

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN042424 SAS No.: BN042424 SDG No.: BN042424
Instrument ID: BNA_N Calibration Date/Time: 4/24/2024 1:18:50
Lab File ID: BN031194.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020380 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.454	0.442	0.010	-2.5719	40.0
Benzaldehyde	0.828	1.012	0.010	22.1302	40.0
Pyridine	1.244	1.292	0.010	3.8694	40.0
Phenol	1.739	1.752	0.080	0.6946	20.0
Bis(2-Chloroethyl)ether	1.372	1.411	0.100	2.8278	20.0
2-Chlorophenol	1.365	1.435	0.200	5.121	20.0
2-Methylphenol	1.348	1.341	0.010	-0.5161	20.0
2,2-oxybis(1-Chloropropane)	1.789	1.877	0.010	4.9183	40.0
Acetophenone	2.198	2.239	0.060	1.8656	20.0
4-Methylphenol	1.510	1.498	0.010	-0.7845	20.0
N-Nitroso-di-n-propylamine	1.096	1.077	0.050	-1.7072	30.0
Hexachloroethane	0.567	0.590	0.100	4.1146	20.0
Nitrobenzene	0.339	0.362	0.050	6.7536	25.0
Isophorone	0.692	0.676	0.050	-2.3847	25.0
2-Nitrophenol	0.165	0.176	0.050	6.3634	25.0
2,4-Dimethylphenol	0.337	0.346	0.050	2.7961	25.0
Bis(2-Chloroethoxy)methane	0.420	0.436	0.050	3.8005	20.0
2,4-Dichlorophenol	0.294	0.314	0.060	6.5825	20.0
Naphthalene	1.037	1.090	0.200	5.1849	20.0
4-Chloroaniline	0.447	0.460	0.010	2.926	40.0
Hexachlorobutadiene	0.179	0.188	0.040	4.7775	30.0
Caprolactam	0.116	0.100	0.010	-13.3141	40.0
4-Chloro-3-methylphenol	0.341	0.344	0.040	0.8652	25.0
1-Methylnaphthalene	0.740	0.759	0.100	2.6788	20.0
2-Methylnaphthalene	0.731	0.757	0.100	3.5052	20.0
Hexachlorocyclopentadiene	0.287	0.228	0.010	-20.8251	40.0
2,4,6-Trichlorophenol	0.348	0.360	0.090	3.47	25.0
2,4,5-Trichlorophenol	0.386	0.401	0.100	3.7621	25.0
1,1-Biphenyl	1.376	1.451	0.200	5.4731	20.0
2-Chloronaphthalene	1.099	1.168	0.300	6.3001	20.0
2-Nitroaniline	0.303	0.315	0.050	3.7044	40.0
Dimethylphthalate	1.436	1.430	0.300	-0.3879	20.0
2,6-Dinitrotoluene	0.270	0.278	0.080	3.1497	30.0
Acenaphthylene	1.842	1.922	0.400	4.3357	20.0
3-Nitroaniline	0.309	0.319	0.010	3.1726	40.0
Acenaphthene	1.221	1.250	0.200	2.386	20.0
2,4-Dinitrophenol	0.152	0.109	0.010	-28.7565	40.0
4-Nitrophenol	0.236	0.224	0.010	-4.9411	40.0
Dibenzofuran	1.689	1.770	0.300	4.824	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN042424 SAS No.: BN042424 SDG No.: BN042424

Instrument ID: BNA_N Calibration Date/Time: 4/24/2024 1:18:50

Lab File ID: BN031194.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020380 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.410	0.422	0.070	2.9849	30.0
Diethylphthalate	1.477	1.490	0.300	0.9302	20.0
Fluorene	1.390	1.448	0.200	4.2185	20.0
4-Chlorophenyl-phenylether	0.662	0.679	0.100	2.5738	20.0
4-Nitroaniline	0.334	0.360	0.010	7.9388	40.0
4,6-Dinitro-2-methylphenol	0.108	0.097	0.010	-10.3498	40.0
N-Nitrosodiphenylamine	0.536	0.553	0.050	3.094	20.0
1,2,4,5-Tetrachlorobenzene	0.523	0.559	0.100	6.7192	20.0
4-Bromophenyl-phenylether	0.189	0.200	0.070	5.7761	20.0
Hexachlorobenzene	0.218	0.226	0.050	3.7341	25.0
Atrazine	0.188	0.187	0.010	-0.4277	25.0
Pentachlorophenol	0.142	0.140	0.010	-1.0566	40.0
Phenanthrene	1.058	1.088	0.200	2.8752	20.0
Pentachlorobenzene	0.242	0.252	0.050	4.047	20.0
Anthracene	1.071	1.119	0.200	4.5733	20.0
1,2,3,4-Tetrachlorobenzene	0.235	0.249	0.050	6.182	20.0
Carbazole	0.978	1.063	0.050	8.7006	40.0
Di-n-butylphthalate	1.192	1.236	0.500	3.7319	25.0
Fluoranthene	1.163	1.250	0.400	7.4251	25.0
Pyrene	1.222	1.358	0.400	11.0806	25.0
Butylbenzylphthalate	0.539	0.561	0.100	4.093	40.0
3,3-Dichlorobenzidine	0.417	0.419	0.010	0.5154	40.0
Benzo (a) anthracene	1.358	1.424	0.300	4.8849	30.0
Chrysene	1.289	1.336	0.200	3.6206	30.0
Bis(2-ethylhexyl)phthalate	0.810	0.846	0.200	4.5371	40.0
Di-n-octyl phthalate	1.153	1.323	0.010	14.7694	40.0
Benzo (b) fluoranthene	1.125	1.253	0.200	11.3362	25.0
Benzo (k) fluoranthene	1.132	1.247	0.200	10.169	25.0
Benzo (a) pyrene	1.123	1.171	0.200	4.3212	20.0
Indeno (1,2,3-cd) pyrene	1.393	1.274	0.200	-8.5547	25.0
Dibenzo (a,h) anthracene	1.143	1.052	0.200	-8.0244	30.0
Benzo (g,h,i) perylene	1.122	0.992	0.200	-11.6139	30.0
2,3,4,6-Tetrachlorophenol	0.334	0.342	0.040	2.5304	20.0
1,4-Dioxane-d8	0.428	0.421	0.010	-1.6556	25.0
Pyridine-d5	1.233	1.277	0.010	3.601	40.0
Phenol-d5	1.687	1.684	0.010	-0.171	25.0
Bis- (2-Chloroethyl) ether-d8	0.982	1.005	0.050	2.4282	25.0
2-Chlorophenol-d4	1.314	1.353	0.200	3.0295	20.0
4-Methylphenol-d8	1.419	1.407	0.010	-0.8395	20.0

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Lab Name: CHEMTECH Contract: _____
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 Instrument ID: BNA_N Calibration Date/Time: 4/24/2024 1:18:50
 Lab File ID: BN031194.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020380 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.154	0.050	6.8228	20.0
2-Nitrophenol-d4	0.149	0.155	0.050	3.6071	30.0
2,4-Dichlorophenol-d3	0.295	0.311	0.060	5.7079	20.0
4-Chloroaniline-d4	0.460	0.468	0.010	1.7737	40.0
Dimethylphthalate-d6	1.392	1.385	0.300	-0.4798	20.0
Acenaphthylene-d8	1.577	1.654	0.400	4.8915	20.0
4-Nitrophenol-d4	0.290	0.279	0.010	-3.98	40.0
Fluorene-d10	1.212	1.250	0.100	3.2067	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.088	0.010	-12.801	40.0
Anthracene-d10	0.867	0.900	0.300	3.8649	20.0
Pyrene-d10	0.983	1.071	0.300	8.9476	25.0
Benzo(a)pyrene-d12	0.948	0.979	0.010	3.2112	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN042424 SAS No.: BN042424 SDG No.: BN042424

