	ug/Kg
P3010-04	A4DP7	Solid	Acenaphthylene		440.000 E	0.47	3.3	ug/Kg
P3010-04	A4DP7	Solid	Anthracene		270.000 E	0.51	3.3	ug/Kg
P3010-04	A4DP7	Solid	Benzo(a)anthracene		190.000 E	0.42	3.3	ug/Kg
P3010-04	A4DP7	Solid	Benzo(a)pyrene		110.000 E	0.36	3.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3010-04	A4DP7	Solid	Benzo(b)fluoranthene	160.000	E	0.21	3.3	ug/Kg
P3010-04	A4DP7	Solid	Benzo(g,h,i)perylene	190.000	E	0.97	3.3	ug/Kg
P3010-04	A4DP7	Solid	Benzo(k)fluoranthene	150.000	E	0.39	3.3	ug/Kg
P3010-04	A4DP7	Solid	Chrysene	65.000	E	0.42	3.3	ug/Kg
P3010-04	A4DP7	Solid	Dibenzo(a,h)anthracene	31.000		0.88	3.3	ug/Kg
P3010-04	A4DP7	Solid	Fluoranthene	290.000	E	0.67	3.3	ug/Kg
P3010-04	A4DP7	Solid	Fluorene	110.000	E	0.67	3.3	ug/Kg
P3010-04	A4DP7	Solid	Indeno(1,2,3-cd)pyrene	84.000	E	0.85	3.3	ug/Kg
P3010-04	A4DP7	Solid	Naphthalene	450.000	E	0.37	3.3	ug/Kg
P3010-04	A4DP7	Solid	Phenanthrene	190.000	E	0.5	3.3	ug/Kg
P3010-04	A4DP7	Solid	Pyrene	90.000	E	0.51	3.3	ug/Kg
Total Svoc :				3,260.00				
Total Concentration:				3,260.00				
Client ID :	A4DP7DL							
P3010-04DL	A4DP7DL	Solid	Total Alkanes	*	0.000	D 11	66	ug/Kg
Total Tics :				0.00				
P3010-04DL	A4DP7DL	Solid	Acenaphthene	470.000	D	3.9	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Acenaphthylene	440.000	D	4.7	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Anthracene	260.000	D	5.1	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Benzo(a)anthracene	200.000	D	4.2	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Benzo(a)pyrene	120.000	D	3.6	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Benzo(b)fluoranthene	170.000	D	2.1	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Benzo(g,h,i)perylene	200.000	D	9.7	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Benzo(k)fluoranthene	160.000	D	3.9	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Chrysene	81.000	D	4.2	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Dibenzo(a,h)anthracene	33.000	D	8.8	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Fluoranthene	300.000	D	6.7	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Fluorene	110.000	D	6.7	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Indeno(1,2,3-cd)pyrene	90.000	D	8.5	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Naphthalene	480.000	D	3.7	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Phenanthrene	180.000	D	5	33	ug/Kg
P3010-04DL	A4DP7DL	Solid	Pyrene	94.000	D	5.1	33	ug/Kg
Total Svoc :				3,388.00				
Total Concentration:				3,388.00				
Client ID :	A4CX6DL							
P3065-01DL	A4CX6DL	Solid	Total Alkanes	*	0.000	D 9.7	59	ug/Kg
Total Tics :				0.00				
P3065-01DL	A4CX6DL	Solid	1-Methylnaphthalene	21.000	JD	7.5	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	2-Methylnaphthalene	28.000	JD	3	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Acenaphthene	86.000	D	3.4	29	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3065-01DL	A4CX6DL	Solid	Acenaphthylene	170.000	D	4.1	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Anthracene	310.000	D	4.6	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Benzo(a)anthracene	1,300.000	ED	3.7	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Benzo(a)pyrene	750.000	ED	3.2	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Benzo(b)fluoranthene	1,500.000	ED	1.9	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Benzo(g,h,i)perylene	88.000	D	8.6	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Benzo(k)fluoranthene	560.000	ED	3.4	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Chrysene	1,400.000	ED	3.7	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Dibenzo(a,h)anthracene	230.000	D	7.8	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Fluoranthene	2,600.000	ED	6	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Fluorene	85.000	D	6	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Indeno(1,2,3-cd)pyrene	480.000	ED	7.6	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Naphthalene	56.000	D	3.3	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Phenanthrene	1,400.000	ED	4.5	29	ug/Kg
P3065-01DL	A4CX6DL	Solid	Pyrene	1,800.000	ED	4.6	29	ug/Kg

Total Svoc :

12,864.00

Total Concentration:

12,864.00

Client ID : A4CD3DL

P3065-07DL	A4CD3DL	Solid	Total Alkanes	*	0.000	D	5.8	36	ug/Kg
Total Tics :					0.00				
P3065-07DL	A4CD3DL	Solid	1-Methylnaphthalene		5.700	JD	4.5	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	2-Methylnaphthalene		7.300	JD	1.8	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Acenaphthene		18.000	D	2.1	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Acenaphthylene		35.000	D	2.5	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Anthracene		69.000	D	2.8	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Benzo(a)anthracene		190.000	D	2.2	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Benzo(a)pyrene		110.000	D	1.9	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Benzo(b)fluoranthene		220.000	D	1.1	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Benzo(g,h,i)perylene		14.000	JD	5.2	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Benzo(k)fluoranthene		81.000	D	2.1	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Chrysene		200.000	D	2.2	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Dibenzo(a,h)anthracene		33.000	D	4.7	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Fluoranthene		400.000	ED	3.6	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Fluorene		18.000	D	3.6	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Indeno(1,2,3-cd)pyrene		72.000	D	4.6	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Naphthalene		12.000	JD	2	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Phenanthrene		270.000	D	2.7	18	ug/Kg
P3065-07DL	A4CD3DL	Solid	Pyrene		280.000	D	2.8	18	ug/Kg

Total Svoc :

