

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN053024 SAS No.: BN053024 SDG No.: BN053024

Instrument ID: BNA_N Calibration Date/Time: 5/30/2024 1:17:40

Lab File ID: BN031720.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020266 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.535	0.010	3.5207	40.0
Benzaldehyde	0.804	1.044	0.010	29.8112	40.0
Pyridine	1.361	1.476	0.010	8.4987	40.0
Phenol	1.745	1.946	0.080	11.4953	20.0
Bis(2-Chloroethyl) ether	1.443	1.631	0.100	13.0323	20.0
2-Chlorophenol	1.369	1.534	0.200	12.0252	20.0
2-Methylphenol	1.348	1.514	0.010	12.37	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.833	0.010	10.3601	40.0
Acetophenone	2.118	2.510	0.060	18.4937	20.0
4-Methylphenol	1.461	1.673	0.010	14.5304	20.0
N-Nitroso-di-n-propylamine	1.098	1.272	0.050	15.8524	30.0
Hexachloroethane	0.580	0.632	0.100	9.0179	20.0
Nitrobenzene	0.364	0.388	0.050	6.4137	25.0
Isophorone	0.747	0.810	0.050	8.3138	25.0
2-Nitrophenol	0.173	0.188	0.050	8.828	25.0
2,4-Dimethylphenol	0.336	0.364	0.050	8.5663	25.0
Bis(2-Chloroethoxy) methane	0.466	0.494	0.050	6.0225	20.0
2,4-Dichlorophenol	0.291	0.321	0.060	10.0941	20.0
Naphthalene	1.035	1.097	0.200	5.9789	20.0
4-Chloroaniline	0.425	0.471	0.010	10.868	40.0
Hexachlorobutadiene	0.175	0.187	0.040	7.0323	30.0
Caprolactam	0.114	0.128	0.010	12.7943	40.0
4-Chloro-3-methylphenol	0.340	0.377	0.040	10.8245	25.0
1-Methylnaphthalene	0.710	0.777	0.100	9.5022	20.0
2-Methylnaphthalene	0.708	0.766	0.100	8.2965	20.0
Hexachlorocyclopentadiene	0.305	0.303	0.010	-0.4662	40.0
2,4,6-Trichlorophenol	0.359	0.388	0.090	8.0967	25.0
2,4,5-Trichlorophenol	0.390	0.420	0.100	7.6739	25.0
1,1-Biphenyl	1.407	1.473	0.200	4.6769	20.0
2-Chloronaphthalene	1.102	1.145	0.300	3.8753	20.0
2-Nitroaniline	0.319	0.340	0.050	6.5153	40.0
Dimethylphthalate	1.425	1.527	0.300	7.1419	20.0
2,6-Dinitrotoluene	0.283	0.314	0.080	10.9935	30.0
Acenaphthylene	1.811	1.942	0.400	7.2483	20.0
3-Nitroaniline	0.303	0.342	0.010	12.8486	40.0
Acenaphthene	1.198	1.277	0.200	6.5891	20.0
2,4-Dinitrophenol	0.143	0.144	0.010	0.4223	40.0
4-Nitrophenol	0.207	0.223	0.010	7.8785	40.0
Dibenzofuran	1.628	1.752	0.300	7.6531	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN053024 SAS No.: BN053024 SDG No.: BN053024

Instrument ID: BNA_N Calibration Date/Time: 5/30/2024 1:17:40

Lab File ID: BN031720.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020266 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.455	0.070	9.4358	30.0
Diethylphthalate	1.470	1.576	0.300	7.2044	20.0
Fluorene	1.311	1.414	0.200	7.8559	20.0
4-Chlorophenyl-phenylether	0.635	0.685	0.100	7.9631	20.0
4-Nitroaniline	0.288	0.354	0.010	22.7883	40.0
4,6-Dinitro-2-methylphenol	0.107	0.116	0.010	8.7583	40.0
N-Nitrosodiphenylamine	0.551	0.587	0.050	6.5527	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.562	0.100	6.2263	20.0
4-Bromophenyl-phenylether	0.194	0.207	0.070	6.6906	20.0
Hexachlorobenzene	0.220	0.233	0.050	6.2372	25.0
Atrazine	0.174	0.188	0.010	7.9967	25.0
Pentachlorophenol	0.141	0.152	0.010	7.8736	40.0
Phenanthrene	1.019	1.092	0.200	7.1816	20.0
Pentachlorobenzene	0.251	0.259	0.050	3.2292	20.0
Anthracene	1.032	1.098	0.200	6.3195	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.256	0.050	-0.6413	20.0
Carbazole	0.880	1.021	0.050	16.0065	40.0
Di-n-butylphthalate	1.211	1.347	0.500	11.1958	25.0
Fluoranthene	1.279	1.458	0.400	14.0026	25.0
Pyrene	1.312	1.474	0.400	12.3289	25.0
Butylbenzylphthalate	0.620	0.721	0.100	16.3919	40.0
3,3-Dichlorobenzidine	0.384	0.455	0.010	18.5683	40.0
Benzo (a) anthracene	1.339	1.430	0.300	6.8004	30.0
Chrysene	1.250	1.308	0.200	4.6345	30.0
Bis (2-ethylhexyl) phthalate	0.904	1.021	0.200	13.0562	40.0
Di-n-octyl phthalate	1.339	1.817	0.010	35.6844	40.0
Benzo (b) fluoranthene	1.195	1.309	0.200	9.4989	25.0
Benzo (k) fluoranthene	1.173	1.302	0.200	11.0085	25.0
Benzo (a) pyrene	1.120	1.175	0.200	4.9078	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.179	0.200	-8.6209	25.0
Dibenzo (a,h) anthracene	1.053	0.994	0.200	-5.6388	30.0
Benzo (g,h,i) perylene	1.026	0.905	0.200	-11.7554	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.365	0.040	11.7338	20.0
1,4-Dioxane-d8	0.483	0.486	0.010	0.6035	25.0
Pyridine-d5	1.361	1.464	0.010	7.5626	40.0
Phenol-d5	1.715	1.890	0.010	10.2446	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	1.104	0.050	10.103	25.0
2-Chlorophenol-d4	1.308	1.460	0.200	11.5651	20.0
4-Methylphenol-d8	1.398	1.586	0.010	13.4988	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN053024 SAS No.: BN053024 SDG No.: BN053024
 Instrument ID: BNA_N Calibration Date/Time: 5/30/2024 17:40
 Lab File ID: BN031720.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020266 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.167	0.050	9.1563	20.0
2-Nitrophenol-d4	0.158	0.177	0.050	12.2408	30.0
2,4-Dichlorophenol-d3	0.295	0.326	0.060	10.5284	20.0
4-Chloroaniline-d4	0.438	0.478	0.010	9.2704	40.0
Dimethylphthalate-d6	1.393	1.507	0.300	8.1864	20.0
Acenaphthylene-d8	1.602	1.712	0.400	6.8888	20.0
4-Nitrophenol-d4	0.279	0.305	0.010	9.4216	40.0
Fluorene-d10	1.179	1.257	0.100	6.595	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.105	0.010	4.6295	40.0
Anthracene-d10	0.856	0.900	0.300	5.1431	20.0
Pyrene-d10	1.070	1.200	0.300	12.1682	25.0
Benzo(a)pyrene-d12	0.955	1.019	0.010	6.6763	20.0

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.: BN053024 SAS No.: BN053024 SDG No.: BN053024

Instrument ID: BNA_N Calibration Date/Time: 5/31/2024 1:03:29

Lab File ID: BN031733.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020267 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.497	0.010	-4.0	50.0
Benzaldehyde	0.804	0.994	0.010	23.6436	50.0
Pyridine	1.361	1.370	0.010	0.6887	50.0
Phenol	1.745	1.832	0.080	4.9617	50.0
Bis(2-Chloroethyl) ether	1.443	1.519	0.100	5.2873	50.0
2-Chlorophenol	1.369	1.439	0.200	5.0867	50.0
2-Methylphenol	1.348	1.439	0.010	6.7406	50.0
2,2-oxybis(1-Chloropropane)	1.661	1.700	0.010	2.3634	50.0
Acetophenone	2.118	2.310	0.060	9.0374	50.0
4-Methylphenol	1.461	1.555	0.010	6.4649	50.0
N-Nitroso-di-n-propylamine	1.098	1.148	0.050	4.593	50.0
Hexachloroethane	0.580	0.601	0.100	3.5891	50.0
Nitrobenzene	0.364	0.363	0.050	-0.3737	50.0
Isophorone	0.747	0.729	0.050	-2.4229	50.0
2-Nitrophenol	0.173	0.182	0.050	5.7286	50.0
2,4-Dimethylphenol	0.336	0.339	0.050	0.8587	50.0
Bis(2-Chloroethoxy) methane	0.466	0.457	0.050	-1.8042	50.0
2,4-Dichlorophenol	0.291	0.301	0.060	3.5317	50.0
Naphthalene	1.035	1.030	0.200	-0.4833	50.0
4-Chloroaniline	0.425	0.435	0.010	2.4221	50.0
Hexachlorobutadiene	0.175	0.172	0.040	-1.4456	50.0
Caprolactam	0.114	0.112	0.010	-1.2254	50.0
4-Chloro-3-methylphenol	0.340	0.347	0.040	1.8279	50.0
1-Methylnaphthalene	0.710	0.711	0.100	0.1728	50.0
2-Methylnaphthalene	0.708	0.712	0.100	0.5894	50.0
Hexachlorocyclopentadiene	0.305	0.273	0.010	-10.2856	50.0
2,4,6-Trichlorophenol	0.359	0.378	0.090	5.4204	50.0
2,4,5-Trichlorophenol	0.390	0.403	0.100	3.3547	50.0
1,1-Biphenyl	1.407	1.430	0.200	1.6568	50.0
2-Chloronaphthalene	1.102	1.127	0.300	2.3125	50.0
2-Nitroaniline	0.319	0.330	0.050	3.3445	50.0
Dimethylphthalate	1.425	1.430	0.300	0.3547	50.0
2,6-Dinitrotoluene	0.283	0.297	0.080	4.7529	50.0
Acenaphthylene	1.811	1.867	0.400	3.121	50.0
3-Nitroaniline	0.303	0.338	0.010	11.6404	50.0
Acenaphthene	1.198	1.219	0.200	1.7146	50.0
2,4-Dinitrophenol	0.143	0.134	0.010	-6.1041	50.0
4-Nitrophenol	0.207	0.206	0.010	-0.5168	50.0
Dibenzofuran	1.628	1.667	0.300	2.4197	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN053024 SAS No.: BN053024 SDG No.: BN053024

Instrument ID: BNA_N Calibration Date/Time: 5/31/2024 1:03:29

Lab File ID: BN031733.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020267 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.436	0.070	4.9051	50.0
Diethylphthalate	1.470	1.460	0.300	-0.7393	50.0
Fluorene	1.311	1.346	0.200	2.6591	50.0
4-Chlorophenyl-phenylether	0.635	0.658	0.100	3.6675	50.0
4-Nitroaniline	0.288	0.349	0.010	21.2247	50.0
4,6-Dinitro-2-methylphenol	0.107	0.108	0.010	0.7876	50.0
N-Nitrosodiphenylamine	0.551	0.565	0.050	2.5214	50.0
1,2,4,5-Tetrachlorobenzene	0.529	0.551	0.100	4.21	50.0
4-Bromophenyl-phenylether	0.194	0.204	0.070	5.2777	50.0
Hexachlorobenzene	0.220	0.227	0.050	3.2144	50.0
Atrazine	0.174	0.179	0.010	3.0111	50.0
Pentachlorophenol	0.141	0.142	0.010	0.8174	50.0
Phenanthrene	1.019	1.039	0.200	1.9683	50.0
Pentachlorobenzene	0.251	0.263	0.050	4.7524	50.0
Anthracene	1.032	1.065	0.200	3.1691	50.0
1,2,3,4-Tetrachlorobenzene	0.257	0.270	0.050	4.9128	50.0
Carbazole	0.880	0.983	0.050	11.7018	50.0
Di-n-butylphthalate	1.211	1.258	0.500	3.8952	50.0
Fluoranthene	1.279	1.581	0.400	23.6361	50.0
Pyrene	1.312	1.590	0.400	21.1914	50.0
Butylbenzylphthalate	0.620	0.750	0.100	21.0279	50.0
3,3-Dichlorobenzidine	0.384	0.397	0.010	3.5409	50.0
Benzo (a) anthracene	1.339	1.378	0.300	2.8995	50.0
Chrysene	1.250	1.247	0.200	-0.3005	50.0
Bis(2-ethylhexyl)phthalate	0.904	1.072	0.200	18.6917	50.0
Di-n-octyl phthalate	1.339	2.048	0.010	52.9907	50.0
Benzo (b) fluoranthene	1.195	1.252	0.200	4.7574	50.0
Benzo (k) fluoranthene	1.173	1.238	0.200	5.5581	50.0
Benzo (a) pyrene	1.120	1.116	0.200	-0.3468	50.0
Indeno (1,2,3-cd) pyrene	1.290	1.269	0.200	-1.6219	50.0
Dibenzo (a,h) anthracene	1.053	1.059	0.200	0.504	50.0
Benzo (g,h,i) perylene	1.026	1.023	0.200	-0.2844	50.0
2,3,4,6-Tetrachlorophenol	0.326	0.337	0.040	3.3814	50.0
1,4-Dioxane-d8	0.483	0.461	0.010	-4.6578	50.0
Pyridine-d5	1.361	1.397	0.010	2.6859	50.0
Phenol-d5	1.715	1.805	0.010	5.2711	50.0
Bis- (2-Chloroethyl) ether-d8	1.003	1.035	0.050	3.2472	50.0
2-Chlorophenol-d4	1.308	1.384	0.200	5.8181	50.0
4-Methylphenol-d8	1.398	1.483	0.010	6.1279	50.0