Instrument ID: BNA_N Calibration Date/Time: 4/25/2024 1:04:47

Lab File ID: BN031208.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020381 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.454	0.449	0.010	-1.0779	40.0
Benzaldehyde	0.828	1.036	0.010	25.0881	40.0
Pyridine	1.244	1.247	0.010	0.2688	40.0
Phenol	1.739	1.804	0.080	3.7398	20.0
Bis(2-Chloroethyl) ether	1.372	1.437	0.100	4.6696	20.0
2-Chlorophenol	1.365	1.470	0.200	7.6542	20.0
2-Methylphenol	1.348	1.393	0.010	3.3764	20.0
2,2-oxybis(1-Chloropropane)	1.789	1.872	0.010	4.6066	40.0
Acetophenone	2.198	2.243	0.060	2.0199	20.0
4-Methylphenol	1.510	1.555	0.010	2.9937	20.0
N-Nitroso-di-n-propylamine	1.096	1.110	0.050	1.3202	30.0
Hexachloroethane	0.567	0.592	0.100	4.521	20.0
Nitrobenzene	0.339	0.364	0.050	7.4185	25.0
Isophorone	0.692	0.702	0.050	1.4041	25.0
2-Nitrophenol	0.165	0.185	0.050	12.0679	25.0
2,4-Dimethylphenol	0.337	0.346	0.050	2.6992	25.0
Bis(2-Chloroethoxy) methane	0.420	0.430	0.050	2.1685	20.0
2,4-Dichlorophenol	0.294	0.314	0.060	6.8189	20.0
Naphthalene	1.037	1.075	0.200	3.6921	20.0
4-Chloroaniline	0.447	0.456	0.010	1.871	40.0
Hexachlorobutadiene	0.179	0.188	0.040	4.9096	30.0
Caprolactam	0.116	0.113	0.010	-2.802	40.0
4-Chloro-3-methylphenol	0.341	0.360	0.040	5.4902	25.0
1-Methylnaphthalene	0.740	0.755	0.100	2.0259	20.0
2-Methylnaphthalene	0.731	0.751	0.100	2.7744	20.0
Hexachlorocyclopentadiene	0.287	0.239	0.010	-16.7685	40.0
2,4,6-Trichlorophenol	0.348	0.389	0.090	11.8054	25.0
2,4,5-Trichlorophenol	0.386	0.420	0.100	8.6212	25.0
1,1-Biphenyl	1.376	1.440	0.200	4.685	20.0
2-Chloronaphthalene	1.099	1.159	0.300	5.4492	20.0
2-Nitroaniline	0.303	0.341	0.050	12.2841	40.0
Dimethylphthalate	1.436	1.477	0.300	2.8635	20.0
2,6-Dinitrotoluene	0.270	0.299	0.080	11.0771	30.0
Acenaphthylene	1.842	1.949	0.400	5.8004	20.0
3-Nitroaniline	0.309	0.343	0.010	10.911	40.0
Acenaphthene	1.221	1.277	0.200	4.597	20.0
2,4-Dinitrophenol	0.152	0.132	0.010	-13.3099	40.0
4-Nitrophenol	0.236	0.237	0.010	0.707	40.0
Dibenzofuran	1.689	1.774	0.300	5.0882	20.0

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Instrument ID: BNA_N Calibration Date/Time: 4/25/2024 1:04:47

Lab File ID: BN031208.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020381 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.410	0.454	0.070	10.9577	30.0
Diethylphthalate	1.477	1.503	0.300	1.7928	20.0
Fluorene	1.390	1.422	0.200	2.3695	20.0
4-Chlorophenyl-phenylether	0.662	0.684	0.100	3.3931	20.0
4-Nitroaniline	0.334	0.385	0.010	15.277	40.0
4,6-Dinitro-2-methylphenol	0.108	0.109	0.010	0.651	40.0
N-Nitrosodiphenylamine	0.536	0.566	0.050	5.6364	20.0
1,2,4,5-Tetrachlorobenzene	0.523	0.572	0.100	9.2531	20.0
4-Bromophenyl-phenylether	0.189	0.204	0.070	7.777	20.0
Hexachlorobenzene	0.218	0.243	0.050	11.3047	25.0
Atrazine	0.188	0.205	0.010	9.1342	25.0
Pentachlorophenol	0.142	0.156	0.010	10.1319	40.0
Phenanthrene	1.058	1.110	0.200	4.9567	20.0
Pentachlorobenzene	0.242	0.259	0.050	6.7962	20.0
Anthracene	1.071	1.122	0.200	4.8406	20.0
1,2,3,4-Tetrachlorobenzene	0.235	0.261	0.050	11.1089	20.0
Carbazole	0.978	1.054	0.050	7.8003	40.0
Di-n-butylphthalate	1.192	1.331	0.500	11.6696	25.0
Fluoranthene	1.163	1.308	0.400	12.4796	25.0
Pyrene	1.222	1.355	0.400	10.8667	25.0
Butylbenzylphthalate	0.539	0.622	0.100	15.3594	40.0
3,3-Dichlorobenzidine	0.417	0.439	0.010	5.3534	40.0
Benzo (a) anthracene	1.358	1.429	0.300	5.2556	30.0
Chrysene	1.289	1.328	0.200	3.0037	30.0
Bis(2-ethylhexyl)phthalate	0.810	0.905	0.200	11.7356	40.0
Di-n-octyl phthalate	1.153	1.485	0.010	28.7791	40.0
Benzo (b) fluoranthene	1.125	1.244	0.200	10.5844	25.0
Benzo (k) fluoranthene	1.132	1.247	0.200	10.1672	25.0
Benzo (a) pyrene	1.123	1.147	0.200	2.1719	20.0
Indeno (1,2,3-cd) pyrene	1.393	1.282	0.200	-7.959	25.0
Dibenzo (a,h) anthracene	1.143	1.059	0.200	-7.374	30.0
Benzo (g,h,i) perylene	1.122	1.017	0.200	-9.3361	30.0
2,3,4,6-Tetrachlorophenol	0.334	0.362	0.040	8.3847	20.0
1,4-Dioxane-d8	0.428	0.419	0.010	-2.0079	25.0
Pyridine-d5	1.233	1.265	0.010	2.6192	40.0
Phenol-d5	1.687	1.737	0.010	2.9579	25.0
Bis- (2-Chloroethyl) ether-d8	0.982	1.008	0.050	2.6566	25.0
2-Chlorophenol-d4	1.314	1.377	0.200	4.8364	20.0
4-Methylphenol-d8	1.419	1.436	0.010	1.2103	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN042424 SAS No.: BN042424 SDG No.: BN042424

Instrument ID: BNA_N Calibration Date/Time: 4/25/2024 1:04:47

Lab File ID: BN031208.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020381 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.156	0.050	8.874	20.0
2-Nitrophenol-d4	0.149	0.168	0.050	12.4539	30.0
2,4-Dichlorophenol-d3	0.295	0.320	0.060	8.5658	20.0
4-Chloroaniline-d4	0.460	0.470	0.010	2.1918	40.0
Dimethylphthalate-d6	1.392	1.430	0.300	2.7171	20.0
Acenaphthylene-d8	1.577	1.690	0.400	7.1302	20.0
4-Nitrophenol-d4	0.290	0.298	0.010	2.4845	40.0
Fluorene-d10	1.212	1.264	0.100	4.3357	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.102	0.010	1.4848	40.0
Anthracene-d10	0.867	0.933	0.300	7.626	20.0
Pyrene-d10	0.983	1.083	0.300	10.1828	25.0
Benzo(a)pyrene-d12	0.948	1.003	0.010	5.7517	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	SBLK461	SDG No.:	BN042424
Lab Sample ID:	PB160461BL	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
BN031195.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

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:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	SBLK461	SDG No.:	BN042424
Lab Sample ID:	PB160461BL	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
BN031195.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

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:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	SBLK461	SDG No.:	BN042424
Lab Sample ID:	PB160461BL	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
BN031195.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