2,035.00

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	2,035.00				
Client ID :	A4CD4DL							
P3065-08DL	A4CD4DL	Solid	Total Alkanes	*	0.000	D 5.8	35	ug/Kg
			Total Tics :	0.00				
P3065-08DL	A4CD4DL	Solid	Acenaphthene		5.800	JD 2.1	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Acenaphthylene		14.000	JD 2.5	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Anthracene		24.000	D 2.7	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Benzo(a)anthracene		83.000	D 2.2	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Benzo(a)pyrene		40.000	D 1.9	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Benzo(b)fluoranthene		84.000	D 1.1	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Benzo(g,h,i)perylene		5.300	JD 5.2	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Benzo(k)fluoranthene		35.000	D 2.1	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Chrysene		73.000	D 2.2	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Dibenzo(a,h)anthracene		12.000	JD 4.7	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Fluoranthene		150.000	D 3.6	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Fluorene		6.500	JD 3.6	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Indeno(1,2,3-cd)pyrene		28.000	D 4.5	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Naphthalene		3.700	JD 2	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Phenanthrene		85.000	D 2.7	17	ug/Kg
P3065-08DL	A4CD4DL	Solid	Pyrene		100.000	D 2.7	17	ug/Kg
			Total Svoc :	749.30				
			Total Concentration:	749.30				
Client ID :	A4CD7DL							
P3065-09DL	A4CD7DL	Solid	Total Alkanes	*	0.000	D 5.8	35	ug/Kg
			Total Tics :	0.00				
P3065-09DL	A4CD7DL	Solid	Acenaphthene		5.400	JD 2	17	ug/Kg
P3065-09DL	A4CD7DL	Solid	Acenaphthylene		15.000	JD 2.5	17	ug/Kg
P3065-09DL	A4CD7DL	Solid	Anthracene		27.000	D 2.7	17	ug/Kg
P3065-09DL	A4CD7DL	Solid	Benzo(a)anthracene		89.000	D 2.2	17	ug/Kg
P3065-09DL	A4CD7DL	Solid	Benzo(a)pyrene		46.000	D 1.9	17	ug/Kg
P3065-09DL	A4CD7DL	Solid	Benzo(b)fluoranthene		92.000	D 1.1	17	ug/Kg
P3065-09DL	A4CD7DL	Solid	Benzo(g,h,i)perylene		5.900	JD 5.1	17	ug/Kg
P3065-09DL	A4CD7DL	Solid	Benzo(k)fluoranthene		39.000	D 2	17	ug/Kg
P3065-09DL	A4CD7DL	Solid	Chrysene		80.000	D 2.2	17	ug/Kg
P3065-09DL	A4CD7DL	Solid	Dibenzo(a,h)anthracene		14.000	JD 4.7	17	ug/Kg
P3065-09DL	A4CD7DL	Solid	Fluoranthene		160.000	D 3.6	17	ug/Kg
P3065-09DL	A4CD7DL	Solid	Fluorene		6.500	JD 3.6	17	ug/Kg
P3065-09DL	A4CD7DL	Solid	Indeno(1,2,3-cd)pyrene		31.000	D 4.5	17	ug/Kg
P3065-09DL	A4CD7DL	Solid	Naphthalene		4.900	JD 1.9	17	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3065-09DL	A4CD7DL	Solid	Phenanthrene	98.000	D	2.7	17	ug/Kg
P3065-09DL	A4CD7DL	Solid	Pyrene	110.000	D	2.7	17	ug/Kg
Total Svoc :				823.70				
Total Concentration:				823.70				
Client ID :	A4CE4DL							
P3065-10DL	A4CE4DL	Solid	Total Alkanes	*	0.000	D 6.2	38	ug/Kg
Total Tics :				0.00				
P3065-10DL	A4CE4DL	Solid	Acenaphthylene	4.500	JD	2.6	18	ug/Kg
P3065-10DL	A4CE4DL	Solid	Anthracene	7.700	JD	2.9	18	ug/Kg
P3065-10DL	A4CE4DL	Solid	Benzo(a)anthracene	24.000	D	2.4	18	ug/Kg
P3065-10DL	A4CE4DL	Solid	Benzo(a)pyrene	30.000	D	2	18	ug/Kg
P3065-10DL	A4CE4DL	Solid	Benzo(b)fluoranthene	33.000	D	1.2	18	ug/Kg
P3065-10DL	A4CE4DL	Solid	Benzo(g,h,i)perylene	19.000	D	5.5	18	ug/Kg
P3065-10DL	A4CE4DL	Solid	Benzo(k)fluoranthene	13.000	JD	2.2	18	ug/Kg
P3065-10DL	A4CE4DL	Solid	Chrysene	28.000	D	2.4	18	ug/Kg
P3065-10DL	A4CE4DL	Solid	Fluoranthene	54.000	D	3.8	18	ug/Kg
P3065-10DL	A4CE4DL	Solid	Indeno(1,2,3-cd)pyrene	16.000	JD	4.8	18	ug/Kg
P3065-10DL	A4CE4DL	Solid	Phenanthrene	30.000	D	2.9	18	ug/Kg
P3065-10DL	A4CE4DL	Solid	Pyrene	48.000	D	2.9	18	ug/Kg
Total Svoc :				307.20				
Total Concentration:				307.20				
Client ID :	A4CE8DL							
P3065-11DL	A4CE8DL	Solid	Total Alkanes	*	0.000	D 7.2	44	ug/Kg
Total Tics :				0.00				
P3065-11DL	A4CE8DL	Solid	Acenaphthene	12.000	JD	2.6	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Acenaphthylene	18.000	JD	3.1	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Anthracene	45.000	D	3.4	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Benzo(a)anthracene	170.000	D	2.8	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Benzo(a)pyrene	94.000	D	2.4	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Benzo(b)fluoranthene	210.000	D	1.4	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Benzo(g,h,i)perylene	11.000	JD	6.4	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Benzo(k)fluoranthene	75.000	D	2.6	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Chrysene	180.000	D	2.8	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Dibenzo(a,h)anthracene	29.000	D	5.8	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Fluoranthene	340.000	D	4.5	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Fluorene	11.000	JD	4.5	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Indeno(1,2,3-cd)pyrene	66.000	D	5.6	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Naphthalene	7.200	JD	2.4	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Phenanthrene	180.000	D	3.3	22	ug/Kg
P3065-11DL	A4CE8DL	Solid	Pyrene	230.000	D	3.4	22	ug/Kg



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Hit Summary Sheet
SW-846

SDG No.: BN070524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :		1,678.20			
			Total Concentration:		1,678.20			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN062724 SAS No.: BN062724 SDG No.: BN062724
Instrument ID: _____ Calibration Date(s): 6/27/2024 : _____
Calibration Time(s): 09:53 _____