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Lab Name: CHEMTECH Contract: _____
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 Instrument ID: BNA_N Calibration Date/Time: 5/31/2024 1:03:29
 Lab File ID: BN031733.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020267 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.158	0.050	3.365	50.0
2-Nitrophenol-d4	0.158	0.171	0.050	8.1949	50.0
2,4-Dichlorophenol-d3	0.295	0.302	0.060	2.2842	50.0
4-Chloroaniline-d4	0.438	0.442	0.010	0.9969	50.0
Dimethylphthalate-d6	1.393	1.393	0.300	-0.0157	50.0
Acenaphthylene-d8	1.602	1.653	0.400	3.1484	50.0
4-Nitrophenol-d4	0.279	0.283	0.010	1.3034	50.0
Fluorene-d10	1.179	1.193	0.100	1.2229	50.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.099	0.010	-1.6068	50.0
Anthracene-d10	0.856	0.881	0.300	2.8803	50.0
Pyrene-d10	1.070	1.281	0.300	19.673	50.0
Benzo(a)pyrene-d12	0.955	0.949	0.010	-0.5957	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK108	SDG No.:	BN053024
Lab Sample ID:	PB161108BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% 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
BN031721.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.5	330	ug/Kg
110-86-1	Pyridine	12	U	12	170	330	ug/Kg
108-95-2	Phenol	45	U	45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	82.5	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	27	U	27	42.5	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	30	U	30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	31	U	31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	42.5	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.5	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK108	SDG No.:	BN053024
Lab Sample ID:	PB161108BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% 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
BN031721.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK108	SDG No.:	BN053024
Lab Sample ID:	PB161108BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% 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
BN031721.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.196		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	26.785		20-120		67	SPK: -40
4165-62-2	Phenol-d5	25.979		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.712		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.76		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	26.719		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	27.604		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.525		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.948		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.927		1-145		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.53		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	27.343		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.837		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	28.02		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK108	SDG No.:	BN053024
Lab Sample ID:	PB161108BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% 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
BN031721.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.304		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	29.102		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	28.838		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.351		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	409452	7.687				
1146-65-2	Naphthalene-d8	1841423	10.469				
15067-26-2	Acenaphthene-d10	1302488	14.328				
1517-22-2	Phenanthrene-d10	2843680	17.075				
1719-03-5	Chrysene-d12	2591661	21.31				
1520-96-3	Perylene-d12	2678450	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH647DL	SDG No.:	BN053024
Lab Sample ID:	P2569-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031722.D	10	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	140	U	140	77.9	790	ug/Kg
100-52-7	Benzaldehyde	570	U	570	970	3900	ug/Kg
110-86-1	Pyridine	140	U	140	1900	3900	ug/Kg
108-95-2	Phenol	530	U	530	970	3900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	410	U	410	970	3900	ug/Kg
95-57-8	2-Chlorophenol	260	U	260	500	2000	ug/Kg
95-48-7	2-Methylphenol	460	U	460	970	3900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	340	U	340	970	3900	ug/Kg
98-86-2	Acetophenone	700	U	700	970	3900	ug/Kg
106-44-5	4-Methylphenol	480	U	480	970	3900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	440	U	440	500	2000	ug/Kg
67-72-1	Hexachloroethane	190	U	190	500	2000	ug/Kg
98-95-3	Nitrobenzene	320	U	320	500	2000	ug/Kg
78-59-1	Isophorone	430	U	430	500	2000	ug/Kg
88-75-5	2-Nitrophenol	350	U	350	500	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	500	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	370	U	370	500	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	400	U	400	500	2000	ug/Kg
91-20-3	Naphthalene	390	U	390	500	2000	ug/Kg
106-47-8	4-Chloroaniline	520	U	520	500	3900	ug/Kg
87-68-3	Hexachlorobutadiene	310	U	310	500	2000	ug/Kg
105-60-2	Caprolactam	470	U	470	970	3900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	430	U	430	500	2000	ug/Kg
90-12-0	1-Methylnaphthalene	220	U	220	500	2000	ug/Kg
91-57-6	2-Methylnaphthalene	440	U	440	500	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	970	3900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	590	U	590	500	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	580	U	580	500	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH647DL	SDG No.:	BN053024
Lab Sample ID:	P2569-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031722.D	10	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	540	U	540	500	2000	ug/Kg
91-58-7	2-Chloronaphthalene	520	U	520	500	2000	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	500	2000	ug/Kg
131-11-3	Dimethylphthalate	450	U	450	500	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	310	U	310	500	2000	ug/Kg
208-96-8	Acenaphthylene	540	U	540	500	2000	ug/Kg
99-09-2	3-Nitroaniline	170	U	170	970	3900	ug/Kg
83-32-9	Acenaphthene	590	U	590	500	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	380	U	380	970	3900	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	970	3900	ug/Kg
132-64-9	Dibenzofuran	470	U	470	500	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	500	2000	ug/Kg
84-66-2	Diethylphthalate	480	U	480	500	2000	ug/Kg
86-73-7	Fluorene	680	U	680	500	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	570	U	570	500	2000	ug/Kg
100-01-6	4-Nitroaniline	190	U	190	970	3900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	460	U	460	970	3900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	530	U	530	500	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	530	U	530	500	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200	U	1200	500	2000	ug/Kg
118-74-1	Hexachlorobenzene	590	U	590	500	2000	ug/Kg
1912-24-9	Atrazine	130	U	130	970	3900	ug/Kg
87-86-5	Pentachlorophenol	450	U	450	970	3900	ug/Kg
85-01-8	Phenanthrene	630	U	630	500	2000	ug/Kg
608-93-5	Pentachlorobenzene	430	U	430	500	2000	ug/Kg
120-12-7	Anthracene	560	U	560	500	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	500	2000	ug/Kg
86-74-8	Carbazole	720	U	720	970	3900	ug/Kg
84-74-2	Di-n-butylphthalate	670	U	670	500	2000	ug/Kg
206-44-0	Fluoranthene	690	JD	530	970	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH647DL	SDG No.:	BN053024
Lab Sample ID:	P2569-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031722.D	10	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	640	JD	540	500	2000	ug/Kg
85-68-7	Butylbenzylphthalate	510	U	510	500	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	970	3900	ug/Kg
56-55-3	Benzo(a)anthracene	460	U	460	500	2000	ug/Kg
218-01-9	Chrysene	540	U	540	500	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	35000	ED	510	500	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	510	U	510	970	3900	ug/Kg
205-99-2	Benzo(b)fluoranthene	570	U	570	500	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	680	U	680	500	2000	ug/Kg
50-32-8	Benzo(a)pyrene	670	U	670	500	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	530	U	530	500	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	610	U	610	500	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	540	U	540	500	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	610	U	610	500	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.09		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	4.19	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	17.95		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.61		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.73		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	13.43		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	19.41		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.7		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.23		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.52		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.06		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	20.34		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.07		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	23.11		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH647DL	SDG No.:	BN053024
Lab Sample ID:	P2569-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031722.D	10	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.27		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	21.66		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	26.96		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.44		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	410159	7.687				
1146-65-2	Naphthalene-d8	1879420	10.469				
15067-26-2	Acenaphthene-d10	1340574	14.328				
1517-22-2	Phenanthrene-d10	2897969	17.075				
1719-03-5	Chrysene-d12	2600245	21.31				
1520-96-3	Perylene-d12	2545003	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	1200	JD			17.98	
000057-11-4	Octadecanoic acid	1100	JD			19.269	
E966796	Total Alkanes	540	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH648DL	SDG No.:	BN053024
Lab Sample ID:	P2569-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031723.D	5	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	69	U	69	37.7	380	ug/Kg
100-52-7	Benzaldehyde	270	U	270	470	1900	ug/Kg
110-86-1	Pyridine	69	U	69	940	1900	ug/Kg
108-95-2	Phenol	260	U	260	470	1900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	200	U	200	470	1900	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	240	970	ug/Kg
95-48-7	2-Methylphenol	220	U	220	470	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	170	470	1900	ug/Kg
98-86-2	Acetophenone	340	U	340	470	1900	ug/Kg
106-44-5	4-Methylphenol	230	U	230	470	1900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	210	U	210	240	970	ug/Kg
67-72-1	Hexachloroethane	91	U	91	240	970	ug/Kg
98-95-3	Nitrobenzene	150	U	150	240	970	ug/Kg
78-59-1	Isophorone	210	U	210	240	970	ug/Kg
88-75-5	2-Nitrophenol	170	U	170	240	970	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	240	970	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	180	U	180	240	970	ug/Kg
120-83-2	2,4-Dichlorophenol	190	U	190	240	970	ug/Kg
91-20-3	Naphthalene	190	U	190	240	970	ug/Kg
106-47-8	4-Chloroaniline	250	U	250	240	1900	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	150	240	970	ug/Kg
105-60-2	Caprolactam	230	U	230	470	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	210	U	210	240	970	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	240	970	ug/Kg
91-57-6	2-Methylnaphthalene	210	U	210	240	970	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	470	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	290	U	290	240	970	ug/Kg
95-95-4	2,4,5-Trichlorophenol	280	U	280	240	970	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH648DL	SDG No.:	BN053024
Lab Sample ID:	P2569-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031723.D	5	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	260	U	260	240	970	ug/Kg
91-58-7	2-Chloronaphthalene	250	U	250	240	970	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	240	970	ug/Kg
131-11-3	Dimethylphthalate	220	U	220	240	970	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	150	240	970	ug/Kg
208-96-8	Acenaphthylene	260	U	260	240	970	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	470	1900	ug/Kg
83-32-9	Acenaphthene	290	U	290	240	970	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	470	1900	ug/Kg
100-02-7	4-Nitrophenol	63	U	63	470	1900	ug/Kg
132-64-9	Dibenzofuran	230	U	230	240	970	ug/Kg
121-14-2	2,4-Dinitrotoluene	74	U	74	240	970	ug/Kg
84-66-2	Diethylphthalate	230	U	230	240	970	ug/Kg
86-73-7	Fluorene	330	U	330	240	970	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	240	970	ug/Kg
100-01-6	4-Nitroaniline	91	U	91	470	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	U	220	470	1900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	260	U	260	240	970	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	260	240	970	ug/Kg
101-55-3	4-Bromophenyl-phenylether	570	U	570	240	970	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	240	970	ug/Kg
1912-24-9	Atrazine	63	U	63	470	1900	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	470	1900	ug/Kg
85-01-8	Phenanthrene	1100	D	300	240	970	ug/Kg
608-93-5	Pentachlorobenzene	210	U	210	240	970	ug/Kg
120-12-7	Anthracene	270	U	270	240	970	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	32	U	32	240	970	ug/Kg
86-74-8	Carbazole	350	U	350	470	1900	ug/Kg
84-74-2	Di-n-butylphthalate	330	U	330	240	970	ug/Kg
206-44-0	Fluoranthene	2200	D	260	470	970	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH648DL	SDG No.:	BN053024
Lab Sample ID:	P2569-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031723.D	5	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1900	D	260	240	970	ug/Kg
85-68-7	Butylbenzylphthalate	250	U	250	240	970	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	470	1900	ug/Kg
56-55-3	Benzo(a)anthracene	1000	D	220	240	970	ug/Kg
218-01-9	Chrysene	1000	D	260	240	970	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5600	D	250	240	970	ug/Kg
117-84-0	Di-n-octyl phthalate	250	U	250	470	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200	D	270	240	970	ug/Kg
207-08-9	Benzo(k)fluoranthene	530	JD	330	240	970	ug/Kg
50-32-8	Benzo(a)pyrene	880	JD	330	240	970	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420	JD	260	240	970	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300	U	300	240	970	ug/Kg
191-24-2	Benzo(g,h,i)perylene	480	JD	260	240	970	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	300	U	300	240	970	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.835		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	16.385		20-120		41	SPK: -40
4165-62-2	Phenol-d5	25.73		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.77		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.845		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	19.585		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	26.345		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.875		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.665		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.665		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.41		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.24		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.19		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	30.26		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH648DL	SDG No.:	BN053024
Lab Sample ID:	P2569-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031723.D	5	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.565		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	29.525		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	35.745		10-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.505		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	449771	7.687				
1146-65-2	Naphthalene-d8	2143270	10.469				
15067-26-2	Acenaphthene-d10	1468989	14.328				
1517-22-2	Phenanthrene-d10	3093632	17.075				
1719-03-5	Chrysene-d12	2625934	21.31				
1520-96-3	Perylene-d12	2316884	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	790	JD			17.986	
000057-11-4	Octadecanoic acid	390	JD			19.269	
E966796	Total Alkanes	260	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A7DL	SDG No.:	BN053024
Lab Sample ID:	P2569-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BN031724.D	2	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	17.6	180	ug/Kg
110-86-1	Pyridine	32	U	32	440	880	ug/Kg
100-52-7	Benzaldehyde	130	U	130	220	880	ug/Kg
108-95-2	Phenol	120	U	120	220	880	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	93	U	93	220	880	ug/Kg
95-57-8	2-Chlorophenol	59	U	59	110	450	ug/Kg
95-48-7	2-Methylphenol	100	U	100	220	880	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	220	880	ug/Kg
98-86-2	Acetophenone	160	U	160	220	880	ug/Kg
106-44-5	4-Methylphenol	110	U	110	220	880	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	98	U	98	110	450	ug/Kg
67-72-1	Hexachloroethane	43	U	43	110	450	ug/Kg
98-95-3	Nitrobenzene	72	U	72	110	450	ug/Kg
78-59-1	Isophorone	96	U	96	110	450	ug/Kg
88-75-5	2-Nitrophenol	80	U	80	110	450	ug/Kg
105-67-9	2,4-Dimethylphenol	23	U	23	110	450	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	82	U	82	110	450	ug/Kg
120-83-2	2,4-Dichlorophenol	90	U	90	110	450	ug/Kg
91-20-3	Naphthalene	88	U	88	110	450	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	110	880	ug/Kg
87-68-3	Hexachlorobutadiene	69	U	69	110	450	ug/Kg
105-60-2	Caprolactam	110	U	110	220	880	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96	U	96	110	450	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	110	450	ug/Kg
91-57-6	2-Methylnaphthalene	98	U	98	110	450	ug/Kg
77-47-4	Hexachlorocyclopentadiene	51	U	51	220	880	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	110	450	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	110	450	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A7DL	SDG No.:	BN053024
Lab Sample ID:	P2569-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BN031724.D	2	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	110	450	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	110	450	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	110	450	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	110	450	ug/Kg
606-20-2	2,6-Dinitrotoluene	69	U	69	110	450	ug/Kg
208-96-8	Acenaphthylene	170	JD	120	110	450	ug/Kg
99-09-2	3-Nitroaniline	37	U	37	220	880	ug/Kg
83-32-9	Acenaphthene	130	U	130	110	450	ug/Kg
51-28-5	2,4-Dinitrophenol	85	U	85	220	880	ug/Kg
100-02-7	4-Nitrophenol	29	U	29	220	880	ug/Kg
132-64-9	Dibenzofuran	150	JD	110	110	450	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	110	450	ug/Kg
84-66-2	Diethylphthalate	110	U	110	110	450	ug/Kg
86-73-7	Fluorene	200	JD	150	110	450	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	110	450	ug/Kg
100-01-6	4-Nitroaniline	43	U	43	220	880	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	220	880	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	U	120	110	450	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	110	450	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	110	450	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	110	450	ug/Kg
1912-24-9	Atrazine	29	U	29	220	880	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	220	880	ug/Kg
85-01-8	Phenanthrene	3200	D	140	110	450	ug/Kg
608-93-5	Pentachlorobenzene	96	U	96	110	450	ug/Kg
120-12-7	Anthracene	620	D	130	110	450	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	15	U	15	110	450	ug/Kg
86-74-8	Carbazole	160	U	160	220	880	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	110	450	ug/Kg
206-44-0	Fluoranthene	4400	D	120	220	450	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A7DL	SDG No.:	BN053024
Lab Sample ID:	P2569-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BN031724.D	2	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3800	D	120	110	450	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	110	450	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	220	880	ug/Kg
56-55-3	Benzo(a)anthracene	1800	D	100	110	450	ug/Kg
218-01-9	Chrysene	1700	D	120	110	450	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230	JD	110	110	450	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	220	880	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900	D	130	110	450	ug/Kg
207-08-9	Benzo(k)fluoranthene	710	D	150	110	450	ug/Kg
50-32-8	Benzo(a)pyrene	1300	D	150	110	450	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	610	D	120	110	450	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	JD	140	110	450	ug/Kg
191-24-2	Benzo(g,h,i)perylene	650	D	120	110	450	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	140	110	450	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.4		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	9.528		20-120		24	SPK: -40
4165-62-2	Phenol-d5	13.474		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.828		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.024		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	13.234		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	13.294		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.018		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.906		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.102		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.99		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	15.158		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.15		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	16.834		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A7DL	SDG No.:	BN053024
Lab Sample ID:	P2569-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BN031724.D	2	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.568		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	17.054		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	21.158		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.672		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	470907	7.687				
1146-65-2	Naphthalene-d8	2241835	10.469				
15067-26-2	Acenaphthene-d10	1527158	14.328				
1517-22-2	Phenanthrene-d10	3170060	17.075				
1719-03-5	Chrysene-d12	2495628	21.31				
1520-96-3	Perylene-d12	2127122	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000486-25-9	9H-Fluoren-9-one	180	JD			16.728	
000132-65-0	Dibenzothiophene	230	JD			16.892	
002531-84-2	Phenanthrene, 2-methyl-	490	JD			17.951	
000613-12-7	Anthracene, 2-methyl-	870	JD			17.992	
000832-69-9	Phenanthrene, 1-methyl-	180	JD			18.075	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	670	JD			18.139	
000832-64-4	Phenanthrene, 4-methyl-	290	JD			18.18	
000612-94-2	Naphthalene, 2-phenyl-	420	JD			18.451	
000084-65-1	9,10-Anthracenedione	230	JD			18.492	
003674-66-6	Phenanthrene, 2,5-dimethyl-	260	JD			18.875	
001576-69-8	Phenanthrene, 2,7-dimethyl-	190	JD			18.933	
005737-13-3	Cyclopenta(def)phenanthrenone	330	JD			19.01	
002381-21-7	Pyrene, 1-methyl-	220	JD			19.833	
033543-31-6	Fluoranthene, 2-methyl-	200	JD			20.157	
000479-79-8	11H-Benzo[a]fluoren-11-one	190	JD			20.745	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	190	JD			20.916	
027208-37-3	Cyclopenta[cd]pyrene	250	JD			20.998	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A7DL	SDG No.:	BN053024
Lab Sample ID:	P2569-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BN031724.D	2	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000082-05-3	7H-Benz[de]anthracen-7-one	200	JD			21.057	
	(DEL) Alkane: Straight-Chain23.433	510	JD			23.433	
000192-97-2	Benzo[e]pyrene	680	JD			23.974	
	(DEL) Alkane: Straight-Chain25.304	360	JD			25.304	
E966796	Total Alkanes	870	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH622	SDG No.:	BN053024
Lab Sample ID:	P2549-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BN031725.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.7	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	96.2	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	96.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	96.2	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.5	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	96.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	96.2	380	ug/Kg
98-86-2	Acetophenone	69	U	69	96.2	380	ug/Kg
106-44-5	4-Methylphenol	48	U	48	96.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.5	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.5	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.5	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.9	U	9.9	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.5	200	ug/Kg
91-20-3	Naphthalene	38	U	38	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.5	200	ug/Kg
105-60-2	Caprolactam	47	U	47	96.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	96.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH622	SDG No.:	BN053024
Lab Sample ID:	P2549-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BN031725.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.5	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	96.2	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	96.2	380	ug/Kg
132-64-9	Dibenzofuran	47	U	47	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.5	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.5	200	ug/Kg
86-73-7	Fluorene	68	U	68	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.5	200	ug/Kg
1912-24-9	Atrazine	13	U	13	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	96.2	380	ug/Kg
85-01-8	Phenanthrene	62	U	62	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.5	200	ug/Kg
120-12-7	Anthracene	55	U	55	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.5	200	ug/Kg
86-74-8	Carbazole	71	U	71	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.5	200	ug/Kg
206-44-0	Fluoranthene	100	J	52	96.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH622	SDG No.:	BN053024
Lab Sample ID:	P2549-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BN031725.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	98	J	54	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	53	J	45	49.5	200	ug/Kg
218-01-9	Chrysene	65	J	54	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	66	J	50	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	83	J	56	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.537		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	33.512		20-120		84	SPK: -40
4165-62-2	Phenol-d5	35.412		10-130		89	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.573		10-150		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.285		15-120		91	SPK: -40
190780-66-6	4-Methylphenol-d8	35.622		10-140		89	SPK: -40
4165-60-0	Nitrobenzene-d5	35.403		10-135		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.613		10-120		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.005		10-140		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.647		1-145		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.079		10-145		93	SPK: -40
93951-97-4	Acenaphthylene-d8	35.44		15-120		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	38.519		10-150		96	SPK: -40
81103-79-9	Fluorene-d10	36.381		20-140		91	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH622	SDG No.:	BN053024
Lab Sample ID:	P2549-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BN031725.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.44		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	35.697		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	40.211		10-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.087		10-140		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	444323	7.687				