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	4.997		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	26.644		20-120		67	SPK: -40
4165-62-2	Phenol-d5	25.913		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.446		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.214		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.599		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	26.422		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.769		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.535		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.312		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.892		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.112		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.665		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	27.13		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	SBLK461	SDG No.:	BN042424
Lab Sample ID:	PB160461BL	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
BN031195.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.658		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	28.189		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	29.467		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.158		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175840	7.628				
1146-65-2	Naphthalene-d8	833738	10.405				
15067-26-2	Acenaphthene-d10	559760	14.275				
1517-22-2	Phenanthrene-d10	1262688	17.028				
1719-03-5	Chrysene-d12	1299228	21.263				
1520-96-3	Perylene-d12	1332627	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0807	SDG No.:	BN042424
Lab Sample ID:	P2221-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BN031196.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.3	84	ug/Kg
100-52-7	Benzaldehyde	60	U	60	100	420	ug/Kg
110-86-1	Pyridine	15	U	15	210	420	ug/Kg
108-95-2	Phenol	57	U	57	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	420	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	53.6	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	100	420	ug/Kg
98-86-2	Acetophenone	74	U	74	100	420	ug/Kg
106-44-5	4-Methylphenol	52	U	52	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	47	U	47	53.6	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53.6	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53.6	210	ug/Kg
78-59-1	Isophorone	45	U	45	53.6	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	53.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	53.6	210	ug/Kg
91-20-3	Naphthalene	42	U	42	53.6	210	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	53.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	53.6	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	53.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	53.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	53.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	53.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0807	SDG No.:	BN042424
Lab Sample ID:	P2221-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BN031196.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	53.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	53.6	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.6	210	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	53.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	53.6	210	ug/Kg
208-96-8	Acenaphthylene	58	U	58	53.6	210	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	100	420	ug/Kg
83-32-9	Acenaphthene	63	U	63	53.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	420	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	420	ug/Kg
132-64-9	Dibenzofuran	50	U	50	53.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53.6	210	ug/Kg
84-66-2	Diethylphthalate	52	U	52	53.6	210	ug/Kg
86-73-7	Fluorene	73	U	73	53.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	53.6	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	53.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	53.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	53.6	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.6	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	420	ug/Kg
87-86-5	Pentachlorophenol	48	U	48	100	420	ug/Kg
85-01-8	Phenanthrene	67	U	67	53.6	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	53.6	210	ug/Kg
120-12-7	Anthracene	59	U	59	53.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.1	U	7.1	53.6	210	ug/Kg
86-74-8	Carbazole	77	U	77	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	53.6	210	ug/Kg
206-44-0	Fluoranthene	57	U	57	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0807	SDG No.:	BN042424
Lab Sample ID:	P2221-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BN031196.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	53.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	54	U	54	53.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.6	210	ug/Kg
218-01-9	Chrysene	58	U	58	53.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	53.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	60	U	60	53.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	73	U	73	53.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	72	U	72	53.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57	U	57	53.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	U	66	53.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	58	53.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	53.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.66		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	23.448		20-120		59	SPK: -40
4165-62-2	Phenol-d5	25.951		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.664		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.143		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.575		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	27.136		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.011		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.991		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.681		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.328		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	27.7		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.927		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	28.203		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0807	SDG No.:	BN042424
Lab Sample ID:	P2221-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BN031196.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.227		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	28.713		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	29.259		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.595		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175739	7.628				
1146-65-2	Naphthalene-d8	817343	10.41				
15067-26-2	Acenaphthene-d10	558480	14.274				
1517-22-2	Phenanthrene-d10	1272689	17.027				
1719-03-5	Chrysene-d12	1395741	21.262				
1520-96-3	Perylene-d12	1449074	24.162				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	110	J			3.41	
000057-10-3	n-Hexadecanoic acid	110	J			17.927	
	(DEL) Alkane: Cyclic	87	J			20.956	
E966796	Total Alkanes	87				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0808	SDG No.:	BN042424
Lab Sample ID:	P2221-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031197.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	97	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	97	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97	390	ug/Kg
98-86-2	Acetophenone	69	U	69	97	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	50	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50	200	ug/Kg
78-59-1	Isophorone	42	U	42	50	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0808	SDG No.:	BN042424
Lab Sample ID:	P2221-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031197.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	50	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	97	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50	200	ug/Kg
86-73-7	Fluorene	68	U	68	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97	390	ug/Kg
85-01-8	Phenanthrene	62	U	62	50	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	50	200	ug/Kg
120-12-7	Anthracene	55	U	55	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50	200	ug/Kg
86-74-8	Carbazole	72	U	72	97	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	97	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0808	SDG No.:	BN042424
Lab Sample ID:	P2221-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031197.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	97	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50	200	ug/Kg
218-01-9	Chrysene	54	U	54	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	67	U	67	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.516		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	16.991		20-120		42	SPK: -40
4165-62-2	Phenol-d5	20.043		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.125		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.214		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.095		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	20.971		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.606		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.912		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.571		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.083		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.661		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.328		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	23.2		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0808	SDG No.:	BN042424
Lab Sample ID:	P2221-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031197.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.147		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	24.466		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	25.023		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.276		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	147585	7.628				
1146-65-2	Naphthalene-d8	697234	10.404				
15067-26-2	Acenaphthene-d10	482211	14.275				
1517-22-2	Phenanthrene-d10	1074177	17.028				
1719-03-5	Chrysene-d12	1176460	21.263				
1520-96-3	Perylene-d12	1246412	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	96	J			17.927	
077899-03-7	1-Heneicosyl formate	110	J			20.957	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0809	SDG No.:	BN042424
Lab Sample ID:	P2221-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
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
BN031198.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	97.5	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	53	U	53	97.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.5	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.2	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.5	390	ug/Kg
98-86-2	Acetophenone	70	U	70	97.5	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.2	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.2	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.2	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.2	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.2	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.2	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.2	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.2	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	50.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0809	SDG No.:	BN042424
Lab Sample ID:	P2221-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
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
BN031198.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.2	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.2	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.2	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	50.2	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	97.5	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.5	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.5	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.2	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50.2	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.2	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.2	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.2	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.5	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.5	390	ug/Kg
85-01-8	Phenanthrene	63	U	63	50.2	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.2	200	ug/Kg
120-12-7	Anthracene	56	U	56	50.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50.2	200	ug/Kg
86-74-8	Carbazole	72	U	72	97.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50.2	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	97.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0809	SDG No.:	BN042424
Lab Sample ID:	P2221-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
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
BN031198.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	50.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	97.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.2	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	50.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	50.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	67	U	67	50.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	50.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	50.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	50.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	50.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.939		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	22.516		20-120		56	SPK: -40
4165-62-2	Phenol-d5	27.53		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.598		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.611		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	27.118		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	28.839		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.681		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.4		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.666		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.913		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	29.128		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.15		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	29.028		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0809	SDG No.:	BN042424
Lab Sample ID:	P2221-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
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
BN031198.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.979		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	30.23		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	29.924		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.504		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	185959	7.628				
1146-65-2	Naphthalene-d8	856527	10.404				
15067-26-2	Acenaphthene-d10	571448	14.275				
1517-22-2	Phenanthrene-d10	1264410	17.028				
1719-03-5	Chrysene-d12	1423581	21.263				
1520-96-3	Perylene-d12	1536688	24.162				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	140	J			3.411	
000057-10-3	n-Hexadecanoic acid	98	J			17.927	
1000406-04-8	Pentadecafluorooctanoic acid, octa	110	J			20.957	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0809MS	SDG No.:	BN042424
Lab Sample ID:	P2221-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.04 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
BN031199.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	390		14	7.8	79	ug/Kg
100-52-7	Benzaldehyde	1500		57	97.7	390	ug/Kg
110-86-1	Pyridine	1300		14	200	390	ug/Kg
108-95-2	Phenol	1500		53	97.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		41	97.7	390	ug/Kg
95-57-8	2-Chlorophenol	1500		26	50.3	200	ug/Kg
95-48-7	2-Methylphenol	1500		46	97.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		34	97.7	390	ug/Kg
98-86-2	Acetophenone	1400		70	97.7	390	ug/Kg
106-44-5	4-Methylphenol	1500		49	97.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		44	50.3	200	ug/Kg
67-72-1	Hexachloroethane	1300		19	50.3	200	ug/Kg
98-95-3	Nitrobenzene	1500		32	50.3	200	ug/Kg
78-59-1	Isophorone	1400		43	50.3	200	ug/Kg
88-75-5	2-Nitrophenol	1500		36	50.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		10	50.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		37	50.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		40	50.3	200	ug/Kg
91-20-3	Naphthalene	1400		39	50.3	200	ug/Kg
106-47-8	4-Chloroaniline	1200		52	50.3	390	ug/Kg
87-68-3	Hexachlorobutadiene	1400		31	50.3	200	ug/Kg
105-60-2	Caprolactam	1500		47	97.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		43	50.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	1400		23	50.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	1400		44	50.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000		23	97.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		59	50.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		58	50.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0809MS	SDG No.:	BN042424
Lab Sample ID:	P2221-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.04 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
BN031199.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400		54	50.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	1400		52	50.3	200	ug/Kg
88-74-4	2-Nitroaniline	1600		26	50.3	200	ug/Kg
131-11-3	Dimethylphthalate	1400		45	50.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		31	50.3	200	ug/Kg
208-96-8	Acenaphthylene	1400		54	50.3	200	ug/Kg
99-09-2	3-Nitroaniline	1500		17	97.7	390	ug/Kg
83-32-9	Acenaphthene	1400		59	50.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	1300		38	97.7	390	ug/Kg
100-02-7	4-Nitrophenol	1500		13	97.7	390	ug/Kg
132-64-9	Dibenzofuran	1400		47	50.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		15	50.3	200	ug/Kg
84-66-2	Diethylphthalate	1400		49	50.3	200	ug/Kg
86-73-7	Fluorene	1400		69	50.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		57	50.3	200	ug/Kg
100-01-6	4-Nitroaniline	1600		19	97.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		46	97.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500		53	50.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		53	50.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		120	50.3	200	ug/Kg
118-74-1	Hexachlorobenzene	1500		59	50.3	200	ug/Kg
1912-24-9	Atrazine	1400		13	97.7	390	ug/Kg
87-86-5	Pentachlorophenol	1500		45	97.7	390	ug/Kg
85-01-8	Phenanthrene	1400		63	50.3	200	ug/Kg
608-93-5	Pentachlorobenzene	1400		43	50.3	200	ug/Kg
120-12-7	Anthracene	1400		56	50.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1500		6.6	50.3	200	ug/Kg
86-74-8	Carbazole	1500		72	97.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	1500		68	50.3	200	ug/Kg
206-44-0	Fluoranthene	1500		53	97.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0809MS	SDG No.:	BN042424
Lab Sample ID:	P2221-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.04 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
BN031199.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		54	50.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	1600		51	50.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		30	97.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	1500		46	50.3	200	ug/Kg
218-01-9	Chrysene	1500		54	50.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		51	50.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		51	97.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		57	50.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		69	50.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	1300		68	50.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		53	50.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		62	50.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		54	50.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		62	50.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.557		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	22.991		20-120		57	SPK: -40
4165-62-2	Phenol-d5	30.456		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.418		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.116		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	30.91		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	31.806		10-135		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.584		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.716		10-140		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.516		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.868		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	32.63		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.85		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	31.613		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0809MS	SDG No.:	BN042424
Lab Sample ID:	P2221-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.04 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
BN031199.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.345		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	32.04		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	34.489		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.496		10-140		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	177435	7.628				
1146-65-2	Naphthalene-d8	819601	10.41				
15067-26-2	Acenaphthene-d10	562276	14.275				
1517-22-2	Phenanthrene-d10	1259431	17.027				
1719-03-5	Chrysene-d12	1316132	21.263				
1520-96-3	Perylene-d12	1491482	24.162				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0809MSD	SDG No.:	BN042424
Lab Sample ID:	P2221-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031200.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	380		14	7.8	79	ug/Kg
100-52-7	Benzaldehyde	1400		57	97.8	390	ug/Kg
110-86-1	Pyridine	1200		14	200	390	ug/Kg
108-95-2	Phenol	1400		53	97.8	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		41	97.8	390	ug/Kg
95-57-8	2-Chlorophenol	1400		26	50.4	200	ug/Kg
95-48-7	2-Methylphenol	1400		46	97.8	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		34	97.8	390	ug/Kg
98-86-2	Acetophenone	1300		70	97.8	390	ug/Kg
106-44-5	4-Methylphenol	1400		49	97.8	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		44	50.4	200	ug/Kg
67-72-1	Hexachloroethane	1300		19	50.4	200	ug/Kg
98-95-3	Nitrobenzene	1400		32	50.4	200	ug/Kg
78-59-1	Isophorone	1300		43	50.4	200	ug/Kg
88-75-5	2-Nitrophenol	1500		36	50.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		10	50.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		37	50.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		40	50.4	200	ug/Kg
91-20-3	Naphthalene	1300		39	50.4	200	ug/Kg
106-47-8	4-Chloroaniline	1100		52	50.4	390	ug/Kg
87-68-3	Hexachlorobutadiene	1300		31	50.4	200	ug/Kg
105-60-2	Caprolactam	1400		47	97.8	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		43	50.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	1300		23	50.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	1300		44	50.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	960		23	97.8	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		59	50.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		58	50.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0809MSD	SDG No.:	BN042424
Lab Sample ID:	P2221-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031200.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400		55	50.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	1400		52	50.4	200	ug/Kg
88-74-4	2-Nitroaniline	1500		26	50.4	200	ug/Kg
131-11-3	Dimethylphthalate	1300		45	50.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		31	50.4	200	ug/Kg
208-96-8	Acenaphthylene	1400		55	50.4	200	ug/Kg
99-09-2	3-Nitroaniline	1500		17	97.8	390	ug/Kg
83-32-9	Acenaphthene	1300		59	50.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		38	97.8	390	ug/Kg
100-02-7	4-Nitrophenol	1400		13	97.8	390	ug/Kg
132-64-9	Dibenzofuran	1400		47	50.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		15	50.4	200	ug/Kg
84-66-2	Diethylphthalate	1300		49	50.4	200	ug/Kg
86-73-7	Fluorene	1300		69	50.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		57	50.4	200	ug/Kg
100-01-6	4-Nitroaniline	1500		19	97.8	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		46	97.8	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		53	50.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		53	50.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		120	50.4	200	ug/Kg
118-74-1	Hexachlorobenzene	1400		59	50.4	200	ug/Kg
1912-24-9	Atrazine	1400		13	97.8	390	ug/Kg
87-86-5	Pentachlorophenol	1400		45	97.8	390	ug/Kg
85-01-8	Phenanthrene	1400		63	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	1400		43	50.4	200	ug/Kg
120-12-7	Anthracene	1300		56	50.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1500		6.6	50.4	200	ug/Kg
86-74-8	Carbazole	1400		72	97.8	390	ug/Kg
84-74-2	Di-n-butylphthalate	1400		68	50.4	200	ug/Kg
206-44-0	Fluoranthene	1400		53	97.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0809MSD	SDG No.:	BN042424
Lab Sample ID:	P2221-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031200.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		55	50.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	1600		51	50.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		30	97.8	390	ug/Kg
56-55-3	Benzo(a)anthracene	1400		46	50.4	200	ug/Kg
218-01-9	Chrysene	1400		55	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		51	50.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		51	97.8	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		57	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		69	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	1300		68	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		53	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		62	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		55	50.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		62	50.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.298		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	21.833		20-120		55	SPK: -40
4165-62-2	Phenol-d5	29.507		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.378		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.642		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	29.214		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	30.346		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.161		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.846		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.134		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.962		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.883		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.03		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	30.169		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	4/22/2024 12:00:00 AM