LAB FILE ID:		RRFAL1 = BN032273.D			RRFAL2 = BN032274.D		RRFAL3 = BN032275.D	
		RRFAL4 = BN032276.D			RRFAL5 = BN032277.D		RRFAL6 = BN032278.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.567	0.488	0.513	0.482	0.480	0.506	7.3
1,4-Dioxane-d8		0.460	0.430	0.461	0.437	0.434	0.445	3.4
Naphthalene	1.110	1.057	0.980	1.098	1.048		1.059	4.8
1-Methylnaphthalene	0.740	0.709	0.673	0.766	0.750		0.728	5.1
2-Methylnaphthalene	0.704	0.690	0.647	0.743	0.723		0.702	5.2
Acenaphthylene	1.686	1.655	1.502	1.755	1.721		1.664	5.9
Acenaphthene	1.354	1.301	1.172	1.348	1.280		1.291	5.7
Fluorene	1.568	1.543	1.397	1.625	1.559		1.539	5.5
Pentachlorophenol		0.081	0.075	0.091	0.094	0.111	0.091	15.1
Phenanthrene	1.106	1.089	0.989	1.165	1.134		1.097	6.1
Anthracene	0.974	0.963	0.869	1.044	1.041		0.978	7.3
Fluoranthene	1.548	1.540	1.407	1.580	1.541		1.523	4.4
Pyrene	1.650	1.625	1.466	1.637	1.581		1.592	4.7
Benzo(a)anthracene	1.541	1.440	1.270	1.502	1.467		1.444	7.2
Chrysene	1.813	1.622	1.403	1.595	1.491		1.585	9.7
Benzo(b)fluoranthene	2.344	1.791	1.436	1.621	1.497		1.738	21.0
Benzo(k)fluoranthene	2.172	1.781	1.423	1.559	1.507		1.689	17.8
Benzo(a)pyrene	1.336	1.217	1.065	1.240	1.188		1.209	8.1
Indeno(1,2,3-cd)pyrene	2.589	2.035	1.589	1.699	1.554		1.893	22.9
Dibenzo(a,h)anthracene	1.871	1.506	1.195	1.278	1.183		1.407	20.6
Benzo(g,h,i)perylene	2.074	1.625	1.263	1.356	1.222		1.508	23.4
Fluoranthene-d10	1.229	1.231	1.109	1.245	1.204		1.204	4.6
2-Methylnaphthalene-d10	0.607	0.594	0.552	0.633	0.613		0.600	5.0

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.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4232

Date Analyzed: Jul 5 2024 12:00AM

Lab File ID: BN032275.D

Time Analyzed: 10:10

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	7662	7.62	23860	10.40	15976	14.27
	UPPER LIMIT	15324	8.12	47720	10.898	31952	14.767
	LOWER LIMIT	3831	7.12	11930	9.898	7988	13.767
	EPA SAMPLE NO.						
01	SBLK671	5299	7.60	15615	10.37	8221	14.24
02	E1GE0	4429	7.60	12531	10.37	7107 *	14.24
03	A4DP7	4954	7.60	15089	10.37	7909 *	14.24
04	E1GC5	4387	7.60	12340	10.37	6978 *	14.24
05	A4DP7DL	4529	7.60	13495	10.37	7393 *	14.24
06	E1GC6	4239	7.59	11959	10.37	7145 *	14.24
07	E1G71	4548	7.59	12940	10.37	7068 *	14.24
08	A4DP5	4677	7.60	13838	10.37	7337 *	14.24
09	SLCS671	4241	7.60	12218	10.37	6566 *	14.24
10	A4DP5DL	4183	7.60	12148	10.38	7157 *	14.24
11	A4DP5DL2	4097	7.60	11689 *	10.38	6758 *	14.25
12	SBLK679	6214	7.60	17852	10.37	9303	14.24
13	A4CS3DL	5448	7.60	15341	10.37	8307	14.24
14	A4CR0DL	5638	7.60	15441	10.37	8250	14.24
15	A4CQ9DL	5386	7.60	15131	10.37	8266	14.24
16	A4B47DL	5851	7.60	16447	10.37	8667	14.24
17	A4B51DL	5853	7.60	16374	10.37	8616	14.24
18	A4CT3DL	6092	7.60	17171	10.37	8885	14.24
19	A4B52DL	5349	7.60	15652	10.37	9033	14.24
20	A4CT6DL	5836	7.60	16142	10.37	8477	14.24
21	A4CT0DL	5670	7.60	15794	10.37	8195	14.24
22	A4CT5DL	5775	7.60	16151	10.37	8589	14.24
23	A4CS9DL	6012	7.60	16640	10.37	8785	14.24

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4232

Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BN032275.D

Time Analyzed: 02:09

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	7662	7.62	23860	10.40	15976	14.27
	UPPER LIMIT	15324	8.12	47720	10.898	31952	14.767
	LOWER LIMIT	3831	7.12	11930	9.898	7988	13.767
	EPA SAMPLE NO.						
24	A4CE8DL	6451	7.60	18131	10.37	9377	14.24
25	A4B49DL	5652	7.60	16053	10.37	8974	14.24
26	A4CR6DL	5479	7.60	15527	10.37	8675	14.24
27	A4CD3DL	5805	7.59	16501	10.37	9228	14.24
28	SBLK718	6257	7.59	18373	10.37	10305	14.24
29	A4CR8DL	5489	7.59	15504	10.37	8683	14.24
30	A4CD4DL	6063	7.59	17143	10.37	9405	14.24
31	A4CD7DL	5973	7.59	16970	10.37	9435	14.24
32	A4CE4DL	6308	7.59	18205	10.37	9980	14.24
33	A4CS5DL	5971	7.59	17145	10.37	9717	14.24
34	A4CS6DL	5975	7.59	16937	10.37	9448	14.24
35	A4CS4DL	6106	7.59	17345	10.36	9706	14.24
36	A4CX6DL	6516	7.59	18681	10.37	10325	14.23
37	A4CR7DL	7089	7.59	20294	10.37	11232	14.24
38	A4CT2	7365	7.59	21191	10.36	11917	14.23
39	A4CT2MS	6099	7.59	18203	10.37	10463	14.24
40	A4CT2MSD	6134	7.60	18398	10.37	10711	14.24
41	A4CF5	6184	7.59	17957	10.36	10125	14.23
42	A4BB9	8798	7.59	25735	10.36	14372	14.24
43	A4BC2	6415	7.59	18890	10.36	10512	14.24
44	A4CF9	6488	7.59	18938	10.36	10711	14.24



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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4232 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BN032275.D Time Analyzed: 15:26

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	7662	7.62	23860	10.40	15976	14.27
UPPER LIMIT	15324	8.12	47720	10.898	31952	14.767
LOWER LIMIT	3831	7.12	11930	9.898	7988	13.767
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.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4399 Date Analyzed: Jul 5 2024 12:00AM