1146-65-2	Naphthalene-d8	2046833	10.469				
15067-26-2	Acenaphthene-d10	1368929	14.328				
1517-22-2	Phenanthrene-d10	2895709	17.075				
1719-03-5	Chrysene-d12	2419360	21.31				
1520-96-3	Perylene-d12	2170620	24.257				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	120	J			3.452	
000770-35-4	1-Phenoxypropan-2-ol	88	J			11.21	
000057-10-3	n-Hexadecanoic acid	260	J			17.981	
000057-11-4	Octadecanoic acid	140	J			19.269	
	(DEL) Alkane: Cyclic20.998	180	J			20.998	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH627	SDG No.:	BN053024
Lab Sample ID:	P2549-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031727.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	77	ug/Kg
100-52-7	Benzaldehyde	3700		55	95.3	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	95.3	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	95.3	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	49.1	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.3	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	95.3	380	ug/Kg
98-86-2	Acetophenone	68	U	68	95.3	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	95.3	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.1	200	ug/Kg
67-72-1	Hexachloroethane	18	U	18	49.1	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.1	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	49.1	200	ug/Kg
91-20-3	Naphthalene	38	U	38	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.1	200	ug/Kg
105-60-2	Caprolactam	46	U	46	95.3	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	95.3	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH627	SDG No.:	BN053024
Lab Sample ID:	P2549-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031727.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	49.1	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.1	200	ug/Kg
208-96-8	Acenaphthylene	53	U	53	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	95.3	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	95.3	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	95.3	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.1	200	ug/Kg
84-66-2	Diethylphthalate	47	U	47	49.1	200	ug/Kg
86-73-7	Fluorene	67	U	67	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	95.3	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	95.3	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.1	200	ug/Kg
1912-24-9	Atrazine	13	U	13	95.3	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	95.3	380	ug/Kg
85-01-8	Phenanthrene	130	J	61	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.1	200	ug/Kg
120-12-7	Anthracene	54	U	54	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.1	200	ug/Kg
86-74-8	Carbazole	70	U	70	95.3	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.1	200	ug/Kg
206-44-0	Fluoranthene	420		52	95.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH627	SDG No.:	BN053024
Lab Sample ID:	P2549-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031727.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	370		53	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	95.3	380	ug/Kg
56-55-3	Benzo(a)anthracene	170	J	45	49.1	200	ug/Kg
218-01-9	Chrysene	190	J	53	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	79	J	50	49.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	95.3	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		55	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	87	J	67	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	66	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	52	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	53	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.79		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	20.598		20-120		51	SPK: -40
4165-62-2	Phenol-d5	25.223		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.504		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.882		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	20.467		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	27.262		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.224		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.024		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.718		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.524		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	27.599		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.546		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	28.026		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH627	SDG No.:	BN053024
Lab Sample ID:	P2549-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031727.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.667		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	28.205		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	35.913		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.829		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	459191	7.687				
1146-65-2	Naphthalene-d8	2054287	10.469				
15067-26-2	Acenaphthene-d10	1344942	14.328				
1517-22-2	Phenanthrene-d10	2728044	17.075				
1719-03-5	Chrysene-d12	1871121	21.304				
1520-96-3	Perylene-d12	1652732	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	80	J			3.705	
000100-51-6	Benzyl alcohol	380	J			7.922	
000065-85-0	Benzoic acid	4700	J			9.946	
000532-28-5	Benzeneacetonitrile, .alpha.-hydro	3400	J			12.199	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	290	J			13.228	
000472-07-1	Junenol	83	J			15.704	
000057-10-3	n-Hexadecanoic acid	710	J			17.981	
000057-11-4	Octadecanoic acid	250	J			19.269	
	(DEL) Alkane: Cyclic20.998	180	J			20.998	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH631	SDG No.:	BN053024
Lab Sample ID:	P2549-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
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
BN031728.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.9	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	98.2	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	54	U	54	98.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	98.2	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.6	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	98.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	98.2	390	ug/Kg
98-86-2	Acetophenone	70	U	70	98.2	390	ug/Kg
106-44-5	4-Methylphenol	49	U	49	98.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.6	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.6	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.6	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.6	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.6	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.6	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.6	200	ug/Kg
105-60-2	Caprolactam	48	U	48	98.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	50.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	98.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	50.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH631	SDG No.:	BN053024
Lab Sample ID:	P2549-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
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
BN031728.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	50.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.6	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.6	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.6	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	50.6	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	98.2	390	ug/Kg
83-32-9	Acenaphthene	60	U	60	50.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	98.2	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	98.2	390	ug/Kg
132-64-9	Dibenzofuran	48	U	48	50.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.6	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.6	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.6	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	98.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	98.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	50.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	50.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.6	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.6	200	ug/Kg
1912-24-9	Atrazine	13	U	13	98.2	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	98.2	390	ug/Kg
85-01-8	Phenanthrene	63	U	63	50.6	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.6	200	ug/Kg
120-12-7	Anthracene	56	U	56	50.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	50.6	200	ug/Kg
86-74-8	Carbazole	73	U	73	98.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.6	200	ug/Kg
206-44-0	Fluoranthene	54	U	54	98.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH631	SDG No.:	BN053024
Lab Sample ID:	P2549-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
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
BN031728.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	50.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	90	J	51	50.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	98.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.6	200	ug/Kg
218-01-9	Chrysene	55	U	55	50.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270		51	50.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	98.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	50.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	50.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	68	50.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	50.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	50.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	50.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	50.6	200	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	11.579		20-120		29	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.271		15-120		28	SPK: -8
4165-62-2	Phenol-d5	13.837		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.25		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.861		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	13.617		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	13.504		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.375		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.463		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.527		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.762		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	14.349		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.384		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	14.419		20-140		36	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH631	SDG No.:	BN053024
Lab Sample ID:	P2549-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
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
BN031728.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.915		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	15.253		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	19.876		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.411		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	416081	7.687				
1146-65-2	Naphthalene-d8	1873721	10.469				
15067-26-2	Acenaphthene-d10	1212011	14.328				
1517-22-2	Phenanthrene-d10	2463923	17.075				
1719-03-5	Chrysene-d12	1716198	21.304				
1520-96-3	Perylene-d12	1542690	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	360	J			17.98	
000057-11-4	Octadecanoic acid	320	J			19.269	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	240	J			20.998	
E966796	Total Alkanes	55	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH621	SDG No.:	BN053024
Lab Sample ID:	P2549-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031729.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.1	82	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	55	U	55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.1	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	400	ug/Kg
98-86-2	Acetophenone	72	U	72	100	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	52.1	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.1	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.1	210	ug/Kg
78-59-1	Isophorone	44	U	44	52.1	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	52.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.1	210	ug/Kg
91-20-3	Naphthalene	40	U	40	52.1	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.1	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	52.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	52.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	52.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH621	SDG No.:	BN053024
Lab Sample ID:	P2549-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031729.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	52.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.1	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.1	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.1	210	ug/Kg
208-96-8	Acenaphthylene	70	J	56	52.1	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	400	ug/Kg
83-32-9	Acenaphthene	61	U	61	52.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	100	400	ug/Kg
132-64-9	Dibenzofuran	49	U	49	52.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.1	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	52.1	210	ug/Kg
86-73-7	Fluorene	71	U	71	52.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.1	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	52.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	52.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.1	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52.1	210	ug/Kg
1912-24-9	Atrazine	13	U	13	100	400	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	400	ug/Kg
85-01-8	Phenanthrene	470		65	52.1	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.1	210	ug/Kg
120-12-7	Anthracene	78	J	58	52.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.1	210	ug/Kg
86-74-8	Carbazole	75	U	75	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.1	210	ug/Kg
206-44-0	Fluoranthene	1300		55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH621	SDG No.:	BN053024
Lab Sample ID:	P2549-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031729.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		56	52.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	78	J	53	52.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	540		48	52.1	210	ug/Kg
218-01-9	Chrysene	630		56	52.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310		53	52.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	770		59	52.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	330		71	52.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	590		70	52.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350		55	52.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	64	52.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400		56	52.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	52.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.924		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	19.314		20-120		48	SPK: -40
4165-62-2	Phenol-d5	27.954		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.848		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.535		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	27.853		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	27.457		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.281		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.913		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.942		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.938		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.104		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.614		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	28.344		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH621	SDG No.:	BN053024
Lab Sample ID:	P2549-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031729.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.514		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	28.197		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	35.973		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.292		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	443422	7.687				
1146-65-2	Naphthalene-d8	2048071	10.469				
15067-26-2	Acenaphthene-d10	1319369	14.328				
1517-22-2	Phenanthrene-d10	2704128	17.075				
1719-03-5	Chrysene-d12	1830794	21.31				
1520-96-3	Perylene-d12	1631935	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	120	J			17.951	
000057-10-3	n-Hexadecanoic acid	540	J			17.986	
018791-75-8	4-Bromothiophene-2-aldehyde	200	J			18.139	
000084-65-1	9,10-Anthracenedione	89	J			18.492	
003674-66-6	Phenanthrene, 2,5-dimethyl-	120	J			18.875	
005737-13-3	Cyclopenta(def)phenanthrenone	110	J			19.01	
000057-11-4	Octadecanoic acid	130	J			19.269	
002381-21-7	Pyrene, 1-methyl-	100	J			19.827	
000238-84-6	11H-Benzo[a]fluorene	100	J			19.998	
1000406-04-8	Pentadecafluorooctanoic acid, octa	190	J			20.998	
000192-97-2	Benzo[e]pyrene	360	J			23.98	
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH630	SDG No.:	BN053024
Lab Sample ID:	P2549-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031730.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.1	82	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	55	U	55	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.4	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.4	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.4	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.4	210	ug/Kg
78-59-1	Isophorone	44	U	44	52.4	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	52.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.4	210	ug/Kg
91-20-3	Naphthalene	41	U	41	52.4	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.4	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	52.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	52.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH630	SDG No.:	BN053024
Lab Sample ID:	P2549-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031730.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	52.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.4	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.4	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.4	210	ug/Kg
208-96-8	Acenaphthylene	62	J	57	52.4	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	62	U	62	52.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	49	U	49	52.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.4	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.4	210	ug/Kg
86-73-7	Fluorene	71	U	71	52.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.4	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	52.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	52.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.4	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.4	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	400		65	52.4	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.4	210	ug/Kg
120-12-7	Anthracene	67	J	58	52.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.4	210	ug/Kg
86-74-8	Carbazole	75	U	75	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.4	210	ug/Kg
206-44-0	Fluoranthene	1200		55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH630	SDG No.:	BN053024
Lab Sample ID:	P2549-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031730.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		57	52.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	52.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	490		48	52.4	210	ug/Kg
218-01-9	Chrysene	550		57	52.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	53	52.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	720		59	52.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	240		71	52.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	510		70	52.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310		55	52.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98	J	64	52.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	370		57	52.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	52.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.826		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	18.173		20-120		45	SPK: -40
4165-62-2	Phenol-d5	27.089		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.332		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.909		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	25.352		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	28.398		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.024		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.899		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.586		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.812		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.412		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.278		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	29.71		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH630	SDG No.:	BN053024
Lab Sample ID:	P2549-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
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
BN031730.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.319		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	29.611		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	38.731		10-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.959		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	494301	7.687				
1146-65-2	Naphthalene-d8	2207288	10.469				
15067-26-2	Acenaphthene-d10	1429413	14.328				
1517-22-2	Phenanthrene-d10	2964377	17.075				
1719-03-5	Chrysene-d12	1956531	21.31				
1520-96-3	Perylene-d12	1753566	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	90	J			3.705	
002531-84-2	Phenanthrene, 2-methyl-	110	J			17.945	
000057-10-3	n-Hexadecanoic acid	410	J			17.986	
000203-64-5	4H-Cyclopenta[def]phenanthrene	210	J			18.139	
002789-88-0	di-p-Tolylacetylene	110	J			18.875	
005737-13-3	Cyclopenta(def)phenanthrenone	84	J			19.01	
000057-11-4	Octadecanoic acid	150	J			19.269	
002381-21-7	Pyrene, 1-methyl-	98	J			19.822	
000238-84-6	11H-Benzo[a]fluorene	110	J			19.992	
033543-31-6	Fluoranthene, 2-methyl-	98	J			20.151	
1000406-04-8	Pentadecafluorooctanoic acid, octa	170	J			20.998	
000192-97-2	Benzo[e]pyrene	260	J			23.98	
	(DEL) Alkane: Straight-Chain	350	J			25.304	
E966796	Total Alkanes	350				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBM8	SDG No.:	BN053024
Lab Sample ID:	P2549-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BN031731.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.1	82	ug/Kg
100-52-7	Benzaldehyde	370	J	59	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	55	U	55	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.2	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	52.2	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.2	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.2	210	ug/Kg
78-59-1	Isophorone	44	U	44	52.2	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	52.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.2	210	ug/Kg
91-20-3	Naphthalene	41	U	41	52.2	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.2	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	52.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	52.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBM8	SDG No.:	BN053024
Lab Sample ID:	P2549-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BN031731.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.2	210	ug/Kg
208-96-8	Acenaphthylene	77	J	57	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	61	U	61	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	49	U	49	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.2	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	52.2	210	ug/Kg
86-73-7	Fluorene	71	U	71	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52.2	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	1000		65	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.2	210	ug/Kg
120-12-7	Anthracene	180	J	58	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.2	210	ug/Kg
86-74-8	Carbazole	130	J	75	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.2	210	ug/Kg
206-44-0	Fluoranthene	3000		55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBM8	SDG No.:	BN053024
Lab Sample ID:	P2549-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BN031731.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2600		57	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	53	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1100		48	52.2	210	ug/Kg
218-01-9	Chrysene	1300		57	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	690		53	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		59	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	590		71	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	1200		70	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	740		55	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230		64	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	900		57	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.776		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	9.328		20-120		23	SPK: -40
4165-62-2	Phenol-d5	23.687		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.059		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.976		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	22.098		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	24.568		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.963		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.406		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.364		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.223		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	24.846		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.541		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	25.23		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBM8	SDG No.:	BN053024
Lab Sample ID:	P2549-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BN031731.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.438		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	26.215		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	35.634		10-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.723		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	440286	7.687				
1146-65-2	Naphthalene-d8	1998290	10.469				
15067-26-2	Acenaphthene-d10	1302534	14.328				
1517-22-2	Phenanthrene-d10	2563795	17.075				
1719-03-5	Chrysene-d12	1577316	21.31				
1520-96-3	Perylene-d12	1533502	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	97	J			3.452	
	unknown-01	120	J			3.705	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	92	J			7.287	
000770-35-4	1-Phenoxypropan-2-ol	210	J			11.21	
000532-28-5	Benzeneacetonitrile, .alpha.-hydro	250	J			12.175	
000613-12-7	Anthracene, 2-methyl-	190	J			17.951	
000057-10-3	n-Hexadecanoic acid	620	J			17.986	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	350	J			18.139	
000779-02-2	Anthracene, 9-methyl-	130	J			18.181	
000612-94-2	Naphthalene, 2-phenyl-	130	J			18.451	
000084-65-1	9,10-Anthracenedione	200	J			18.492	
003674-66-6	Phenanthrene, 2,5-dimethyl-	240	J			18.875	
	unknown-02	120	J			18.933	
005737-13-3	Cyclopenta(def)phenanthrenone	180	J			19.01	
000057-11-4	Octadecanoic acid	84	J			19.269	
002381-21-7	Pyrene, 1-methyl-	120	J			19.828	
000243-17-4	11H-Benzo[b]fluorene	130	J			19.998	