Project:		Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	E0809MSD	SDG No.:	BN042424
Lab Sample ID:	P2221-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031200.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.401		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	30.627		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	32.118		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.724		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192524	7.628				
1146-65-2	Naphthalene-d8	905850	10.41				
15067-26-2	Acenaphthene-d10	603312	14.275				
1517-22-2	Phenanthrene-d10	1341601	17.028				
1719-03-5	Chrysene-d12	1414604	21.263				
1520-96-3	Perylene-d12	1663445	24.163				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	55	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BN042424
Lab Sample ID:	P2104-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031201.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.7	77	ug/Kg
100-52-7	Benzaldehyde	56	U	56	95.8	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	95.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	95.8	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.4	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.8	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	95.8	380	ug/Kg
98-86-2	Acetophenone	100	J	69	95.8	380	ug/Kg
106-44-5	4-Methylphenol	48	U	48	95.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.4	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.4	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.4	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.4	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.9	U	9.9	49.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	49.4	200	ug/Kg
91-20-3	Naphthalene	38	U	38	49.4	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.4	200	ug/Kg
105-60-2	Caprolactam	46	U	46	95.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	95.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BN042424
Lab Sample ID:	P2104-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031201.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	49.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.4	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.4	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.4	200	ug/Kg
208-96-8	Acenaphthylene	53	U	53	49.4	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	95.8	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	49.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	95.8	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	95.8	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	49.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.4	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.4	200	ug/Kg
86-73-7	Fluorene	67	U	67	49.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.4	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	95.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	95.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.4	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.4	200	ug/Kg
1912-24-9	Atrazine	13	U	13	95.8	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	95.8	380	ug/Kg
85-01-8	Phenanthrene	120	J	62	49.4	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.4	200	ug/Kg
120-12-7	Anthracene	55	U	55	49.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.4	200	ug/Kg
86-74-8	Carbazole	71	U	71	95.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.4	200	ug/Kg
206-44-0	Fluoranthene	160	J	52	95.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BN042424
Lab Sample ID:	P2104-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031201.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	J	53	49.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	95.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	61	J	45	49.4	200	ug/Kg
218-01-9	Chrysene	64	J	53	49.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	95.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	80	J	56	49.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	67	U	67	49.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	49.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	49.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	49.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	49.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	49.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.218		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	7.431	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	17.023		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.349		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.42		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	11.478		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	18.606		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.221		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.336		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.594		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.804		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	19.057		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.192		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	19.705		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AB0	SDG No.:	BN042424
Lab Sample ID:	P2104-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031201.D	1	4/23/2024 12:00:00 AM	4/24/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.506		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	19.385		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	21.562		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.34		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151736	7.628				
1146-65-2	Naphthalene-d8	715357	10.404				
15067-26-2	Acenaphthene-d10	494278	14.275				
1517-22-2	Phenanthrene-d10	1115154	17.022				
1719-03-5	Chrysene-d12	1210234	21.263				
1520-96-3	Perylene-d12	1361430	24.162				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			17.927	
1000309-38-1	Oxalic acid, isobutyl hexadecyl es	110	J			20.951	
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC6	SDG No.:	BN042424
Lab Sample ID:	P2104-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031202.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.3	84	ug/Kg
100-52-7	Benzaldehyde	60	U	60	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	210	410	ug/Kg
108-95-2	Phenol	57	U	57	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	53.4	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	99	J	74	100	410	ug/Kg
106-44-5	4-Methylphenol	52	U	52	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	53.4	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53.4	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53.4	210	ug/Kg
78-59-1	Isophorone	45	U	45	53.4	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	53.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	53.4	210	ug/Kg
91-20-3	Naphthalene	41	U	41	53.4	210	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	53.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	53.4	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	53.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	53.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	53.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	53.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	53.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC6	SDG No.:	BN042424
Lab Sample ID:	P2104-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031202.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	53.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	53.4	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.4	210	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	53.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	53.4	210	ug/Kg
208-96-8	Acenaphthylene	58	U	58	53.4	210	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	100	410	ug/Kg
83-32-9	Acenaphthene	63	U	63	53.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	50	U	50	53.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53.4	210	ug/Kg
84-66-2	Diethylphthalate	52	U	52	53.4	210	ug/Kg
86-73-7	Fluorene	73	U	73	53.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	53.4	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	53.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	53.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	53.4	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.4	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	48	U	48	100	410	ug/Kg
85-01-8	Phenanthrene	67	U	67	53.4	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	53.4	210	ug/Kg
120-12-7	Anthracene	59	U	59	53.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7	U	7	53.4	210	ug/Kg
86-74-8	Carbazole	77	U	77	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	53.4	210	ug/Kg
206-44-0	Fluoranthene	57	U	57	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC6	SDG No.:	BN042424
Lab Sample ID:	P2104-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031202.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	53.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	54	U	54	53.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.4	210	ug/Kg
218-01-9	Chrysene	58	U	58	53.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	53.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	60	U	60	53.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	73	U	73	53.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	72	U	72	53.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57	U	57	53.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	U	65	53.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	58	53.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	53.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.427		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	12.435		20-120		31	SPK: -40
4165-62-2	Phenol-d5	20.169		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.437		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.895		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	16.509		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	20.88		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.02		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.857		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.551		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	21		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.684		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.153		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	21.91		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC6	SDG No.:	BN042424
Lab Sample ID:	P2104-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031202.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.991		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	22.175		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	24.452		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.842		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	213687	7.628				
1146-65-2	Naphthalene-d8	1008377	10.404				
15067-26-2	Acenaphthene-d10	683371	14.275				
1517-22-2	Phenanthrene-d10	1533438	17.028				
1719-03-5	Chrysene-d12	1681950	21.263				
1520-96-3	Perylene-d12	1834659	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			17.927	
000301-02-0	9-Octadecenamide, (Z)-	510	J			20.369	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC8	SDG No.:	BN042424
Lab Sample ID:	P2104-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
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
BN031203.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	97.3	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	97.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.3	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.1	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.3	390	ug/Kg
98-86-2	Acetophenone	110	J	70	97.3	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.1	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.1	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.1	200	ug/Kg
78-59-1	Isophorone	42	U	42	50.1	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.1	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.1	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.1	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	50.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	50.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC8	SDG No.:	BN042424
Lab Sample ID:	P2104-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
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
BN031203.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.1	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.1	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.1	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	50.1	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	97.3	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.3	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.3	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.1	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50.1	200	ug/Kg
86-73-7	Fluorene	68	U	68	50.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.1	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.1	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.1	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.3	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.3	390	ug/Kg
85-01-8	Phenanthrene	63	U	63	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	50.1	200	ug/Kg
120-12-7	Anthracene	55	U	55	50.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50.1	200	ug/Kg
86-74-8	Carbazole	72	U	72	97.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50.1	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	97.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC8	SDG No.:	BN042424
Lab Sample ID:	P2104-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
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
BN031203.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	50.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	97.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.1	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	67	U	67	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	50.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	50.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	50.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.104		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	6.533	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	19.44		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.292		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.388		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	14.965		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	20.288		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.043		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.039		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.048		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.326		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	22.824		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.165		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	22.711		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC8	SDG No.:	BN042424
Lab Sample ID:	P2104-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
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
BN031203.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.626		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	23.362		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	23.33		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.467		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149797	7.628				
1146-65-2	Naphthalene-d8	696757	10.41				
15067-26-2	Acenaphthene-d10	465996	14.275				
1517-22-2	Phenanthrene-d10	987036	17.028				
1719-03-5	Chrysene-d12	1147913	21.263				
1520-96-3	Perylene-d12	1359564	24.162				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	120	J			14.098	
000078-42-2	Phosphoric acid, tris(2-ethylhexyl	1400	J			20.698	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC9	SDG No.:	BN042424
Lab Sample ID:	P2104-17	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
BN031204.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	97.4	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	97.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.4	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.2	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.4	390	ug/Kg
98-86-2	Acetophenone	100	J	70	97.4	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.2	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.2	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.2	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.2	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.2	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.2	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.2	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.2	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	50.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC9	SDG No.:	BN042424
Lab Sample ID:	P2104-17	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
BN031204.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.2	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.2	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.2	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	50.2	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	97.4	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.4	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.4	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.2	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50.2	200	ug/Kg
86-73-7	Fluorene	68	U	68	50.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.2	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.2	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.2	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.4	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.4	390	ug/Kg
85-01-8	Phenanthrene	63	U	63	50.2	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.2	200	ug/Kg
120-12-7	Anthracene	56	U	56	50.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50.2	200	ug/Kg
86-74-8	Carbazole	72	U	72	97.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50.2	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	97.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC9	SDG No.:	BN042424
Lab Sample ID:	P2104-17	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
BN031204.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	50.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	97.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.2	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	77	J	57	50.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	50.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	67	U	67	50.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	50.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	50.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	50.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	50.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.894		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	9.61		20-120		24	SPK: -40
4165-62-2	Phenol-d5	19.543		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.762		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.29		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	17.357		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	20.13		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.137		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.516		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.687		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.033		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.277		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.375		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	21.945		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AC9	SDG No.:	BN042424
Lab Sample ID:	P2104-17	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
BN031204.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.757		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	22.267		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	23.249		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.36		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153281	7.628				
1146-65-2	Naphthalene-d8	722084	10.41				
15067-26-2	Acenaphthene-d10	488857	14.275				
1517-22-2	Phenanthrene-d10	1118955	17.022				
1719-03-5	Chrysene-d12	1273843	21.263				
1520-96-3	Perylene-d12	1501478	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	100	J			17.927	
	(DEL) Alkane: Cyclic	20.951	J			20.951	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL7	SDG No.:	BN042424
Lab Sample ID:	P2104-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031205.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	76	ug/Kg
100-52-7	Benzaldehyde	55	U	55	94.4	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	51	U	51	94.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.4	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.6	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.4	380	ug/Kg
98-86-2	Acetophenone	93	J	68	94.4	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.6	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.6	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.6	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.7	U	9.7	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.6	190	ug/Kg
91-20-3	Naphthalene	38	U	38	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.6	190	ug/Kg
105-60-2	Caprolactam	46	U	46	94.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL7	SDG No.:	BN042424
Lab Sample ID:	P2104-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031205.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.6	190	ug/Kg
208-96-8	Acenaphthylene	53	U	53	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.4	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.4	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.4	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.6	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.6	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.6	190	ug/Kg
1912-24-9	Atrazine	13	U	13	94.4	380	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	94.4	380	ug/Kg
85-01-8	Phenanthrene	61	U	61	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.6	190	ug/Kg
120-12-7	Anthracene	54	U	54	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.6	190	ug/Kg
86-74-8	Carbazole	70	U	70	94.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.6	190	ug/Kg
206-44-0	Fluoranthene	51	U	51	94.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL7	SDG No.:	BN042424
Lab Sample ID:	P2104-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031205.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	48.6	190	ug/Kg
218-01-9	Chrysene	53	U	53	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	65	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.976		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	5.984	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	16.996		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.004		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.335		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	13.445		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	18.689		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.99		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.564		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.547		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.377		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	19.728		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.884		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	19.793		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL7	SDG No.:	BN042424
Lab Sample ID:	P2104-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031205.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.405		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	20.602		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	20.583		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.89		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	177268	7.628				
1146-65-2	Naphthalene-d8	821434	10.404				
15067-26-2	Acenaphthene-d10	554602	14.275				
1517-22-2	Phenanthrene-d10	1158341	17.028				
1719-03-5	Chrysene-d12	1319146	21.263				
1520-96-3	Perylene-d12	1593035	24.157				
TENTATIVE IDENTIFIED COMPOUNDS							
000078-42-2	Phosphoric acid, tris(2-ethylhexyl)	530	J			20.698	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	110	J			20.957	
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL8	SDG No.:	BN042424
Lab Sample ID:	P2104-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BN031206.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	76	ug/Kg
100-52-7	Benzaldehyde	55	U	55	94.5	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	94.5	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.5	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.7	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.5	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.5	380	ug/Kg
98-86-2	Acetophenone	68	U	68	94.5	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.5	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.7	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.7	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.7	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.7	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.7	U	9.7	48.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	48.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.7	190	ug/Kg
91-20-3	Naphthalene	38	U	38	48.7	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.7	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.7	190	ug/Kg
105-60-2	Caprolactam	46	U	46	94.5	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.5	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.7	190	ug/Kg