Lab File ID: BN032501.D Time Analyzed: 10:10

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	4704	7.595	13738	10.37	7448	14.25
UPPER LIMIT	9408	8.095	27476	10.871	14896	14.748
LOWER LIMIT	2352	7.095	6869	9.871	3724	13.748
EPA SAMPLE NO.						
01 SBLK671	5299	7.60	15615	10.37	8221	14.24
02 E1GE0	4429	7.60	12531	10.37	7107	14.24
03 A4DP7	4954	7.60	15089	10.37	7909	14.24
04 E1GC5	4387	7.60	12340	10.37	6978	14.24
05 A4DP7DL	4529	7.60	13495	10.37	7393	14.24
06 E1GC6	4239	7.59	11959	10.37	7145	14.24
07 E1G71	4548	7.59	12940	10.37	7068	14.24
08 A4DP5	4677	7.60	13838	10.37	7337	14.24
09 SLCS671	4241	7.60	12218	10.37	6566	14.24
10 A4DP5DL	4183	7.60	12148	10.38	7157	14.24
11 A4DP5DL2	4097	7.60	11689	10.38	6758	14.25

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.



SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

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

[illegible]



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4251 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BN032513.D Time Analyzed: 03:58

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	4270	7.599	12774	10.38	6690	14.25
UPPER LIMIT	8540	8.099	25548	10.876	13380	14.748
LOWER LIMIT	2135	7.099	6387	9.876	3345	13.748
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.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4252 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BN032530.D Time Analyzed: 05:47

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	4293	7.599	13225	10.38	7608	14.24
	UPPER LIMIT	8586	8.099	26450	10.875	15216	14.743
	LOWER LIMIT	2146.5	7.099	6612.5	9.875	3804	13.743
	EPA SAMPLE NO.						
01	SBLK718	6257	7.59	18373	10.37	10305	14.24
02	A4CR8DL	5489	7.59	15504	10.37	8683	14.24
03	A4CD4DL	6063	7.59	17143	10.37	9405	14.24
04	A4CD7DL	5973	7.59	16970	10.37	9435	14.24
05	A4CE4DL	6308	7.59	18205	10.37	9980	14.24
06	A4CS5DL	5971	7.59	17145	10.37	9717	14.24
07	A4CS6DL	5975	7.59	16937	10.37	9448	14.24
08	A4CS4DL	6106	7.59	17345	10.36	9706	14.24
09	A4CX6DL	6516	7.59	18681	10.37	10325	14.23
10	A4CR7DL	7089	7.59	20294	10.37	11232	14.24
11	A4CT2	7365	7.59	21191	10.36	11917	14.23
12	A4CT2MS	6099	7.59	18203	10.37	10463	14.24
13	A4CT2MSD	6134	7.60	18398	10.37	10711	14.24
14	A4CF5	6184	7.59	17957	10.36	10125	14.23
15	A4BB9	8798 *	7.59	25735	10.36	14372	14.24
16	A4BC2	6415	7.59	18890	10.36	10512	14.24
17	A4CF9	6488	7.59	18938	10.36	10711	14.24



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4252 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BN032530.D Time Analyzed: 15:26

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	4293	7.599	13225	10.38	7608	14.24
UPPER LIMIT	8586	8.099	26450	10.875	15216	14.743
LOWER LIMIT	2146.5	7.099	6612.5	9.875	3804	13.743
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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4232 Date Analyzed: Jul 5 2024 12:00AM

Lab File ID: BN032275.D Time Analyzed: 10:10

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	37608	17.025	31365	21.226	31845	23.453
	UPPER LIMIT	75216	17.525	62730	21.726	63690	23.953
	LOWER LIMIT	18804	16.525	15682.5	20.726	15922.5	22.953
	EPA SAMPLE NO.						
01	SBLK671	15114 *	17.00	13277 *	21.22	14354 *	23.43
02	E1GE0	13088 *	17.00	11835 *	21.21	12514 *	23.43
03	A4DP7	14231 *	17.00	12524 *	21.21	15360 *	23.42
04	E1GC5	12850 *	17.00	11386 *	21.21	12232 *	23.42
05	A4DP7DL	13819 *	17.00	12730 *	21.21	15618 *	23.43
06	E1GC6	14103 *	17.00	12940 *	21.21	13744 *	23.43
07	E1G71	13630 *	17.00	12366 *	21.21	12762 *	23.43
08	A4DP5	14098 *	17.00	13067 *	21.21	15432 *	23.43
09	SLCS671	11921 *	17.01	11650 *	21.22	14293 *	23.44
10	A4DP5DL	14282 *	17.00	13441 *	21.21	16419	23.43
11	A4DP5DL2	12889 *	17.01	11841 *	21.22	14656 *	23.44
12	SBLK679	17072 *	17.00	14850 *	21.21	15900 *	23.42
13	A4CS3DL	15672 *	17.00	14603 *	21.21	17451	23.42
14	A4CR0DL	15329 *	17.00	14759 *	21.21	17607	23.42
15	A4CQ9DL	15894 *	17.00	15482 *	21.20	18554	23.42
16	A4B47DL	16377 *	17.00	15346 *	21.20	18307	23.42
17	A4B51DL	15747 *	17.00	14551 *	21.21	17803	23.42
18	A4CT3DL	16318 *	17.00	15058 *	21.21	18329	23.42
19	A4B52DL	18615 *	17.00	18209	21.20	21317	23.42
20	A4CT6DL	15603 *	17.00	14847 *	21.21	18374	23.42
21	A4CT0DL	14924 *	17.00	14107 *	21.20	17423	23.42

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4232 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BN032275.D Time Analyzed: 00:56