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBM8	SDG No.:	BN053024
Lab Sample ID:	P2549-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BN031731.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
033543-31-6	Fluoranthene, 2-methyl-	120	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	93	J			20.745	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	99	J			20.916	
	(DEL) Alkane: Straight-Chain20.998	210	J			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	100	J			21.057	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	84	J			21.492	
	(DEL) Alkane: Straight-Chain22.063	120	J			22.063	
000198-55-0	Perylene	690	J			23.98	
E966796	Total Alkanes	330				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SLCS108	SDG No.:	BN053024
Lab Sample ID:	PB161108BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% 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
BN031732.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	400		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1400		48	82.5	330	ug/Kg
110-86-1	Pyridine	1000		12	170	330	ug/Kg
108-95-2	Phenol	1200		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1200		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		29	82.5	330	ug/Kg
98-86-2	Acetophenone	1200		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1200		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1100		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1100		27	42.5	170	ug/Kg
78-59-1	Isophorone	1100		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1200		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		34	42.5	170	ug/Kg
91-20-3	Naphthalene	1100		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	1000		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1100		26	42.5	170	ug/Kg
105-60-2	Caprolactam	1100		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1100		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1100		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	870		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SLCS108	SDG No.:	BN053024
Lab Sample ID:	PB161108BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% 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
BN031732.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1100		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1200		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1100		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1100		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1300		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	1100		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1200		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1100		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1100		41	42.5	170	ug/Kg
86-73-7	Fluorene	1100		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1400		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1100		50	42.5	170	ug/Kg
1912-24-9	Atrazine	1200		11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1200		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1100		36	42.5	170	ug/Kg
120-12-7	Anthracene	1100		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	1200		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	1400		45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SLCS108	SDG No.:	BN053024
Lab Sample ID:	PB161108BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% 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
BN031732.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		39	42.5	170	ug/Kg
218-01-9	Chrysene	1200		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1000		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.972		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	32.099		20-120		80	SPK: -40
4165-62-2	Phenol-d5	35.769		10-130		89	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.937		10-150		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.655		15-120		92	SPK: -40
190780-66-6	4-Methylphenol-d8	36.115		10-140		90	SPK: -40
4165-60-0	Nitrobenzene-d5	35.524		10-135		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.969		10-120		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.53		10-140		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.18		1-145		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.045		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	34.971		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.005		10-150		93	SPK: -40
81103-79-9	Fluorene-d10	33.757		20-140		84	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SLCS108	SDG No.:	BN053024
Lab Sample ID:	PB161108BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% 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
BN031732.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.6		10-130		89	SPK: -40
1719-06-8	Anthracene-d10	35.781		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	41.977		10-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.991		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	432109	7.687				
1146-65-2	Naphthalene-d8	1985118	10.469				
15067-26-2	Acenaphthene-d10	1256024	14.328				
1517-22-2	Phenanthrene-d10	2628946	17.075				
1719-03-5	Chrysene-d12	1870728	21.31				
1520-96-3	Perylene-d12	1658269	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN053024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BH621								
P2549-04	BH621	Solid	11H-Benzo[a]fluorene	*	100.000	J		
P2549-04	BH621	Solid	4-Bromothiophene-2-aldehyde	*	200.000	J		
P2549-04	BH621	Solid	9,10-Anthracenedione	*	89.000	J		
P2549-04	BH621	Solid	Benzo[e]pyrene	*	360.000	J		
P2549-04	BH621	Solid	Cyclopenta(def)phenanthrenone	*	110.000	J		
P2549-04	BH621	Solid	n-Hexadecanoic acid	*	540.000	J		
P2549-04	BH621	Solid	Octadecanoic acid	*	130.000	J		
P2549-04	BH621	Solid	Pentadecafluorooctanoic acid, oct:	*	190.000	J		
P2549-04	BH621	Solid	Phenanthrene, 2,5-dimethyl-	*	120.000	J		
P2549-04	BH621	Solid	Phenanthrene, 2-methyl-	*	120.000	J		
P2549-04	BH621	Solid	Pyrene, 1-methyl-	*	100.000	J		
P2549-04	BH621	Solid	Total Alkanes	*	0.000	56	210	ug/Kg
Total Tics :					2,059.00			
P2549-04	BH621	Solid	Acenaphthylene		70.000	J 56	210	ug/Kg
P2549-04	BH621	Solid	Anthracene		78.000	J 58	210	ug/Kg
P2549-04	BH621	Solid	Benzo(a)anthracene		540.000	48	210	ug/Kg
P2549-04	BH621	Solid	Benzo(a)pyrene		590.000	70	210	ug/Kg
P2549-04	BH621	Solid	Benzo(b)fluoranthene		770.000	59	210	ug/Kg
P2549-04	BH621	Solid	Benzo(g,h,i)perylene		400.000	56	210	ug/Kg
P2549-04	BH621	Solid	Benzo(k)fluoranthene		330.000	71	210	ug/Kg
P2549-04	BH621	Solid	Bis(2-ethylhexyl)phthalate		310.000	53	210	ug/Kg
P2549-04	BH621	Solid	Butylbenzylphthalate		78.000	J 53	210	ug/Kg
P2549-04	BH621	Solid	Chrysene		630.000	56	210	ug/Kg
P2549-04	BH621	Solid	Dibenzo(a,h)anthracene		110.000	J 64	210	ug/Kg
P2549-04	BH621	Solid	Fluoranthene		1,300.000	55	210	ug/Kg
P2549-04	BH621	Solid	Indeno(1,2,3-cd)pyrene		350.000	55	210	ug/Kg
P2549-04	BH621	Solid	Phenanthrene		470.000	65	210	ug/Kg
P2549-04	BH621	Solid	Pyrene		1,200.000	56	210	ug/Kg
Total Svoc :					7,226.00			
Total Concentration:					9,285.00			
Client ID : BH622								
P2549-05	BH622	Solid	(DEL) Alkane: Cyclic20.998	*	180.000	J		
P2549-05	BH622	Solid	1-Phenoxypropan-2-ol	*	88.000	J		
P2549-05	BH622	Solid	n-Hexadecanoic acid	*	260.000	J		
P2549-05	BH622	Solid	Octadecanoic acid	*	140.000	J		
P2549-05	BH622	Solid	Propylene Glycol	*	120.000	J		
P2549-05	BH622	Solid	Total Alkanes	*	180.000	54	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN053024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
Total Tics :				968.00					
P2549-05	BH622	Solid	Benzo(a)anthracene	53.000	J	45	200	ug/Kg	
P2549-05	BH622	Solid	Benzo(b)fluoranthene	83.000	J	56	200	ug/Kg	
P2549-05	BH622	Solid	Bis(2-ethylhexyl)phthalate	66.000	J	50	200	ug/Kg	
P2549-05	BH622	Solid	Chrysene	65.000	J	54	200	ug/Kg	
P2549-05	BH622	Solid	Fluoranthene	100.000	J	52	200	ug/Kg	
P2549-05	BH622	Solid	Pyrene	98.000	J	54	200	ug/Kg	
Total Svoc :				465.00					
Total Concentration:				1,433.00					
Client ID : BH627									
P2549-12	BH627	Solid	(DEL) Alkane: Cyclic20.998	*	180.000	J			
P2549-12	BH627	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	290.000	J			
P2549-12	BH627	Solid	Benzeneacetonitrile, .alpha.-hydro	*	3,400.000	J			
P2549-12	BH627	Solid	Benzoic acid	*	4,700.000	J			
P2549-12	BH627	Solid	Benzyl alcohol	*	380.000	J			
P2549-12	BH627	Solid	Junenol	*	83.000	J			
P2549-12	BH627	Solid	n-Hexadecanoic acid	*	710.000	J			
P2549-12	BH627	Solid	Octadecanoic acid	*	250.000	J			
P2549-12	BH627	Solid	unknown-01	*	80.000	J			
P2549-12	BH627	Solid	Total Alkanes	*	180.000	53	200	ug/Kg	
Total Tics :				10,253.00					
P2549-12	BH627	Solid	Benzaldehyde		3,700.000	55	380	ug/Kg	
P2549-12	BH627	Solid	Benzo(a)anthracene		170.000	J	45	200	ug/Kg
P2549-12	BH627	Solid	Benzo(a)pyrene		180.000	J	66	200	ug/Kg
P2549-12	BH627	Solid	Benzo(b)fluoranthene		270.000		55	200	ug/Kg
P2549-12	BH627	Solid	Benzo(g,h,i)perylene		140.000	J	53	200	ug/Kg
P2549-12	BH627	Solid	Benzo(k)fluoranthene		87.000	J	67	200	ug/Kg
P2549-12	BH627	Solid	Bis(2-ethylhexyl)phthalate		79.000	J	50	200	ug/Kg
P2549-12	BH627	Solid	Chrysene		190.000	J	53	200	ug/Kg
P2549-12	BH627	Solid	Fluoranthene		420.000		52	200	ug/Kg
P2549-12	BH627	Solid	Indeno(1,2,3-cd)pyrene		110.000	J	52	200	ug/Kg
P2549-12	BH627	Solid	Phenanthrene		130.000	J	61	200	ug/Kg
P2549-12	BH627	Solid	Pyrene		370.000		53	200	ug/Kg
Total Svoc :				5,846.00					
Total Concentration:				16,099.00					
Client ID : BH630									
P2549-14	BH630	Solid	(DEL) Alkane: Straight-Chain25.1	*	350.000	J			
P2549-14	BH630	Solid	11H-Benzo[a]fluorene	*	110.000	J			
P2549-14	BH630	Solid	4H-Cyclopenta[def]phenanthrene	*	210.000	J			
P2549-14	BH630	Solid	Benzo[e]pyrene	*	260.000	J			