Client:				Date Collected:	4/10/2024 12:00:00 AM	
Project:				Date Received:	4/10/2024 12:00:00 AM	
Client Sample ID:	C0AL8			SDG No.:	BN042424	
Lab Sample ID:	P2104-21			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	13	
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
BN031206.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.7	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.7	190	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	48.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.7	190	ug/Kg
208-96-8	Acenaphthylene	98	J	53	48.7	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.5	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.5	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.5	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.7	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.7	190	ug/Kg
86-73-7	Fluorene	85	J	66	48.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.7	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.5	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.5	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	48.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	48.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.7	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.7	190	ug/Kg
1912-24-9	Atrazine	13	U	13	94.5	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	94.5	380	ug/Kg
85-01-8	Phenanthrene	570		61	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.7	190	ug/Kg
120-12-7	Anthracene	170	J	54	48.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.7	190	ug/Kg
86-74-8	Carbazole	70	U	70	94.5	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.7	190	ug/Kg
206-44-0	Fluoranthene	730		52	94.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL8	SDG No.:	BN042424
Lab Sample ID:	P2104-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BN031206.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	630		53	48.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.5	380	ug/Kg
56-55-3	Benzo(a)anthracene	460		45	48.7	190	ug/Kg
218-01-9	Chrysene	500		53	48.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.5	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	590		55	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	210		66	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	370		65	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	52	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	53	48.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	48.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.063		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	14.291		20-120		36	SPK: -40
4165-62-2	Phenol-d5	20.064		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.826		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.175		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	19.543		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	20.842		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.023		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.783		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.258		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.189		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	22.129		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.78		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	22.502		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AL8	SDG No.:	BN042424
Lab Sample ID:	P2104-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BN031206.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.486		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	22.528		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	23.332		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.82		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175838	7.628				
1146-65-2	Naphthalene-d8	808922	10.404				
15067-26-2	Acenaphthene-d10	541882	14.275				
1517-22-2	Phenanthrene-d10	1149130	17.028				
1719-03-5	Chrysene-d12	1224901	21.263				
1520-96-3	Perylene-d12	1384086	24.163				
TENTATIVE IDENTIFIED COMPOUNDS							
000078-42-2	Phosphoric acid, tris(2-ethylhexyl	770	J			20.698	
027208-37-3	Cyclopenta[cd]pyrene	85	J			20.957	
000192-97-2	Benzo[e]pyrene	180	J			23.892	
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	SLCS461	SDG No.:	BN042424
Lab Sample ID:	PB160461BS	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
BN031207.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	280		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1000		48	82.5	330	ug/Kg
110-86-1	Pyridine	890		12	170	330	ug/Kg
108-95-2	Phenol	930		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	890		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	950		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	900		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	880		29	82.5	330	ug/Kg
98-86-2	Acetophenone	870		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	900		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	850		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	900		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	920		27	42.5	170	ug/Kg
78-59-1	Isophorone	860		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	980		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	800		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	870		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	960		34	42.5	170	ug/Kg
91-20-3	Naphthalene	900		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	790		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	900		26	42.5	170	ug/Kg
105-60-2	Caprolactam	880		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	930		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	900		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	890		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	570		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	950		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	940		49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	SLCS461	SDG No.:	BN042424
Lab Sample ID:	PB160461BS	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
BN031207.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	900		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	890		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	970		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	870		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	940		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	890		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	930		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	880		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	770		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	910		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	890		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	950		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	880		41	42.5	170	ug/Kg
86-73-7	Fluorene	880		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	870		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1000		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	850		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	910		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	930		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	870		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	910		50	42.5	170	ug/Kg
1912-24-9	Atrazine	890		11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	960		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	890		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	900		36	42.5	170	ug/Kg
120-12-7	Anthracene	890		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	940		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	950		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	940		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	960		45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	SLCS461	SDG No.:	BN042424
Lab Sample ID:	PB160461BS	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
BN031207.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	980		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	920		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	900		39	42.5	170	ug/Kg
218-01-9	Chrysene	920		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	960		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	990		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	970		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	830		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	840		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	830		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	800		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.852		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	26.811		20-120		67	SPK: -40
4165-62-2	Phenol-d5	28.266		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.535		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.432		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.342		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	29.404		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.849		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.263		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.254		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.001		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	28.509		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.831		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	27.551		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	SLCS461	SDG No.:	BN042424
Lab Sample ID:	PB160461BS	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
BN031207.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.131		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	28.585		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	29.243		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.489		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159017	7.628				
1146-65-2	Naphthalene-d8	732600	10.404				
15067-26-2	Acenaphthene-d10	500951	14.274				
1517-22-2	Phenanthrene-d10	1120611	17.027				
1719-03-5	Chrysene-d12	1211984	21.262				
1520-96-3	Perylene-d12	1418685	24.162				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	SBLK442	SDG No.:	BN042424
Lab Sample ID:	PB160442BL	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
BN031209.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