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	37608	17.025	31365	21.226	31845	23.453
	UPPER LIMIT	75216	17.525	62730	21.726	63690	23.953
	LOWER LIMIT	18804	16.525	15682.5	20.726	15922.5	22.953
	EPA SAMPLE NO.						
22	A4CT5DL	16073 *	17.00	15252 *	21.20	18432	23.42
23	A4CS9DL	16393 *	17.00	15675 *	21.21	17529	23.42
24	A4CE8DL	16805 *	17.00	15926	21.21	18968	23.42
25	A4B49DL	17627 *	17.00	17135	21.21	20513	23.42
26	A4CR6DL	16953 *	16.99	16742	21.20	19755	23.41
27	A4CD3DL	18005 *	17.00	17622	21.20	20886	23.42
28	SBLK718	20427	17.00	18266	21.21	19526	23.42
29	A4CR8DL	16885 *	17.00	16524	21.20	19572	23.42
30	A4CD4DL	18338 *	17.00	17654	21.20	21483	23.42
31	A4CD7DL	18899	16.99	17831	21.20	21545	23.42
32	A4CE4DL	19441	17.00	18216	21.21	20428	23.42
33	A4CS5DL	19975	17.00	19224	21.20	23319	23.42
34	A4CS6DL	18819	16.99	18241	21.20	21623	23.41
35	A4CS4DL	19164	16.99	18742	21.20	22296	23.41
36	A4CX6DL	20331	16.99	18181	21.20	22666	23.42
37	A4CR7DL	21814	16.99	19936	21.20	25132	23.41
38	A4CT2	23977	16.99	22214	21.20	26377	23.41
39	A4CT2MS	21580	17.00	20785	21.20	28798	23.41
40	A4CT2MSD	22016	16.99	21336	21.20	28047	23.42
41	A4CF5	20215	16.99	18726	21.20	20826	23.42
42	A4BB9	28112	17.00	25815	21.21	28083	23.42

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4232 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BN032275.D Time Analyzed: 14:49

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	37608	17.025	31365	21.226	31845	23.453
UPPER LIMIT	75216	17.525	62730	21.726	63690	23.953
LOWER LIMIT	18804	16.525	15682.5	20.726	15922.5	22.953
EPA SAMPLE NO.						
43 A4BC2	20741	16.99	18545	21.21	20072	23.42
44 A4CF9	21216	16.99	19150	21.21	20419	23.42

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.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4399 Date Analyzed: Jul 5 2024 12:00AM

Lab File ID: BN032501.D Time Analyzed: 10:10

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	14079	17.008	13798	21.211	16964	23.43
	UPPER LIMIT	28158	17.508	27596	21.711	33928	23.93
	LOWER LIMIT	7039.5	16.508	6899	20.711	8482	22.93
	EPA SAMPLE NO.						
01	SBLK671	15114	17.00	13277	21.22	14354	23.43
02	E1GE0	13088	17.00	11835	21.21	12514	23.43
03	A4DP7	14231	17.00	12524	21.21	15360	23.42
04	E1GC5	12850	17.00	11386	21.21	12232	23.42
05	A4DP7DL	13819	17.00	12730	21.21	15618	23.43
06	E1GC6	14103	17.00	12940	21.21	13744	23.43
07	E1G71	13630	17.00	12366	21.21	12762	23.43
08	A4DP5	14098	17.00	13067	21.21	15432	23.43
09	SLCS671	11921	17.01	11650	21.22	14293	23.44
10	A4DP5DL	14282	17.00	13441	21.21	16419	23.43
11	A4DP5DL2	12889	17.01	11841	21.22	14656	23.44

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.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4251 Date Analyzed: Jul 5 2024 12:00AM

Lab File ID: BN032513.D Time Analyzed: 18:53

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	12128	17.012	11302	21.214	13746	23.433
	UPPER LIMIT	24256	17.512	22604	21.714	27492	23.933
	LOWER LIMIT	6064	16.512	5651	20.714	6873	22.933
	EPA SAMPLE NO.						
01	SBLK679	17072	17.00	14850	21.21	15900	23.42
02	A4CS3DL	15672	17.00	14603	21.21	17451	23.42
03	A4CR0DL	15329	17.00	14759	21.21	17607	23.42
04	A4CQ9DL	15894	17.00	15482	21.20	18554	23.42
05	A4B47DL	16377	17.00	15346	21.20	18307	23.42
06	A4B51DL	15747	17.00	14551	21.21	17803	23.42
07	A4CT3DL	16318	17.00	15058	21.21	18329	23.42
08	A4B52DL	18615	17.00	18209	21.20	21317	23.42
09	A4CT6DL	15603	17.00	14847	21.21	18374	23.42
10	A4CT0DL	14924	17.00	14107	21.20	17423	23.42
11	A4CT5DL	16073	17.00	15252	21.20	18432	23.42
12	A4CS9DL	16393	17.00	15675	21.21	17529	23.42
13	A4CE8DL	16805	17.00	15926	21.21	18968	23.42
14	A4B49DL	17627	17.00	17135	21.21	20513	23.42
15	A4CR6DL	16953	16.99	16742	21.20	19755	23.41
16	A4CD3DL	18005	17.00	17622	21.20	20886	23.42

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4251 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BN032513.D Time Analyzed: 03:58

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	12128	17.012	11302	21.214	13746	23.433
UPPER LIMIT	24256	17.512	22604	21.714	27492	23.933
LOWER LIMIT	6064	16.512	5651	20.714	6873	22.933
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.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4252 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BN032530.D Time Analyzed: 05:47

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	14955	17.01	14013	21.21	16843	23.426
	UPPER LIMIT	29910	17.51	28026	21.71	33686	23.926
	LOWER LIMIT	7477.5	16.51	7006.5	20.71	8421.5	22.926
	EPA SAMPLE NO.						
01	SBLK718	20427	17.00	18266	21.21	19526	23.42
02	A4CR8DL	16885	17.00	16524	21.20	19572	23.42
03	A4CD4DL	18338	17.00	17654	21.20	21483	23.42
04	A4CD7DL	18899	16.99	17831	21.20	21545	23.42
05	A4CE4DL	19441	17.00	18216	21.21	20428	23.42
06	A4CS5DL	19975	17.00	19224	21.20	23319	23.42
07	A4CS6DL	18819	16.99	18241	21.20	21623	23.41
08	A4CS4DL	19164	16.99	18742	21.20	22296	23.41
09	A4CX6DL	20331	16.99	18181	21.20	22666	23.42
10	A4CR7DL	21814	16.99	19936	21.20	25132	23.41
11	A4CT2	23977	16.99	22214	21.20	26377	23.41
12	A4CT2MS	21580	17.00	20785	21.20	28798	23.41
13	A4CT2MSD	22016	16.99	21336	21.20	28047	23.42
14	A4CF5	20215	16.99	18726	21.20	20826	23.42
15	A4BB9	28112	17.00	25815	21.21	28083	23.42
16	A4BC2	20741	16.99	18545	21.21	20072	23.42
17	A4CF9	21216	16.99	19150	21.21	20419	23.42

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN070524 SAS No.: BN070524 SDG NO.: BN070524