Hit Summary Sheet SW-846

SDG No.: BN053024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-14	BH630	Solid	Cyclopenta(def)phenanthrenone	*	84.000	J		
P2549-14	BH630	Solid	di-p-Tolylacetylene	*	110.000	J		
P2549-14	BH630	Solid	Fluoranthene, 2-methyl-	*	98.000	J		
P2549-14	BH630	Solid	n-Hexadecanoic acid	*	410.000	J		
P2549-14	BH630	Solid	Octadecanoic acid	*	150.000	J		
P2549-14	BH630	Solid	Pentadecafluorooctanoic acid, octa	*	170.000	J		
P2549-14	BH630	Solid	Phenanthrene, 2-methyl-	*	110.000	J		
P2549-14	BH630	Solid	Pyrene, 1-methyl-	*	98.000	J		
P2549-14	BH630	Solid	unknown-01	*	90.000	J		
P2549-14	BH630	Solid	Total Alkanes	*	350.000	57	210	ug/Kg
Total Tics :					2,600.00			
P2549-14	BH630	Solid	Acenaphthylene		62.000	J	57	210 ug/Kg
P2549-14	BH630	Solid	Anthracene		67.000	J	58	210 ug/Kg
P2549-14	BH630	Solid	Benzo(a)anthracene		490.000		48	210 ug/Kg
P2549-14	BH630	Solid	Benzo(a)pyrene		510.000		70	210 ug/Kg
P2549-14	BH630	Solid	Benzo(b)fluoranthene		720.000		59	210 ug/Kg
P2549-14	BH630	Solid	Benzo(g,h,i)perylene		370.000		57	210 ug/Kg
P2549-14	BH630	Solid	Benzo(k)fluoranthene		240.000		71	210 ug/Kg
P2549-14	BH630	Solid	Bis(2-ethylhexyl)phthalate		150.000	J	53	210 ug/Kg
P2549-14	BH630	Solid	Chrysene		550.000		57	210 ug/Kg
P2549-14	BH630	Solid	Dibenzo(a,h)anthracene		98.000	J	64	210 ug/Kg
P2549-14	BH630	Solid	Fluoranthene		1,200.000		55	210 ug/Kg
P2549-14	BH630	Solid	Indeno(1,2,3-cd)pyrene		310.000		55	210 ug/Kg
P2549-14	BH630	Solid	Phenanthrene		400.000		65	210 ug/Kg
P2549-14	BH630	Solid	Pyrene		1,100.000		57	210 ug/Kg
Total Svoc :					6,267.00			
Total Concentration:					8,867.00			
Client ID : BH631								
P2549-15	BH631	Solid	Ethanol, 2-(tetradecyloxy)-	*	240.000	J		
P2549-15	BH631	Solid	n-Hexadecanoic acid	*	360.000	J		
P2549-15	BH631	Solid	Octadecanoic acid	*	320.000	J		
P2549-15	BH631	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :					920.00			
P2549-15	BH631	Solid	Bis(2-ethylhexyl)phthalate		270.000	51	200	ug/Kg
P2549-15	BH631	Solid	Butylbenzylphthalate		90.000	J	51	200 ug/Kg
Total Svoc :					360.00			
Total Concentration:					1,280.00			
Client ID : BHBM8								
P2549-20	BHBM8	Solid	(DEL) Alkane: Straight-Chain20.5	*	210.000	J		
P2549-20	BHBM8	Solid	(DEL) Alkane: Straight-Chain22.0	*	120.000	J		

Hit Summary Sheet SW-846

SDG No.: BN053024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-20	BHBM8	Solid	1-Phenoxypropan-2-ol	*	210.000	J		
P2549-20	BHBM8	Solid	11H-Benzo[a]fluoren-11-one	*	93.000	J		
P2549-20	BHBM8	Solid	11H-Benzo[b]fluorene	*	130.000	J		
P2549-20	BHBM8	Solid	7H-Benz[de]anthracen-7-one	*	100.000	J		
P2549-20	BHBM8	Solid	9,10-Anthracenedione	*	200.000	J		
P2549-20	BHBM8	Solid	Anthracene, 2-methyl-	*	190.000	J		
P2549-20	BHBM8	Solid	Anthracene, 9-methyl-	*	130.000	J		
P2549-20	BHBM8	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	350.000	J		
P2549-20	BHBM8	Solid	Benzeneacetonitrile, .alpha.-hydro	*	250.000	J		
P2549-20	BHBM8	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	99.000	J		
P2549-20	BHBM8	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	84.000	J		
P2549-20	BHBM8	Solid	Cyclopenta(def)phenanthrenone	*	180.000	J		
P2549-20	BHBM8	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	92.000	J		
P2549-20	BHBM8	Solid	Fluoranthene, 2-methyl-	*	120.000	J		
P2549-20	BHBM8	Solid	n-Hexadecanoic acid	*	620.000	J		
P2549-20	BHBM8	Solid	Naphthalene, 2-phenyl-	*	130.000	J		
P2549-20	BHBM8	Solid	Octadecanoic acid	*	84.000	J		
P2549-20	BHBM8	Solid	Perylene	*	690.000	J		
P2549-20	BHBM8	Solid	Phenanthrene, 2,5-dimethyl-	*	240.000	J		
P2549-20	BHBM8	Solid	Propylene Glycol	*	97.000	J		
P2549-20	BHBM8	Solid	Pyrene, 1-methyl-	*	120.000	J		
P2549-20	BHBM8	Solid	unknown-01	*	120.000	J		
P2549-20	BHBM8	Solid	unknown-02	*	120.000	J		
P2549-20	BHBM8	Solid	Total Alkanes	*	330.000	J	57	210 ug/Kg
Total Tics :					5,109.00			
P2549-20	BHBM8	Solid	Acenaphthylene		77.000	J	57	210 ug/Kg
P2549-20	BHBM8	Solid	Anthracene		180.000	J	58	210 ug/Kg
P2549-20	BHBM8	Solid	Benzaldehyde		370.000	J	59	410 ug/Kg
P2549-20	BHBM8	Solid	Benzo(a)anthracene		1,100.000	J	48	210 ug/Kg
P2549-20	BHBM8	Solid	Benzo(a)pyrene		1,200.000	J	70	210 ug/Kg
P2549-20	BHBM8	Solid	Benzo(b)fluoranthene		1,600.000	J	59	210 ug/Kg
P2549-20	BHBM8	Solid	Benzo(g,h,i)perylene		900.000	J	57	210 ug/Kg
P2549-20	BHBM8	Solid	Benzo(k)fluoranthene		590.000	J	71	210 ug/Kg
P2549-20	BHBM8	Solid	Bis(2-ethylhexyl)phthalate		690.000	J	53	210 ug/Kg
P2549-20	BHBM8	Solid	Butylbenzylphthalate		140.000	J	53	210 ug/Kg
P2549-20	BHBM8	Solid	Carbazole		130.000	J	75	410 ug/Kg
P2549-20	BHBM8	Solid	Chrysene		1,300.000	J	57	210 ug/Kg
P2549-20	BHBM8	Solid	Dibenzo(a,h)anthracene		230.000	J	64	210 ug/Kg
P2549-20	BHBM8	Solid	Fluoranthene		3,000.000	J	55	210 ug/Kg
P2549-20	BHBM8	Solid	Indeno(1,2,3-cd)pyrene		740.000	J	55	210 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN053024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-20	BHBM8	Solid	Phenanthrene	1,000.000		65	210	ug/Kg
P2549-20	BHBM8	Solid	Pyrene	2,600.000		57	210	ug/Kg
Total Svoc :				15,847.00				
Total Concentration:				20,956.00				
Client ID : BH647DL								
P2569-07DL	BH647DL	Solid	n-Hexadecanoic acid	*	1,200.000	JD		
P2569-07DL	BH647DL	Solid	Octadecanoic acid	*	1,100.000	JD		
P2569-07DL	BH647DL	Solid	Total Alkanes	*	0.000	D 540	2000	ug/Kg
Total Tics :				2,300.00				
P2569-07DL	BH647DL	Solid	Bis(2-ethylhexyl)phthalate		35,000.000	ED 510	2000	ug/Kg
P2569-07DL	BH647DL	Solid	Fluoranthene		690.000	JD 530	2000	ug/Kg
P2569-07DL	BH647DL	Solid	Pyrene		640.000	JD 540	2000	ug/Kg
Total Svoc :				36,330.00				
Total Concentration:				38,630.00				
Client ID : BH648DL								
P2569-08DL	BH648DL	Solid	n-Hexadecanoic acid	*	790.000	JD		
P2569-08DL	BH648DL	Solid	Octadecanoic acid	*	390.000	JD		
P2569-08DL	BH648DL	Solid	Total Alkanes	*	0.000	D 260	970	ug/Kg
Total Tics :				1,180.00				
P2569-08DL	BH648DL	Solid	Benzo(a)anthracene		1,000.000	D 220	970	ug/Kg
P2569-08DL	BH648DL	Solid	Benzo(a)pyrene		880.000	JD 330	970	ug/Kg
P2569-08DL	BH648DL	Solid	Benzo(b)fluoranthene		1,200.000	D 270	970	ug/Kg
P2569-08DL	BH648DL	Solid	Benzo(g,h,i)perylene		480.000	JD 260	970	ug/Kg
P2569-08DL	BH648DL	Solid	Benzo(k)fluoranthene		530.000	JD 330	970	ug/Kg
P2569-08DL	BH648DL	Solid	Bis(2-ethylhexyl)phthalate		5,600.000	D 250	970	ug/Kg
P2569-08DL	BH648DL	Solid	Chrysene		1,000.000	D 260	970	ug/Kg
P2569-08DL	BH648DL	Solid	Fluoranthene		2,200.000	D 260	970	ug/Kg
P2569-08DL	BH648DL	Solid	Indeno(1,2,3-cd)pyrene		420.000	JD 260	970	ug/Kg
P2569-08DL	BH648DL	Solid	Phenanthrene		1,100.000	D 300	970	ug/Kg
P2569-08DL	BH648DL	Solid	Pyrene		1,900.000	D 260	970	ug/Kg
Total Svoc :				16,310.00				
Total Concentration:				17,490.00				
Client ID : BH6A7DL								
P2569-21DL	BH6A7DL	Solid	(DEL) Alkane: Straight-Chain23.4	*	510.000	JD		
P2569-21DL	BH6A7DL	Solid	(DEL) Alkane: Straight-Chain25.2	*	360.000	JD		
P2569-21DL	BH6A7DL	Solid	11H-Benzo[a]fluoren-11-one	*	190.000	JD		
P2569-21DL	BH6A7DL	Solid	7H-Benz[de]anthracen-7-one	*	200.000	JD		
P2569-21DL	BH6A7DL	Solid	9,10-Anthracenedione	*	230.000	JD		
P2569-21DL	BH6A7DL	Solid	9H-Fluoren-9-one	*	180.000	JD		