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:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	SBLK442	SDG No.:	BN042424
Lab Sample ID:	PB160442BL	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
BN031209.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

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:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	SBLK442	SDG No.:	BN042424
Lab Sample ID:	PB160442BL	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
BN031209.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

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	5.061		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	25.55		20-120		64	SPK: -40
4165-62-2	Phenol-d5	25.403		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.836		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.724		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	25.478		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	26.957		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.931		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.277		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.111		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.766		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.854		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.205		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	26.348		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	4/23/2024 12:00:00 AM
Project:		Date Received:	4/23/2024 12:00:00 AM
Client Sample ID:	SBLK442	SDG No.:	BN042424
Lab Sample ID:	PB160442BL	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
BN031209.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.334		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	26.638		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	27.568		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.09		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192258	7.628				
1146-65-2	Naphthalene-d8	903776	10.404				
15067-26-2	Acenaphthene-d10	624787	14.275				
1517-22-2	Phenanthrene-d10	1418697	17.028				
1719-03-5	Chrysene-d12	1462698	21.263				
1520-96-3	Perylene-d12	1555068	24.162				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AA0	SDG No.:	BN042424
Lab Sample ID:	P2104-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031210.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

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	52.2	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	120	J	72	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:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AA0	SDG No.:	BN042424
Lab Sample ID:	P2104-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031210.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

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	57	U	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	65	U	65	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.2	210	ug/Kg
120-12-7	Anthracene	58	U	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	75	U	75	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.2	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AA0	SDG No.:	BN042424
Lab Sample ID:	P2104-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031210.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	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	48	U	48	52.2	210	ug/Kg
218-01-9	Chrysene	57	U	57	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	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	59	U	59	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	71	U	71	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	70	U	70	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	U	55	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	U	64	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	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	3.841		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	5.322	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	20.944		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.513		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.791		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	14.306		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	25.198		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.035		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.492		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.872		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.18		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.824		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.547		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	25.148		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AA0	SDG No.:	BN042424
Lab Sample ID:	P2104-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031210.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.779		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	24.834		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	27.893		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.941		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215776	7.628				
1146-65-2	Naphthalene-d8	994068	10.405				
15067-26-2	Acenaphthene-d10	672026	14.275				
1517-22-2	Phenanthrene-d10	1512035	17.028				
1719-03-5	Chrysene-d12	1563653	21.263				
1520-96-3	Perylene-d12	1627799	24.163				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	98	J			17.928	
	(DEL) Alkane: Straight-Chain	20.957	J			20.957	
	(DEL) Alkane: Cyclic	23.404	J			23.404	
	(DEL) Alkane: Straight-Chain	25.157	J			25.157	
E966796	Total Alkanes	420				99	ug/Kg