EPA Sample No.: SSTD0.4252 Date Analyzed: Jul 6 2024 12:00AM

Lab File ID: BN032530.D Time Analyzed: 15:26

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	14955	17.01	14013	21.21	16843	23.426
UPPER LIMIT	29910	17.51	28026	21.71	33686	23.926
LOWER LIMIT	7477.5	16.51	7006.5	20.71	8421.5	22.926
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.: BN070524

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161671BS	1,4-Dioxane	2	1.7	ug/L	85				0	0	
	Naphthalene	0.4	0.35	ug/L	88				0	0	
	1-Methylnaphthalene	0.4	0.3	ug/L	75				0	0	
	2-Methylnaphthalene	0.4	0.31	ug/L	78				0	0	
	Acenaphthylene	0.4	0.4	ug/L	100				0	0	
	Acenaphthene	0.4	0.35	ug/L	88				0	0	
	Fluorene	0.4	0.31	ug/L	78				0	0	
	Pentachlorophenol	0.8	0.68	ug/L	85				0	0	
	Phenanthrene	0.4	0.36	ug/L	90				0	0	
	Anthracene	0.4	0.38	ug/L	95				0	0	
	Fluoranthene	0.4	0.33	ug/L	83				0	0	
	Pyrene	0.4	0.34	ug/L	85				0	0	
	Benzo(a)anthracene	0.4	0.38	ug/L	95				0	0	
	Chrysene	0.4	0.37	ug/L	93				0	0	
	Benzo(b)fluoranthene	0.4	0.31	ug/L	78				0	0	
	Benzo(k)fluoranthene	0.4	0.31	ug/L	78				0	0	
	Benzo(a)pyrene	0.4	0.4	ug/L	100				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.33	ug/L	83				0	0	
	Dibenzo(a,h)anthracene	0.4	0.35	ug/L	88				0	0	
	Benzo(g,h,i)perylene	0.4	0.33	ug/L	83				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK671

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN070524

SAS No.: BN070524 SDG NO.: BN070524

Lab File ID: BN032502.D

Lab Sample ID: PB161671BL

Instrument ID: BNA_N

Date Extracted: 06/22/2024

Matrix: (soil/water) Water

Date Analyzed: 07/05/2024

Level: (low/med) LOW

Time Analyzed: 10:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1GE0	P2961-05	BN032503.D	07/05/2024
PB161671BS	PB161671BS	BN032510.D	07/05/2024
E1GC5	P2961-06	BN032505.D	07/05/2024
E1GC6	P2961-14	BN032507.D	07/05/2024
E1G71	P2961-08	BN032508.D	07/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK679

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN070524

SAS No.: BN070524 SDG NO.: BN070524

Lab File ID: BN032514.D

Lab Sample ID: PB161679BL

Instrument ID: BNA_N

Date Extracted: 06/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/05/2024

Level: (low/med) LOW

Time Analyzed: 18:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DP5	P2982-04	BN032509.D	07/05/2024
A4CT2	P2982-01	BN032541.D	07/06/2024
A4CT2MS	P2982-02MS	BN032542.D	07/06/2024
A4CT2MSD	P2982-03MSD	BN032543.D	07/06/2024
A4CF5	P2982-09	BN032544.D	07/06/2024
A4BB9	P2982-18	BN032545.D	07/06/2024
A4BC2	P2982-20	BN032546.D	07/06/2024
A4CF9	P2982-12	BN032547.D	07/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK718

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN070524

SAS No.: BN070524 SDG NO.: BN070524

Lab File ID: BN032531.D

Lab Sample ID: PB161718BL

Instrument ID: BNA_N

Date Extracted: 06/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/06/2024

Level: (low/med) LOW

Time Analyzed: 05:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DP7	P3010-04	BN032504.D	07/05/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN070524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2982-02MS	Client Sample ID:	A4CT2MS					DataFile:	BN032542.D		
1,4-Dioxane	110		18	ug/Kg	16				15	120	
Naphthalene	21.7	12	11	ug/Kg	-5				0	0	
1-Methylnaphthalene	21.7	4.5	6.8	ug/Kg	11				0	0	
2-Methylnaphthalene	21.7	5.9	7.6	ug/Kg	8				0	0	
Acenaphthylene	21.7	32	28	ug/Kg	-18				0	0	
Acenaphthene	21.7	17	17	ug/Kg	0	*			31	137	
Fluorene	21.7	18	17	ug/Kg	-5				0	0	
Pentachlorophenol	43.4	0	13	ug/Kg	30				17	109	
Phenanthrene	21.7	310	240	ug/Kg	-323				0	0	
Anthracene	21.7	69	57	ug/Kg	-55				0	0	
Fluoranthene	21.7	630	470	ug/Kg	-737				0	0	
Pyrene	21.7	410	330	ug/Kg	-369	*			35	142	
Benzo(a)anthracene	21.7	300	230	ug/Kg	-323				0	0	
Chrysene	21.7	330	250	ug/Kg	-369				0	0	
Benzo(b)fluoranthene	21.7	370	250	ug/Kg	-553				0	0	
Benzo(k)fluoranthene	21.7	150	91	ug/Kg	-272				0	0	
Benzo(a)pyrene	21.7	170	120	ug/Kg	-230				0	0	
Indeno(1,2,3-cd)pyrene	21.7	120	81	ug/Kg	-180				0	0	
Dibenzo(a,h)anthracene	21.7	57	41	ug/Kg	-74				0	0	
Benzo(g,h,i)perylene	21.7	20	14	ug/Kg	-28				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN070524

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2982-03MSD	Client Sample ID:	A4CT2MSD					DataFile:	BN032543.D		
1,4-Dioxane	110		17	ug/Kg	15		6		15	120	50
Naphthalene	21.7	12	10	ug/Kg	-9		57	*	0	0	0
1-Methylnaphthalene	21.7	4.5	6.3	ug/Kg	8		32	*	0	0	0
2-Methylnaphthalene	21.7	5.9	7	ug/Kg	5		46	*	0	0	0
Acenaphthylene	21.7	32	26	ug/Kg	-28		43	*	0	0	0
Acenaphthene	21.7	17	16	ug/Kg	-5	*	200	*	31	137	19
Fluorene	21.7	18	16	ug/Kg	-9		57	*	0	0	0
Pentachlorophenol	43.4	0	12	ug/Kg	28		7		17	109	47
Phenanthrene	21.7	310	220	ug/Kg	-415		25	*	0	0	0
Anthracene	21.7	69	52	ug/Kg	-78		35	*	0	0	0
Fluoranthene	21.7	630	430	ug/Kg	-922		22	*	0	0	0
Pyrene	21.7	410	300	ug/Kg	-507	*	32		35	142	36
Benzo(a)anthracene	21.7	300	210	ug/Kg	-415		25	*	0	0	0
Chrysene	21.7	330	230	ug/Kg	-461		22	*	0	0	0
Benzo(b)fluoranthene	21.7	370	230	ug/Kg	-645		15	*	0	0	0
Benzo(k)fluoranthene	21.7	150	95	ug/Kg	-253		7	*	0	0	0
Benzo(a)pyrene	21.7	170	120	ug/Kg	-230		0		0	0	0
Indeno(1,2,3-cd)pyrene	21.7	120	78	ug/Kg	-194		7	*	0	0	0
Dibenzo(a,h)anthracene	21.7	57	39	ug/Kg	-83		11	*	0	0	0
Benzo(g,h,i)perylene	21.7	20	13	ug/Kg	-32		13	*	0	0	0