Hit Summary Sheet SW-846

SDG No.: BN053024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2569-21DL	BH6A7DL	Solid	Anthracene, 2-methyl-	*	870.000	JD		
P2569-21DL	BH6A7DL	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	670.000	JD		
P2569-21DL	BH6A7DL	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	190.000	JD		
P2569-21DL	BH6A7DL	Solid	Benzo[e]pyrene	*	680.000	JD		
P2569-21DL	BH6A7DL	Solid	Cyclopenta(def)phenanthrene	*	330.000	JD		
P2569-21DL	BH6A7DL	Solid	Cyclopenta[cd]pyrene	*	250.000	JD		
P2569-21DL	BH6A7DL	Solid	Dibenzothiophene	*	230.000	JD		
P2569-21DL	BH6A7DL	Solid	Fluoranthene, 2-methyl-	*	200.000	JD		
P2569-21DL	BH6A7DL	Solid	Naphthalene, 2-phenyl-	*	420.000	JD		
P2569-21DL	BH6A7DL	Solid	Phenanthrene, 1-methyl-	*	180.000	JD		
P2569-21DL	BH6A7DL	Solid	Phenanthrene, 2,5-dimethyl-	*	260.000	JD		
P2569-21DL	BH6A7DL	Solid	Phenanthrene, 2,7-dimethyl-	*	190.000	JD		
P2569-21DL	BH6A7DL	Solid	Phenanthrene, 2-methyl-	*	490.000	JD		
P2569-21DL	BH6A7DL	Solid	Phenanthrene, 4-methyl-	*	290.000	JD		
P2569-21DL	BH6A7DL	Solid	Pyrene, 1-methyl-	*	220.000	JD		
P2569-21DL	BH6A7DL	Solid	Total Alkanes	*	870.000	D 120	450	ug/Kg
Total Tics :				8,010.00				
P2569-21DL	BH6A7DL	Solid	Acenaphthylene		170.000	JD 120	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Anthracene		620.000	D 130	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Benzo(a)anthracene		1,800.000	D 100	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Benzo(a)pyrene		1,300.000	D 150	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Benzo(b)fluoranthene		1,900.000	D 130	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Benzo(g,h,i)perylene		650.000	D 120	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Benzo(k)fluoranthene		710.000	D 150	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Bis(2-ethylhexyl)phthalate		230.000	JD 110	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Chrysene		1,700.000	D 120	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Dibenzo(a,h)anthracene		210.000	JD 140	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Dibenzofuran		150.000	JD 110	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Fluoranthene		4,400.000	D 120	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Fluorene		200.000	JD 150	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Indeno(1,2,3-cd)pyrene		610.000	D 120	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Phenanthrene		3,200.000	D 140	450	ug/Kg
P2569-21DL	BH6A7DL	Solid	Pyrene		3,800.000	D 120	450	ug/Kg
Total Svoc :				21,650.00				
Total Concentration:				29,660.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN052924 SAS No.: BN052924 SDG No.: BN052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 11:20 _____

LAB FILE ID:		RRFAL1 = BN031685.D		RRFAL2 = BN031686.D		RRFAL3 = BN031687.D		
		RRFAL4 = BN031688.D		RRFAL5 = BN031689.D		RRFAL6 = BN031690.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.531	0.496	0.548	0.513	0.499		0.517	4.3
Benzaldehyde		0.953	1.012	0.913	0.671	0.472	0.804	28.2
Pyridine		1.351	1.490	1.414	1.334	1.214	1.361	7.5
Hexachloroethane	0.565	0.566	0.622	0.581	0.565		0.580	4.2
Nitrobenzene	0.344	0.362	0.390	0.371	0.355		0.364	4.8
Isophorone	0.719	0.753	0.803	0.748	0.714		0.747	4.8
2-Nitrophenol	0.153	0.162	0.185	0.182	0.180		0.173	8.2
2,4-Dimethylphenol	0.321	0.325	0.362	0.340	0.330		0.336	4.9
Bis(2-Chloroethoxy)methane	0.458	0.469	0.497	0.463	0.441		0.466	4.4
2,4-Dichlorophenol	0.276	0.290	0.310	0.293	0.286		0.291	4.3
Naphthalene	1.025	1.062	1.101	1.025	0.962		1.035	5.0
4-Chloroaniline		0.452	0.470	0.438	0.418	0.348	0.425	11.1
Hexachlorobutadiene	0.171	0.178	0.183	0.172	0.170		0.175	3.2
Phenol		1.728	1.889	1.803	1.745	1.560	1.745	6.9
Caprolactam		0.108	0.122	0.117	0.117	0.104	0.114	6.4
4-Chloro-3-methylphenol	0.316	0.335	0.366	0.349	0.336		0.340	5.5
1-Methylnaphthalene	0.721	0.726	0.761	0.694	0.647		0.710	6.0
2-Methylnaphthalene	0.705	0.724	0.758	0.698	0.653		0.708	5.4
Hexachlorocyclopentadiene		0.291	0.308	0.319	0.317	0.290	0.305	4.6
2,4,6-Trichlorophenol	0.326	0.352	0.376	0.378	0.363		0.359	5.9
2,4,5-Trichlorophenol	0.358	0.384	0.418	0.391	0.399		0.390	5.6
1,1-Biphenyl	1.423	1.449	1.477	1.398	1.287		1.407	5.2
2-Chloronaphthalene	1.099	1.127	1.156	1.096	1.031		1.102	4.2
2-Nitroaniline	0.282	0.308	0.340	0.338	0.329		0.319	7.7
Bis(2-Chloroethyl)ether		1.471	1.589	1.486	1.416	1.252	1.443	8.6
Dimethylphthalate	1.423	1.447	1.506	1.448	1.302		1.425	5.3
2,6-Dinitrotoluene	0.241	0.268	0.301	0.305	0.302		0.283	9.8
Acenaphthylene	1.808	1.886	1.947	1.796	1.616		1.811	6.9
3-Nitroaniline		0.298	0.335	0.320	0.298	0.262	0.303	9.1
Acenaphthene	1.206	1.239	1.266	1.189	1.089		1.198	5.7
2,4-Dinitrophenol		0.105	0.130	0.141	0.165	0.174	0.143	19.2
4-Nitrophenol		0.206	0.222	0.215	0.206	0.186	0.207	6.6
Dibenzofuran	1.657	1.686	1.724	1.610	1.461		1.628	6.3
2,4-Dinitrotoluene	0.360	0.394	0.451	0.440	0.432		0.416	9.1
Diethylphthalate	1.443	1.495	1.568	1.478	1.367		1.470	5.0
2-Chlorophenol	1.308	1.331	1.461	1.393	1.351		1.369	4.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052924 SAS No.: BN052924 SDG No.: BN052924

Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____

Calibration Time(s): 11:20 _____

LAB FILE ID:		RRFAL1 = BN031685.D		RRFAL2 = BN031686.D		RRFAL3 = BN031687.D		
		RRFAL4 = BN031688.D		RRFAL5 = BN031689.D		RRFAL6 = BN031690.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.409	1.416	1.415	1.271	1.042		1.311	12.4
4-Chlorophenyl-phenylether	0.676	0.682	0.697	0.609	0.509		0.635	12.3
4-Nitroaniline		0.298	0.331	0.312	0.272	0.228	0.288	13.9
4,6-Dinitro-2-methylphenol		0.092	0.106	0.115	0.115	0.107	0.107	8.5
N-Nitrosodiphenylamine	0.559	0.563	0.579	0.562	0.493		0.551	6.1
1,2,4,5-Tetrachlorobenzene	0.511	0.537	0.557	0.532	0.506		0.529	3.9
4-Bromophenyl-phenylether	0.194	0.194	0.200	0.192	0.189		0.194	2.0
Hexachlorobenzene	0.218	0.219	0.229	0.223	0.210		0.220	3.1
Atrazine		0.199	0.186	0.188	0.163	0.135	0.174	14.6
Pentachlorophenol		0.129	0.151	0.152	0.145	0.126	0.141	8.7
2-Methylphenol		1.310	1.468	1.383	1.359	1.218	1.348	6.8
Phenanthrene	1.054	1.065	1.074	1.027	0.873		1.019	8.2
Pentachlorobenzene	0.251	0.254	0.262	0.253	0.233		0.251	4.3
Anthracene	1.076	1.091	1.099	1.029	0.867		1.032	9.3
1,2,3,4-Tetrachlorobenzene	0.250	0.255	0.265	0.268	0.249		0.257	3.3
Carbazole		0.990	1.013	0.961	0.838	0.601	0.880	19.3
Di-n-butylphthalate	1.217	1.245	1.351	1.264	0.978		1.211	11.5
Fluoranthene	1.268	1.276	1.383	1.276	1.192		1.279	5.3
Pyrene	1.327	1.359	1.433	1.283	1.160		1.312	7.7
Butylbenzylphthalate	0.562	0.593	0.668	0.648	0.628		0.620	6.9
3,3-Dichlorobenzidine		0.407	0.456	0.427	0.357	0.270	0.384	19.1
2,2-oxybis (1-Chloropropane)		1.716	1.852	1.714	1.618	1.403	1.661	10.0
Benzo (a) anthracene	1.343	1.341	1.401	1.358	1.250		1.339	4.1
Chrysene	1.289	1.242	1.352	1.233	1.136		1.250	6.4
Bis (2-ethylhexyl) phthalate	0.918	0.915	0.999	0.907	0.779		0.904	8.8
Di-n-octyl phthalate		1.410	1.513	1.498	1.285	0.989	1.339	16.1
Benzo (b) fluoranthene	1.133	1.220	1.258	1.200	1.167		1.195	4.0
Benzo (k) fluoranthene	1.161	1.236	1.224	1.175	1.068		1.173	5.7
Benzo (a) pyrene	1.064	1.169	1.160	1.160	1.045		1.120	5.3
Indeno (1,2,3-cd) pyrene	1.209	1.366	1.325	1.348	1.204		1.290	6.0
Dibenzo (a,h) anthracene	1.001	1.092	1.083	1.100	0.991		1.053	5.0
Benzo (g,h,i) perylene	0.980	1.073	1.061	1.073	0.941		1.026	6.0
Acetophenone		2.256	2.403	2.175	2.033	1.723	2.118	12.2
2,3,4,6-Tetrachlorophenol	0.302	0.319	0.345	0.337	0.329		0.326	5.2
1,4-Dioxane-d8	0.484	0.475	0.515	0.479	0.464		0.483	4.0
Pyridine-d5		1.285	1.496	1.427	1.355	1.241	1.361	7.6