Client:			Date Collected:	4/9/2024 12:00:00 AM	
Project:			Date Received:	4/9/2024 12:00:00 AM	
Client Sample ID:	C0AA3		SDG No.:	BN042424	
Lab Sample ID:	P2104-02		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	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
BN031211.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.2	73	ug/Kg
100-52-7	Benzaldehyde	53	U	53	90.4	360	ug/Kg
110-86-1	Pyridine	13	U	13	180	360	ug/Kg
108-95-2	Phenol	49	U	49	90.4	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	90.4	360	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	46.5	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.4	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	90.4	360	ug/Kg
98-86-2	Acetophenone	65	U	65	90.4	360	ug/Kg
106-44-5	4-Methylphenol	45	U	45	90.4	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	46.5	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	46.5	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	46.5	190	ug/Kg
78-59-1	Isophorone	39	U	39	46.5	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	46.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.3	U	9.3	46.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34	U	34	46.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	37	U	37	46.5	190	ug/Kg
91-20-3	Naphthalene	36	U	36	46.5	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	46.5	360	ug/Kg
87-68-3	Hexachlorobutadiene	28	U	28	46.5	190	ug/Kg
105-60-2	Caprolactam	44	U	44	90.4	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39	U	39	46.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	46.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	46.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	90.4	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	46.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	46.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AA3	SDG No.:	BN042424
Lab Sample ID:	P2104-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BN031211.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	50	U	50	46.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	46.5	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.5	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	46.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	46.5	190	ug/Kg
208-96-8	Acenaphthylene	50	U	50	46.5	190	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	90.4	360	ug/Kg
83-32-9	Acenaphthene	55	U	55	46.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	90.4	360	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	90.4	360	ug/Kg
132-64-9	Dibenzofuran	44	U	44	46.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	46.5	190	ug/Kg
84-66-2	Diethylphthalate	45	U	45	46.5	190	ug/Kg
86-73-7	Fluorene	64	U	64	46.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	46.5	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	90.4	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	90.4	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	46.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	49	46.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	46.5	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	46.5	190	ug/Kg
1912-24-9	Atrazine	12	U	12	90.4	360	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	90.4	360	ug/Kg
85-01-8	Phenanthrene	200		58	46.5	190	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	46.5	190	ug/Kg
120-12-7	Anthracene	51	U	51	46.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.1	U	6.1	46.5	190	ug/Kg
86-74-8	Carbazole	67	U	67	90.4	360	ug/Kg
84-74-2	Di-n-butylphthalate	62	U	62	46.5	190	ug/Kg
206-44-0	Fluoranthene	590		49	90.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AA3	SDG No.:	BN042424
Lab Sample ID:	P2104-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BN031211.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	490		50	46.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	47	U	47	46.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	90.4	360	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	43	46.5	190	ug/Kg
218-01-9	Chrysene	220		50	46.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	U	47	46.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	47	U	47	90.4	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	360		53	46.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	64	46.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	220		62	46.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	49	46.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	46.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		50	46.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	46.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.836		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	9.055		20-120		23	SPK: -40
4165-62-2	Phenol-d5	17.887		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.61		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.825		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	16.145		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	19.471		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.871		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.433		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.274		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.07		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	20.006		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.802		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	20.185		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	4/9/2024 12:00:00 AM
Project:		Date Received:	4/9/2024 12:00:00 AM
Client Sample ID:	C0AA3	SDG No.:	BN042424
Lab Sample ID:	P2104-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BN031211.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.246		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	21.101		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	26.311		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.49		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	283864	7.628				
1146-65-2	Naphthalene-d8	1259645	10.405				
15067-26-2	Acenaphthene-d10	826680	14.275				
1517-22-2	Phenanthrene-d10	1750180	17.028				
1719-03-5	Chrysene-d12	1435154	21.263				
1520-96-3	Perylene-d12	1429762	24.163				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	160	J			17.928	
000629-54-9	Hexadecanamide	76	J			19.375	
000301-02-0	9-Octadecenamide, (Z)-	340	J			20.369	
106010-22-4	Palmitoleamide	470	J			20.386	
	(DEL) Alkane: Cyclic	140	J			20.957	
000112-84-5	13-Docosenamide, (Z)-	260	J			22.628	
000192-97-2	Benzo[e]pyrene	110	J			23.892	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BN042424
Lab Sample ID:	P2104-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031212.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.2	73	ug/Kg
110-86-1	Pyridine	13	U	13	180	360	ug/Kg
100-52-7	Benzaldehyde	53	U	53	90.6	360	ug/Kg
108-95-2	Phenol	49	U	49	90.6	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	90.6	360	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	46.7	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.6	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	90.6	360	ug/Kg
98-86-2	Acetophenone	65	U	65	90.6	360	ug/Kg
106-44-5	4-Methylphenol	45	U	45	90.6	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	46.7	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	46.7	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	46.7	190	ug/Kg
78-59-1	Isophorone	40	U	40	46.7	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	46.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.3	U	9.3	46.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34	U	34	46.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	37	U	37	46.7	190	ug/Kg
91-20-3	Naphthalene	100	J	36	46.7	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	46.7	360	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	46.7	190	ug/Kg
105-60-2	Caprolactam	44	U	44	90.6	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	46.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	62	J	21	46.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	71	J	41	46.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	90.6	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	46.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	46.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BN042424
Lab Sample ID:	P2104-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031212.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	50	U	50	46.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	46.7	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.7	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	46.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	46.7	190	ug/Kg
208-96-8	Acenaphthylene	92	J	50	46.7	190	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	90.6	360	ug/Kg
83-32-9	Acenaphthene	350		55	46.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	90.6	360	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	90.6	360	ug/Kg
132-64-9	Dibenzofuran	370		44	46.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	46.7	190	ug/Kg
84-66-2	Diethylphthalate	45	U	45	46.7	190	ug/Kg
86-73-7	Fluorene	510		64	46.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	46.7	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	90.6	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	90.6	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	46.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	49	46.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	46.7	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	46.7	190	ug/Kg
1912-24-9	Atrazine	12	U	12	90.6	360	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	90.6	360	ug/Kg
85-01-8	Phenanthrene	4700	E	58	46.7	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	46.7	190	ug/Kg
120-12-7	Anthracene	710		52	46.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.1	U	6.1	46.7	190	ug/Kg
86-74-8	Carbazole	810		67	90.6	360	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	46.7	190	ug/Kg
206-44-0	Fluoranthene	10000	E	49	90.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BN042424
Lab Sample ID:	P2104-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031212.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	8000	E	50	46.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	47	U	47	46.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	90.6	360	ug/Kg
56-55-3	Benzo(a)anthracene	3600	E	43	46.7	190	ug/Kg
218-01-9	Chrysene	4300	E	50	46.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	U	47	46.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	47	U	47	90.6	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	5400	E	53	46.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		64	46.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	3600	E	63	46.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2400		49	46.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	730		57	46.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2400		50	46.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	46.7	190	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	5.846	*	20-120		15	SPK: -40
17647-74-4	1,4-Dioxane-d8	1.792		15-120		22	SPK: -8
4165-62-2	Phenol-d5	12.241		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.79		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.998		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	12.113		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	12.993		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.06		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.735		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.614		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.12		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.733		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.814		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	13.946		20-140		35	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BN042424
Lab Sample ID:	P2104-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031212.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.023		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	14.458		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	19.903		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.821		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	267069	7.628				
1146-65-2	Naphthalene-d8	1189656	10.41				
15067-26-2	Acenaphthene-d10	754060	14.275				
1517-22-2	Phenanthrene-d10	1569359	17.034				
1719-03-5	Chrysene-d12	963365	21.281				
1520-96-3	Perylene-d12	1187002	24.192				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain15.540	87	J			15.54	
007320-53-8	Dibenzofuran, 4-methyl-	200	J			15.622	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	220	J			15.769	
	(DEL) Alkane: Straight-Chain16.016	200	J			16.016	
001730-37-6	9H-Fluorene, 1-methyl-	160	J			16.334	
000486-25-9	9H-Fluoren-9-one	460	J			16.687	
	(DEL) Alkane: Straight-Chain16.787	75	J			16.787	
000132-65-0	Dibenzothiophene	450	J			16.845	
000260-94-6	Acridine	260	J			17.222	
000605-02-7	Naphthalene, 1-phenyl-	200	J			17.551	
000090-44-8	Anthrone	190	J			17.61	
002531-84-2	Phenanthrene, 2-methyl-	670	J			17.904	
000832-69-9	Phenanthrene, 1-methyl-	990	J			17.957	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	140	J			18.034	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1100	J			18.104	
000613-12-7	Anthracene, 2-methyl-	380	J			18.14	
000612-94-2	Naphthalene, 2-phenyl-	530	J			18.416	