Surrogate Summary

SW-846

SDG No.: **BN070524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2964-02DL	A4B49DL	BN032527.D	1,4-Dioxane-d8	8	3.00	38		15	120
			Fluoranthene-d10	0.4	0.19	46		30	130
			2-Methylnaphthalene-d10	0.4	0.17	41		20	140
P2964-04DL	A4B51DL	BN032519.D	1,4-Dioxane-d8	8	2.67	33		15	120
			Fluoranthene-d10	0.4	0.17	41		30	130
			2-Methylnaphthalene-d10	0.4	0.15	38		20	140
P2964-05DL	A4B52DL	BN032521.D	1,4-Dioxane-d8	8	2.76	34		15	120
			Fluoranthene-d10	0.4	0.18	44		30	130
			2-Methylnaphthalene-d10	0.4	0.17	41		20	140
P2964-08DL	A4CS4DL	BN032538.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P2964-11DL	A4CS5DL	BN032536.D	1,4-Dioxane-d8	8	3.32	41		15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P2964-12DL	A4CS6DL	BN032537.D	1,4-Dioxane-d8	8	3.51	44		15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P2964-13DL	A4CT0DL	BN032523.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.19	46		20	140
P2964-14DL	A4CT3DL	BN032520.D	1,4-Dioxane-d8	8	3.49	44		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.19	46		20	140
P2964-16DL	A4CT5DL	BN032524.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P2964-17DL	A4CT6DL	BN032522.D	1,4-Dioxane-d8	8	2.44	31		15	120
			Fluoranthene-d10	0.4	0.15	36		30	130
			2-Methylnaphthalene-d10	0.4	0.13	32		20	140

Surrogate Summary

SW-846

SDG No.: **BN070524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2963-02DL	A4B47DL	BN032518.D	1,4-Dioxane-d8	8	4.64	58		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.27	68		20	140
P2963-08DL	A4CQ9DL	BN032517.D	1,4-Dioxane-d8	8	4.03	50		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P2963-09DL	A4CR0DL	BN032516.D	1,4-Dioxane-d8	8	3.64	45		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P2963-12DL	A4CR6DL	BN032528.D	1,4-Dioxane-d8	8	4.02	50		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
P2963-13DL	A4CR7DL	BN032540.D	1,4-Dioxane-d8	8	4.21	53		15	120
			Fluoranthene-d10	0.4	0.31	76		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P2963-14DL	A4CR8DL	BN032532.D	1,4-Dioxane-d8	8	3.20	40		15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P2963-18DL	A4CS9DL	BN032525.D	1,4-Dioxane-d8	8	3.74	47		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P2963-22DL	A4CS3DL	BN032515.D	1,4-Dioxane-d8	8	4.87	61		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140

Surrogate Summary

SW-846

SDG No.: **BN070524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2961-05	E1GE0	BN032503.D	1,4-Dioxane-d8	8	5.02	63		15	120
			Fluoranthene-d10	0.4	0.41	101		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P2961-06	E1GC5	BN032505.D	1,4-Dioxane-d8	8	5.27	66		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130
P2961-08	E1G71	BN032508.D	1,4-Dioxane-d8	8	4.66	58		15	120
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		30	130
P2961-14	E1GC6	BN032507.D	1,4-Dioxane-d8	8	5.25	66		15	120
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
PB161671BL	PB161671BL	BN032502.D	1,4-Dioxane-d8	8	5.60	70		15	120
			Fluoranthene-d10	0.4	0.26	66		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		30	130
PB161671BS	PB161671BS	BN032510.D	1,4-Dioxane-d8	0.8	0.92	115		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130

Surrogate Summary

SW-846

SDG No.: **BN070524**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2982-01	A4CT2	BN032541.D	1,4-Dioxane-d8	8	2.33	29		15	120
			Fluoranthene-d10	0.4	0.14	34		30	130
			2-Methylnaphthalene-d10	0.4	0.13	33		20	140
P2982-02MS	A4CT2MS	BN032542.D	1,4-Dioxane-d8	0.8	0.13	17		15	120
			Fluoranthene-d10	0.4	0.10	26	*	30	130
			2-Methylnaphthalene-d10	0.4	0.08	19	*	20	140
P2982-03MSD	A4CT2MSD	BN032543.D	1,4-Dioxane-d8	0.8	0.13	16		15	120
			Fluoranthene-d10	0.4	0.09	23	*	30	130
			2-Methylnaphthalene-d10	0.4	0.07	18	*	20	140
P2982-04	A4DP5	BN032509.D	1,4-Dioxane-d8	0.8	0.44	55		15	120
			Fluoranthene-d10	0.4	0.33	81		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
P2982-04DL	A4DP5DL	BN032511.D	1,4-Dioxane-d8	0.8	0.63	79		15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P2982-04DL2	A4DP5DL2	BN032512.D	1,4-Dioxane-d8	0.8	1.04	130	*	15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		20	140
P2982-09	A4CF5	BN032544.D	1,4-Dioxane-d8	8	3.76	47		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.20	51		20	140
P2982-12	A4CF9	BN032547.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P2982-18	A4BB9	BN032545.D	1,4-Dioxane-d8	8	3.24	40		15	120
			Fluoranthene-d10	0.4	0.18	46		30	130
			2-Methylnaphthalene-d10	0.4	0.18	45		20	140
P2982-20	A4BC2	BN032546.D	1,4-Dioxane-d8	8	3.36	42		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.19	48		20	140
PB161679BL	PB161679BL	BN032514.D	1,4-Dioxane-d8	8	5.53	69		15	120
			Fluoranthene-d10	0.4	0.27	66		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BN070524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3010-04	A4DP7	BN032504.D	1,4-Dioxane-d8	0.8	0.36	45		15	120
			Fluoranthene-d10	0.4	0.28	71		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P3010-04DL	A4DP7DL	BN032506.D	1,4-Dioxane-d8	0.8	0.51	64		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
PB161718BL	PB161718BL	BN032531.D	1,4-Dioxane-d8	8	5.34	67		15	120
			Fluoranthene-d10	0.4	0.26	66		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BN070524