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN052924 SAS No.: BN052924 SDG No.: BN052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 11:20 _____

LAB FILE ID:		RRFAL1 = BN031685.D			RRFAL2 = BN031686.D		RRFAL3 = BN031687.D	
		RRFAL4 = BN031688.D			RRFAL5 = BN031689.D		RRFAL6 = BN031690.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.654	1.844	1.767	1.731	1.578	1.715	6.0
Bis-(2-Chloroethyl)ether-d8		1.029	1.105	1.033	0.981	0.866	1.003	8.8
2-Chlorophenol-d4	1.237	1.250	1.398	1.331	1.325		1.308	5.0
4-Methylphenol-d8		1.355	1.512	1.417	1.406	1.298	1.398	5.7
Nitrobenzene-d5	0.139	0.146	0.164	0.158	0.158		0.153	6.6
2-Nitrophenol-d4	0.135	0.145	0.169	0.168	0.173		0.158	10.7
2,4-Dichlorophenol-d3	0.275	0.285	0.317	0.305	0.293		0.295	5.6
4-Chloroaniline-d4		0.463	0.480	0.449	0.430	0.368	0.438	9.9
4-Methylphenol		1.431	1.597	1.506	1.442	1.329	1.461	6.8
Dimethylphthalate-d6	1.378	1.420	1.468	1.396	1.306		1.393	4.3
Acenaphthylene-d8	1.567	1.625	1.705	1.614	1.500		1.602	4.7
4-Nitrophenol-d4		0.268	0.299	0.293	0.280	0.254	0.279	6.6
Fluorene-d10	1.196	1.202	1.255	1.178	1.064		1.179	6.0
4,6-Dinitro-2-methylphenol-		0.083	0.098	0.106	0.111	0.105	0.101	10.9
Anthracene-d10	0.865	0.889	0.919	0.857	0.750		0.856	7.5
Pyrene-d10	1.036	1.062	1.143	1.067	1.043		1.070	4.0
Benzo(a)pyrene-d12	0.878	0.988	0.974	0.995	0.941		0.955	5.0
N-Nitroso-di-n-propylamine	1.078	1.122	1.207	1.093	0.988		1.098	7.2

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.: BN053024 SAS No.: BN053024 SDG NO.: BN053024

EPA Sample No.: SSTD020205 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 18:20

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	537524	7.687	2.44038e+00	10.47	1.62391e+00	14.33
UPPER LIMIT	1075048	8.187	4880760	10.969	3247820	14.828
LOWER LIMIT	268762	7.187	1220190	9.969	811955	13.828
EPA SAMPLE NO.						
01 SBLK108	409452	7.69	1.84142e	10.47	1.30249e	14.33
02 BH647DL	410159	7.69	1.87942e	10.47	1.34057e	14.33
03 BH648DL	449771	7.69	2.14327e	10.47	1.46899e	14.33
04 BH6A7DL	470907	7.69	2.24184e	10.47	1.52716e	14.33
05 BH622	444323	7.69	2.04683e	10.47	1.36893e	14.33
06 BH627	459191	7.69	2.05429e	10.47	1.34494e	14.33
07 BH631	416081	7.69	1.87372e	10.47	1.21201e	14.33
08 BH621	443422	7.69	2.04807e	10.47	1.31937e	14.33
09 BH630	494301	7.69	2.20729e	10.47	1.42941e	14.33
10 BHBM8	440286	7.69	1.99829e	10.47	1.30253e	14.33
11 SLCS108	432109	7.69	1.98512e	10.47	1.25602e	14.33

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.: BN053024 SAS No.: BN053024 SDG NO.: BN053024

EPA Sample No.: SSTD020266 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BN031720.D Time Analyzed: 18:20

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	446521	7.687	2.11741e+00	10.47	1.44758e+00	14.33
UPPER LIMIT	893042	8.187	4234820	10.969	2895160	14.828
LOWER LIMIT	223260.5	7.187	1058705	9.969	723790	13.828
EPA SAMPLE NO.						
01 SBLK108	409452	7.69	1.84142e	10.47	1.30249e	14.33
02 BH647DL	410159	7.69	1.87942e	10.47	1.34057e	14.33
03 BH648DL	449771	7.69	2.14327e	10.47	1.46899e	14.33
04 BH6A7DL	470907	7.69	2.24184e	10.47	1.52716e	14.33
05 BH622	444323	7.69	2.04683e	10.47	1.36893e	14.33
06 BH627	459191	7.69	2.05429e	10.47	1.34494e	14.33
07 BH631	416081	7.69	1.87372e	10.47	1.21201e	14.33
08 BH621	443422	7.69	2.04807e	10.47	1.31937e	14.33
09 BH630	494301	7.69	2.20729e	10.47	1.42941e	14.33
10 BHBM8	440286	7.69	1.99829e	10.47	1.30253e	14.33
11 SLCS108	432109	7.69	1.98512e	10.47	1.25602e	14.33

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.: BN053024 SAS No.: BN053024 SDG NO.: BN053024

EPA Sample No.: SSTD020205 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 18:20

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	3.4478e+00	17.069	3.17344e+	21.304	3.57577e+00	24.245
	UPPER LIMIT	6895600	17.569	6346880	21.804	7151540	24.745
	LOWER LIMIT	1723900	16.569	1586720	20.804	1787885	23.745
	EPA SAMPLE NO.						
01	SBLK108	2.84368	17.08	2.59166e+	21.31	2.67845e+	24.25
02	BH647DL	2.89797	17.08	2.60025e+	21.31	2.545e+00	24.25
03	BH648DL	3.09363	17.08	2.62593e+	21.31	2.31688e+	24.25
04	BH6A7DL	3.17006	17.08	2.49563e+	21.31	2.12712e+	24.25
05	BH622	2.89571	17.08	2.41936e+	21.31	2.17062e+	24.26
06	BH627	2.72804	17.08	1.87112e+	21.30	1.65273e+ *	24.25
07	BH631	2.46392	17.08	1.7162e+0	21.30	1.54269e+ *	24.25
08	BH621	2.70413	17.08	1.83079e+	21.31	1.63194e+ *	24.25
09	BH630	2.96438	17.08	1.95653e+	21.31	1.75357e+ *	24.25
10	BHBM8	2.5638e	17.08	1.57732e+ *	21.31	1.5335e+0 *	24.25
11	SLCS108	2.62895	17.08	1.87073e+	21.31	1.65827e+ *	24.25

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.: BN053024 SAS No.: BN053024 SDG NO.: BN053024

EPA Sample No.: SSTD020266 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BN031720.D Time Analyzed: 18:20

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	3.05714e+01	17.075	2.63758e+	21.316	2.59774e+01	24.257
	UPPER LIMIT	6114280	17.575	5275160	21.816	5195480	24.757
	LOWER LIMIT	1528570	16.575	1318790	20.816	1298870	23.757
	EPA SAMPLE NO.						
01	SBLK108	2.84368	17.08	2.59166e+	21.31	2.67845e+	24.25
02	BH647DL	2.89797	17.08	2.60025e+	21.31	2.545e+00	24.25
03	BH648DL	3.09363	17.08	2.62593e+	21.31	2.31688e+	24.25
04	BH6A7DL	3.17006	17.08	2.49563e+	21.31	2.12712e+	24.25
05	BH622	2.89571	17.08	2.41936e+	21.31	2.17062e+	24.26
06	BH627	2.72804	17.08	1.87112e+	21.30	1.65273e+	24.25
07	BH631	2.46392	17.08	1.7162e+0	21.30	1.54269e+	24.25
08	BH621	2.70413	17.08	1.83079e+	21.31	1.63194e+	24.25
09	BH630	2.96438	17.08	1.95653e+	21.31	1.75357e+	24.25
10	BHBM8	2.5638e	17.08	1.57732e+	21.31	1.5335e+0	24.25
11	SLCS108	2.62895	17.08	1.87073e+	21.31	1.65827e+	24.25

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.: BN053024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161108BS	1,4-Dioxane	530	400	ug/Kg	75				0	0		
	Benzaldehyde	1300	1400	ug/Kg	108				0	0		
	Pyridine	1300	1000	ug/Kg	77				0	0		
	Phenol	1300	1200	ug/Kg	92				0	0		
	Bis(2-chloroethyl)ether	1300	1100	ug/Kg	85				0	0		
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0		
	2-Methylphenol	1300	1200	ug/Kg	92				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1100	ug/Kg	85				0	0		
	Acetophenone	1300	1200	ug/Kg	92				0	0		
	4-Methylphenol	1300	1200	ug/Kg	92				0	0		
	N-Nitroso-di-n-propylamine	1300	1100	ug/Kg	85				0	0		
	Hexachloroethane	1300	1100	ug/Kg	85				0	0		
	Nitrobenzene	1300	1100	ug/Kg	85				0	0		
	Isophorone	1300	1100	ug/Kg	85				0	0		
	2-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	2,4-Dimethylphenol	1300	1000	ug/Kg	77				0	0		
	Bis(2-chloroethoxy)methane	1300	1000	ug/Kg	77				0	0		
	2,4-Dichlorophenol	1300	1200	ug/Kg	92				0	0		
	Naphthalene	1300	1100	ug/Kg	85				0	0		
	4-Chloroaniline	1300	1000	ug/Kg	77				0	0		
	Hexachlorobutadiene	1300	1100	ug/Kg	85				0	0		
	Caprolactam	1300	1100	ug/Kg	85				0	0		
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0		
	1-Methylnaphthalene	1300	1100	ug/Kg	85				0	0		
	2-Methylnaphthalene	1300	1100	ug/Kg	85				0	0		
	Hexachlorocyclopentadiene	1300	870	ug/Kg	67				0	0		
	2,4,6-Trichlorophenol	1300	1200	ug/Kg	92				0	0		
	2,4,5-Trichlorophenol	1300	1200	ug/Kg	92				0	0		
	1,1'-Biphenyl	1300	1100	ug/Kg	85				0	0		
	2-Chloronaphthalene	1300	1100	ug/Kg	85				0	0		
	2-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	Dimethylphthalate	1300	1100	ug/Kg	85				0	0		
	2,6-Dinitrotoluene	1300	1200	ug/Kg	92				0	0		
	Acenaphthylene	1300	1100	ug/Kg	85				0	0		
	3-Nitroaniline	1300	1300	ug/Kg	100				0	0		
	Acenaphthene	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrophenol	1300	1200	ug/Kg	92				0	0		
	4-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	Dibenzofuran	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrotoluene	1300	1200	ug/Kg	92				0	0		
	Diethylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluorene	1300	1100	ug/Kg	85				0	0		
	4-Chlorophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	4-Nitroaniline	1300	1400	ug/Kg	108				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN053024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161108BS	4,6-Dinitro-2-methylphenol	1300	1200	ug/Kg	92				0	0	
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0	
	4-Bromophenyl-phenylether	1300	1100	ug/Kg	85				0	0	
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0	
	Atrazine	1300	1200	ug/Kg	92				0	0	
	Pentachlorophenol	1300	1200	ug/Kg	92				0	0	
	Phenanthrene	1300	1100	ug/Kg	85				0	0	
	Pentachlorobenzene	1300	1100	ug/Kg	85				0	0	
	Anthracene	1300	1100	ug/Kg	85				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0	
	Carbazole	1300	1200	ug/Kg	92				0	0	
	Di-n-butylphthalate	1300	1100	ug/Kg	85				0	0	
	Fluoranthene	1300	1400	ug/Kg	108				0	0	
	Pyrene	1300	1400	ug/Kg	108				0	0	
	Butylbenzylphthalate	1300	1400	ug/Kg	108				0	0	
	3,3'-Dichlorobenzidine	1300	1200	ug/Kg	92				0	0	
	Benzo(a)anthracene	1300	1100	ug/Kg	85				0	0	
	Chrysene	1300	1200	ug/Kg	92				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1300	ug/Kg	100				0	0	
	Di-n-octylphthalate	1300	1800	ug/Kg	138				0	0	
	Benzo(b)fluoranthene	1300	1200	ug/Kg	92				0	0	
	Benzo(k)fluoranthene	1300	1200	ug/Kg	92				0	0	
	Benzo(a)pyrene	1300	1000	ug/Kg	77				0	0	
	Indeno(1,2,3-cd)pyrene	1300	1100	ug/Kg	85				0	0	
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0	
	Benzo(g,h,i)perylene	1300	1100	ug/Kg	85				0	0	
	2,3,4,6-Tetrachlorophenol	1300	1200	ug/Kg	92				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK108

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN053024

SAS No.: BN053024 SDG NO.: BN053024

Lab File ID: BN031721.D

Lab Sample ID: PB161108BL

Instrument ID: BNA_N

Date Extracted: 05/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/30/2024

Level: (low/med) LOW

Time Analyzed: 18:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH622	P2549-05	BN031725.D	05/30/2024
BH627	P2549-12	BN031727.D	05/30/2024
BH631	P2549-15	BN031728.D	05/30/2024
BH621	P2549-04	BN031729.D	05/30/2024
BH630	P2549-14	BN031730.D	05/31/2024
BHBM8	P2549-20	BN031731.D	05/31/2024
PB161108BS	PB161108BS	BN031732.D	05/31/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN053024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2549-04	BH621	BN031729.D	1,4-Dioxane-d8	8	4.92	62		15	120
			Pyridine-d5	40	19.31	48		20	120
			Phenol-d5	40	27.95	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.85	67		10	150
			2-Chlorophenol-d4	40	28.54	71		15	120
			4-Methylphenol-d8	40	27.85	70		10	140
			Nitrobenzene-d5	40	27.46	69		10	135
			2-Nitrophenol-d4	40	28.28	71		10	120
			2,4-Dichlorophenol-d3	40	26.91	67		10	140
			4-Chloroaniline-d4	40	17.94	45		1	145
			Dimethylphthalate-d6	40	27.94	70		10	145
			Acenaphthylene-d8	40	28.10	70		15	120
			4-Nitrophenol-d4	40	25.61	64		10	150
			Fluorene-d10	40	28.34	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.51	56		10	130
			Anthracene-d10	40	28.20	70		10	150
			Pyrene-d10	40	35.97	90		10	130
			Benzo(a)pyrene-d12	40	29.29	73		10	140
P2549-05	BH622	BN031725.D	Pyridine-d5	40	33.51	84		20	120
			1,4-Dioxane-d8	8	6.54	82		15	120
			Phenol-d5	40	35.41	89		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.57	86		10	150
			2-Chlorophenol-d4	40	36.29	91		15	120
			4-Methylphenol-d8	40	35.62	89		10	140
			Nitrobenzene-d5	40	35.40	89		10	135
			2-Nitrophenol-d4	40	36.61	92		10	120
			2,4-Dichlorophenol-d3	40	35.01	88		10	140
			4-Chloroaniline-d4	40	34.65	87		1	145
			Dimethylphthalate-d6	40	37.08	93		10	145
			Acenaphthylene-d8	40	35.44	89		15	120
			4-Nitrophenol-d4	40	38.52	96		10	150
			Fluorene-d10	40	36.38	91		20	140
			4,6-Dinitro-2-methylphenol-d2	40	34.44	86		10	130
			Anthracene-d10	40	35.70	89		10	150
			Pyrene-d10	40	40.21	101		10	130
			Benzo(a)pyrene-d12	40	39.09	98		10	140
P2549-12	BH627	BN031727.D	1,4-Dioxane-d8	8	4.79	60		15	120
			Pyridine-d5	40	20.60	51		20	120
			Phenol-d5	40	25.22	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.50	64		10	150
			2-Chlorophenol-d4	40	26.88	67		15	120
			4-Methylphenol-d8	40	20.47	51		10	140
			Nitrobenzene-d5	40	27.26	68		10	135
			2-Nitrophenol-d4	40	28.22	71		10	120
			2,4-Dichlorophenol-d3	40	26.02	65		10	140
			4-Chloroaniline-d4	40	11.72	29		1	145
			Dimethylphthalate-d6	40	27.52	69		10	145
			Acenaphthylene-d8	40	27.60	69		15	120
			4-Nitrophenol-d4	40	26.55	66		10	150

Surrogate Summary

SW-846

SDG No.: BN053024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2549-12	BH627	BN031727.D	Fluorene-d10	40	28.03	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.67	62		10	130
			Anthracene-d10	40	28.21	71		10	150
			Pyrene-d10	40	35.91	90		10	130
			Benzo(a)pyrene-d12	40	29.83	75		10	140
P2549-14	BH630	BN031730.D	1,4-Dioxane-d8	8	4.83	60		15	120
			Pyridine-d5	40	18.17	45		20	120
			Phenol-d5	40	27.09	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.33	66		10	150
			2-Chlorophenol-d4	40	27.91	70		15	120
			4-Methylphenol-d8	40	25.35	63		10	140
			Nitrobenzene-d5	40	28.40	71		10	135
			2-Nitrophenol-d4	40	30.02	75		10	120
			2,4-Dichlorophenol-d3	40	27.90	70		10	140
			4-Chloroaniline-d4	40	19.59	49		1	145
			Dimethylphthalate-d6	40	29.81	75		10	145
			Acenaphthylene-d8	40	29.41	74		15	120
			4-Nitrophenol-d4	40	27.28	68		10	150
			Fluorene-d10	40	29.71	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.32	61		10	130
			Anthracene-d10	40	29.61	74		10	150
			Pyrene-d10	40	38.73	97		10	130
			Benzo(a)pyrene-d12	40	30.96	77		10	140
			Pyridine-d5	40	11.58	29		20	120
			1,4-Dioxane-d8	8	2.27	28		15	120
P2549-15	BH631	BN031728.D	Phenol-d5	40	13.84	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.25	33		10	150
			2-Chlorophenol-d4	40	13.86	35		15	120
			4-Methylphenol-d8	40	13.62	34		10	140
			Nitrobenzene-d5	40	13.50	34		10	135
			2-Nitrophenol-d4	40	13.38	33		10	120
			2,4-Dichlorophenol-d3	40	13.46	34		10	140
			4-Chloroaniline-d4	40	10.53	26		1	145
			Dimethylphthalate-d6	40	22.76	57		10	145
			Acenaphthylene-d8	40	14.35	36		15	120
			4-Nitrophenol-d4	40	13.38	33		10	150
			Fluorene-d10	40	14.42	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.92	27		10	130
			Anthracene-d10	40	15.25	38		10	150
			Pyrene-d10	40	19.88	50		10	130
			Benzo(a)pyrene-d12	40	15.41	39		10	140
P2549-20	BHBM8	BN031731.D	1,4-Dioxane-d8	8	3.78	47		15	120
			Pyridine-d5	40	9.33	23		20	120
			Phenol-d5	40	23.69	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.06	58		10	150
			2-Chlorophenol-d4	40	24.98	62		15	120
			4-Methylphenol-d8	40	22.10	55		10	140
			Nitrobenzene-d5	40	24.57	61		10	135
			2-Nitrophenol-d4	40	24.96	62		10	120

Surrogate Summary

SW-846

SDG No.: BN053024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2549-20	BHBM8	BN031731.D	2,4-Dichlorophenol-d3	40	24.41	61		10	140
			4-Chloroaniline-d4	40	13.36	33		1	145
			Dimethylphthalate-d6	40	25.22	63		10	145
			Acenaphthylene-d8	40	24.85	62		15	120
			4-Nitrophenol-d4	40	17.54	44		10	150
			Fluorene-d10	40	25.23	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.44	49		10	130
			Anthracene-d10	40	26.22	66		10	150
			Pyrene-d10	40	35.63	89		10	130
			Benzo(a)pyrene-d12	40	26.72	67		10	140
PB161108BL	PB161108BL	BN031721.D	1,4-Dioxane-d8	8	5.20	65		15	120
			Pyridine-d5	40	26.79	67		20	120
			Phenol-d5	40	25.98	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.71	67		10	150
			2-Chlorophenol-d4	40	27.76	69		15	120
			4-Methylphenol-d8	40	26.72	67		10	140
			Nitrobenzene-d5	40	27.60	69		10	135
			2-Nitrophenol-d4	40	28.53	71		10	120
			2,4-Dichlorophenol-d3	40	25.95	65		10	140
			4-Chloroaniline-d4	40	28.93	72		1	145
			Dimethylphthalate-d6	40	29.53	74		10	145
			Acenaphthylene-d8	40	27.34	68		15	120
			4-Nitrophenol-d4	40	27.84	70		10	150
			Fluorene-d10	40	28.02	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.30	58		10	130
			Anthracene-d10	40	29.10	73		10	150
			Pyrene-d10	40	28.84	72		10	130
			Benzo(a)pyrene-d12	40	28.35	71		10	140
PB161108BS	PB161108BS	BN031732.D	1,4-Dioxane-d8	8	5.97	75		15	120
			Pyridine-d5	40	32.10	80		20	120
			Phenol-d5	40	35.77	89		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.94	85		10	150
			2-Chlorophenol-d4	40	36.66	92		15	120
			4-Methylphenol-d8	40	36.12	90		10	140
			Nitrobenzene-d5	40	35.52	89		10	135
			2-Nitrophenol-d4	40	36.97	92		10	120
			2,4-Dichlorophenol-d3	40	35.53	89		10	140
			4-Chloroaniline-d4	40	33.18	83		1	145
			Dimethylphthalate-d6	40	35.05	88		10	145
			Acenaphthylene-d8	40	34.97	87		15	120
			4-Nitrophenol-d4	40	37.01	93		10	150
			Fluorene-d10	40	33.76	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	35.60	89		10	130
			Anthracene-d10	40	35.78	89		10	150
			Pyrene-d10	40	41.98	105		10	130
			Benzo(a)pyrene-d12	40	34.99	87		10	140

Surrogate Summary

SW-846

SDG No.: **BN053024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2569-07DL	BH647DL	BN031722.D	1,4-Dioxane-d8	8	4.09	51		15	120
			Pyridine-d5	40	4.19	10	*	20	120
			Phenol-d5	40	17.95	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.61	52		10	150
			2-Chlorophenol-d4	40	19.73	49		15	120
			4-Methylphenol-d8	40	13.43	34		10	140
			Nitrobenzene-d5	40	19.41	49		10	135
			2-Nitrophenol-d4	40	16.70	42		10	120
			2,4-Dichlorophenol-d3	40	18.23	46		10	140
			4-Chloroaniline-d4	40	10.52	26		1	145
			Dimethylphthalate-d6	40	22.06	55		10	145
			Acenaphthylene-d8	40	20.34	51		15	120
			4-Nitrophenol-d4	40	6.07	15		10	150
			Fluorene-d10	40	23.11	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.27	21		10	130
			Anthracene-d10	40	21.66	54		10	150
			Pyrene-d10	40	26.96	67		10	130
			Benzo(a)pyrene-d12	40	24.44	61		10	140
P2569-08DL	BH648DL	BN031723.D	1,4-Dioxane-d8	8	4.84	60		15	120
			Pyridine-d5	40	16.39	41		20	120
			Phenol-d5	40	25.73	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.77	69		10	150
			2-Chlorophenol-d4	40	27.85	70		15	120
			4-Methylphenol-d8	40	19.59	49		10	140
			Nitrobenzene-d5	40	26.35	66		10	135
			2-Nitrophenol-d4	40	24.88	62		10	120
			2,4-Dichlorophenol-d3	40	25.67	64		10	140
			4-Chloroaniline-d4	40	15.67	39		1	145
			Dimethylphthalate-d6	40	29.41	74		10	145
			Acenaphthylene-d8	40	28.24	71		15	120
			4-Nitrophenol-d4	40	17.19	43		10	150
			Fluorene-d10	40	30.26	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.57	44		10	130
			Anthracene-d10	40	29.53	74		10	150
			Pyrene-d10	40	35.75	89		10	130
			Benzo(a)pyrene-d12	40	31.51	79		10	140
P2569-21DL	BH6A7DL	BN031724.D	1,4-Dioxane-d8	8	2.40	30		15	120
			Pyridine-d5	40	9.53	24		20	120
			Phenol-d5	40	13.47	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.83	35		10	150
			2-Chlorophenol-d4	40	14.02	35		15	120
			4-Methylphenol-d8	40	13.23	33		10	140
			Nitrobenzene-d5	40	13.29	33		10	135
			2-Nitrophenol-d4	40	13.02	33		10	120
			2,4-Dichlorophenol-d3	40	13.91	35		10	140
			4-Chloroaniline-d4	40	10.10	25		1	145
			Dimethylphthalate-d6	40	15.99	40		10	145
			Acenaphthylene-d8	40	15.16	38		15	120
			4-Nitrophenol-d4	40	10.15	25		10	150



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

Surrogate Summary

SW-846

SDG No.: BN053024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2569-21DL	BH6A7DL	BN031724.D	Fluorene-d10	40	16.83	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.57	26		10	130
			Anthracene-d10	40	17.05	43		10	150
			Pyrene-d10	40	21.16	53		10	130
			Benzo(a)pyrene-d12	40	18.67	47		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN053024

Lab Code: CHEM

SAS No.: BN053024

SDG NO.: BN053024

Lab File ID: BN031719.D

DFTPP Injection Date: 05/30/2024

Instrument ID: BNA_N

DFTPP Injection Time: 17:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.4
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.9
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	2.7
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	56.7
443	15.0 - 24.0% of mass 442	11.1 (19.5) 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
SSTD020266	SSTDCCC020	BN031720.D	05/30/2024	17:40
SBLK108	PB161108BL	BN031721.D	05/30/2024	18:20
BH647DL	P2569-07DL	BN031722.D	05/30/2024	18:59
BH648DL	P2569-08DL	BN031723.D	05/30/2024	19:38
BH6A7DL	P2569-21DL	BN031724.D	05/30/2024	20:17
BH622	P2549-05	BN031725.D	05/30/2024	20:57
P2549-1210	P2549-17	BN031726.D	05/30/2024	21:36
BH627	P2549-12	BN031727.D	05/30/2024	22:15
BH631	P2549-15	BN031728.D	05/30/2024	22:55
BH621	P2549-04	BN031729.D	05/30/2024	23:34
BH630	P2549-14	BN031730.D	05/31/2024	00:13
BHBM8	P2549-20	BN031731.D	05/31/2024	00:52
SLCS108	PB161108BS	BN031732.D	05/31/2024	01:32
SSTD020267	SSTDCCC020EC	BN031733.D	05/31/2024	03:29