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3065-01DL	A4CX6DL	BN032539.D	1,4-Dioxane-d8	8	4.90	61		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		20	140
P3065-07DL	A4CD3DL	BN032529.D	1,4-Dioxane-d8	8	3.08	38		15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P3065-08DL	A4CD4DL	BN032533.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Fluoranthene-d10	0.4	0.20	49		30	130
			2-Methylnaphthalene-d10	0.4	0.19	46		20	140
P3065-09DL	A4CD7DL	BN032534.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Fluoranthene-d10	0.4	0.19	47		30	130
			2-Methylnaphthalene-d10	0.4	0.18	44		20	140
P3065-10DL	A4CE4DL	BN032535.D	1,4-Dioxane-d8	8	3.54	44		15	120
			Fluoranthene-d10	0.4	0.20	50		30	130
			2-Methylnaphthalene-d10	0.4	0.19	46		20	140
P3065-11DL	A4CE8DL	BN032526.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN070524

Lab Code: CHEM

SAS No.: BN070524 SDG NO.: BN070524

Lab File ID: BN032500.D

DFTPP Injection Date: 07/05/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.9
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.7
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	29.3
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	13.7
442	Greater than 50% of mass 198	87.2
443	15.0 - 24.0% of mass 442	16.1 (18.5) 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
SSTD0.4399	SSTDCCC0.4	BN032501.D	07/05/2024	09:34
SBLK671	PB161671BL	BN032502.D	07/05/2024	10:10
E1GE0	P2961-05	BN032503.D	07/05/2024	10:46
A4DP7	P3010-04	BN032504.D	07/05/2024	11:23
E1GC5	P2961-06	BN032505.D	07/05/2024	11:59
A4DP7DL	P3010-04DL	BN032506.D	07/05/2024	12:35
E1GC6	P2961-14	BN032507.D	07/05/2024	13:18
E1G71	P2961-08	BN032508.D	07/05/2024	14:00
A4DP5	P2982-04	BN032509.D	07/05/2024	14:36
SLCS671	PB161671BS	BN032510.D	07/05/2024	15:15
A4DP5DL	P2982-04DL	BN032511.D	07/05/2024	15:51
A4DP5DL2	P2982-04DL2	BN032512.D	07/05/2024	17:41
SSTD0.4251	SSTDCCC0.4	BN032513.D	07/05/2024	18:17
SBLK679	PB161679BL	BN032514.D	07/05/2024	18:53
A4CS3DL	P2963-22DL	BN032515.D	07/05/2024	19:30
A4CR0DL	P2963-09DL	BN032516.D	07/05/2024	20:06
A4CQ9DL	P2963-08DL	BN032517.D	07/05/2024	20:42
A4B47DL	P2963-02DL	BN032518.D	07/05/2024	21:19

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN070524

Lab Code: CHEM

SAS No.: BN070524

SDG NO.: BN070524

Lab File ID: BN032500.D

DFTPP Injection Date: 07/05/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.9
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.7
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	29.3
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	13.7
442	Greater than 50% of mass 198	87.2
443	15.0 - 24.0% of mass 442	16.1 (18.5) 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
A4B51DL	P2964-04DL	BN032519.D	07/05/2024	21:55
A4CT3DL	P2964-14DL	BN032520.D	07/05/2024	22:31
A4B52DL	P2964-05DL	BN032521.D	07/05/2024	23:08
A4CT6DL	P2964-17DL	BN032522.D	07/05/2024	23:44
A4CT0DL	P2964-13DL	BN032523.D	07/06/2024	00:20
A4CT5DL	P2964-16DL	BN032524.D	07/06/2024	00:56
A4CS9DL	P2963-18DL	BN032525.D	07/06/2024	01:33
A4CE8DL	P3065-11DL	BN032526.D	07/06/2024	02:09
A4B49DL	P2964-02DL	BN032527.D	07/06/2024	02:45
A4CR6DL	P2963-12DL	BN032528.D	07/06/2024	03:22
A4CD3DL	P3065-07DL	BN032529.D	07/06/2024	03:58
SSTD0.4252	SSTDCCC0.4	BN032530.D	07/06/2024	05:10
SBLK718	PB161718BL	BN032531.D	07/06/2024	05:47
A4CR8DL	P2963-14DL	BN032532.D	07/06/2024	06:23
A4CD4DL	P3065-08DL	BN032533.D	07/06/2024	06:59
A4CD7DL	P3065-09DL	BN032534.D	07/06/2024	07:35
A4CE4DL	P3065-10DL	BN032535.D	07/06/2024	08:11
A4CS5DL	P2964-11DL	BN032536.D	07/06/2024	08:47

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN070524

Lab Code: CHEM

SAS No.: BN070524 SDG NO.: BN070524

Lab File ID: BN032500.D

DFTPP Injection Date: 07/05/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.9
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.7
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	29.3
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	13.7
442	Greater than 50% of mass 198	87.2
443	15.0 - 24.0% of mass 442	16.1 (18.5) 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
A4CS6DL	P2964-12DL	BN032537.D	07/06/2024	09:24
A4CS4DL	P2964-08DL	BN032538.D	07/06/2024	10:00
A4CX6DL	P3065-01DL	BN032539.D	07/06/2024	10:36
A4CR7DL	P2963-13DL	BN032540.D	07/06/2024	11:12
A4CT2	P2982-01	BN032541.D	07/06/2024	11:48
A4CT2MS	P2982-02MS	BN032542.D	07/06/2024	12:24
A4CT2MSD	P2982-03MSD	BN032543.D	07/06/2024	13:00
A4CF5	P2982-09	BN032544.D	07/06/2024	13:37
A4BB9	P2982-18	BN032545.D	07/06/2024	14:13
A4BC2	P2982-20	BN032546.D	07/06/2024	14:49
A4CF9	P2982-12	BN032547.D	07/06/2024	15:26
SSTD0.4253	SSTDCCC0.4EC	BN032548.D	07/06/2024	16:38