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA5	SDG No.:	BN042424
Lab Sample ID:	P2104-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031212.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000084-65-1	9,10-Anthracenedione	1300	J			18.463	
001576-67-6	Phenanthrene, 3,6-dimethyl-	140	J			18.71	
002789-88-0	di-p-Tolylacetylene	120	J			18.751	
003674-66-6	Phenanthrene, 2,5-dimethyl-	300	J			18.834	
005737-13-3	Cyclopenta(def)phenanthrenone	610	J			18.986	
000243-17-4	11H-Benzo[b]fluorene	140	J			19.963	
002381-21-7	Pyrene, 1-methyl-	120	J			20.122	
000479-79-8	11H-Benzo[a]fluoren-11-one	160	J			20.716	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	160	J			20.881	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	120	J			20.928	
027208-37-3	Cyclopenta[cd]pyrene	170	J			20.969	
000082-05-3	7H-Benz[de]anthracen-7-one	190	J			21.028	
	unknown-01	800	J			22.933	
000192-97-2	Benzo[e]pyrene	680	J			23.504	
000198-55-0	Perylene	3200	J			23.933	
	unknown-02	1500	J			24.263	
E966796	Total Alkanes	360				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA8	SDG No.:	BN042424
Lab Sample ID:	P2104-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031213.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

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	55	U	55	94.7	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	56	J	52	94.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.7	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.8	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.7	380	ug/Kg
98-86-2	Acetophenone	190	J	68	94.7	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.8	200	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.8	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.8	200	ug/Kg
78-59-1	Isophorone	41	U	41	48.8	200	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	48.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	48.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.8	200	ug/Kg
91-20-3	Naphthalene	38	U	38	48.8	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	48.8	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.8	200	ug/Kg
105-60-2	Caprolactam	46	U	46	94.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	J	42	48.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA8	SDG No.:	BN042424
Lab Sample ID:	P2104-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031213.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.8	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.8	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	48.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.8	200	ug/Kg
208-96-8	Acenaphthylene	96	J	53	48.8	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.7	380	ug/Kg
83-32-9	Acenaphthene	83	J	57	48.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.7	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.7	380	ug/Kg
132-64-9	Dibenzofuran	91	J	46	48.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.8	200	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.8	200	ug/Kg
86-73-7	Fluorene	180	J	67	48.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.8	200	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	48.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	48.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.8	200	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.8	200	ug/Kg
1912-24-9	Atrazine	13	U	13	94.7	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	94.7	380	ug/Kg
85-01-8	Phenanthrene	1200		61	48.8	200	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.8	200	ug/Kg
120-12-7	Anthracene	300		54	48.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.8	200	ug/Kg
86-74-8	Carbazole	70	U	70	94.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.8	200	ug/Kg
206-44-0	Fluoranthene	1300		52	94.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA8	SDG No.:	BN042424
Lab Sample ID:	P2104-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031213.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	990		53	48.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	420		45	48.8	200	ug/Kg
218-01-9	Chrysene	420		53	48.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	J	49	48.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	560		55	48.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	220		67	48.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	360		65	48.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200		52	48.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68	J	60	48.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	J	53	48.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	48.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.642		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	14.097		20-120		35	SPK: -40
4165-62-2	Phenol-d5	23.384		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.702		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.023		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	20.491		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	25.884		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.953		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.767		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.745		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.516		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	27.008		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.824		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	26.443		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA8	SDG No.:	BN042424
Lab Sample ID:	P2104-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031213.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.18		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	27.711		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	33.148		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.814		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226628	7.634				
1146-65-2	Naphthalene-d8	995303	10.41				
15067-26-2	Acenaphthene-d10	636887	14.281				
1517-22-2	Phenanthrene-d10	1265223	17.033				
1719-03-5	Chrysene-d12	1073492	21.274				
1520-96-3	Perylene-d12	1189558	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
000078-42-2	Phosphoric acid, tris(2-ethylhexyl	2500	J			20.71	
E966796	Total Alkanes	53	U			99	ug/Kg



Client:				Date Collected:	4/10/2024 12:00:00 AM	
Project:				Date Received:	4/10/2024 12:00:00 AM	
Client Sample ID:	C0AA9			SDG No.:	BN042424	
Lab Sample ID:	P2104-09			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	16.4	
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031214.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

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	98.4	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	54	U	54	98.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	98.4	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.7	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	98.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	98.4	390	ug/Kg
98-86-2	Acetophenone	160	J	70	98.4	390	ug/Kg
106-44-5	4-Methylphenol	49	U	49	98.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.7	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.7	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.7	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	50.7	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.7	200	ug/Kg
105-60-2	Caprolactam	48	U	48	98.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	98.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BN042424
Lab Sample ID:	P2104-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031214.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.7	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	98.4	390	ug/Kg
83-32-9	Acenaphthene	60	U	60	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	98.4	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	98.4	390	ug/Kg
132-64-9	Dibenzofuran	48	U	48	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.7	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.7	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	98.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	98.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.7	200	ug/Kg
1912-24-9	Atrazine	13	U	13	98.4	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	98.4	390	ug/Kg
85-01-8	Phenanthrene	130	J	63	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.7	200	ug/Kg
120-12-7	Anthracene	58	J	56	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	50.7	200	ug/Kg
86-74-8	Carbazole	73	U	73	98.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.7	200	ug/Kg
206-44-0	Fluoranthene	420		54	98.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BN042424
Lab Sample ID:	P2104-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031214.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	370		55	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	98.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	300		46	50.7	200	ug/Kg
218-01-9	Chrysene	320		55	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	51	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	98.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	520		57	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	69	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	310		68	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	54	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	55	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.305		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	11.086		20-120		28	SPK: -40
4165-62-2	Phenol-d5	20.018		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.871		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.026		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	18.272		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	21.98		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.21		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.883		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.71		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.074		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	22.148		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.402		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	21.949		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	C0AA9	SDG No.:	BN042424
Lab Sample ID:	P2104-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BN031214.D	1	4/23/2024 12:00:00 AM	4/25/2024 12:00:00 AM	PB160442

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.708		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	23.193		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	29.647		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.832		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	296851	7.634				
1146-65-2	Naphthalene-d8	1333822	10.416				
15067-26-2	Acenaphthene-d10	845094	14.281				
1517-22-2	Phenanthrene-d10	1769185	17.034				
1719-03-5	Chrysene-d12	1388521	21.275				
1520-96-3	Perylene-d12	1471492	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	270	J			17.933	
000078-42-2	Phosphoric acid, tris(2-ethylhexyl	400	J			20.704	
1000406-04-6	Pentadecafluorooctanoic acid, hexa	180	J			20.963	
E966796	Total Alkanes	55	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AA0								
P2104-01	C0AA0	Solid	(DEL) Alkane: Cyclic23.404	*	210.000	J		
P2104-01	C0AA0	Solid	(DEL) Alkane: Straight-Chain20.9	*	110.000	J		
P2104-01	C0AA0	Solid	(DEL) Alkane: Straight-Chain25.1	*	96.000	J		
P2104-01	C0AA0	Solid	n-Hexadecanoic acid	*	98.000	J		
P2104-01	C0AA0	Solid	Total Alkanes	*	420.000	57	210	ug/Kg
			Total Tics :		934.00			
P2104-01	C0AA0	Solid	Acetophenone		120.000	J 72	410	ug/Kg
			Total Svoc :		120.00			
			Total Concentration:		1,054.00			
Client ID : C0AA3								
P2104-02	C0AA3	Solid	(DEL) Alkane: Cyclic20.957	*	140.000	J		
P2104-02	C0AA3	Solid	13-Docosenamide, (Z)-	*	260.000	J		
P2104-02	C0AA3	Solid	9-Octadecenamide, (Z)-	*	340.000	J		
P2104-02	C0AA3	Solid	Benzo[e]pyrene	*	110.000	J		
P2104-02	C0AA3	Solid	Hexadecanamide	*	76.000	J		
P2104-02	C0AA3	Solid	n-Hexadecanoic acid	*	160.000	J		
P2104-02	C0AA3	Solid	Palmitoleamide	*	470.000	J		
P2104-02	C0AA3	Solid	Total Alkanes	*	140.000	50	190	ug/Kg
			Total Tics :		1,696.00			
P2104-02	C0AA3	Solid	Benzo(a)anthracene		160.000	J 43	190	ug/Kg
P2104-02	C0AA3	Solid	Benzo(a)pyrene		220.000	62	190	ug/Kg
P2104-02	C0AA3	Solid	Benzo(b)fluoranthene		360.000	53	190	ug/Kg
P2104-02	C0AA3	Solid	Benzo(g,h,i)perylene		190.000	50	190	ug/Kg
P2104-02	C0AA3	Solid	Benzo(k)fluoranthene		110.000	J 64	190	ug/Kg
P2104-02	C0AA3	Solid	Chrysene		220.000	50	190	ug/Kg
P2104-02	C0AA3	Solid	Fluoranthene		590.000	49	190	ug/Kg
P2104-02	C0AA3	Solid	Indeno(1,2,3-cd)pyrene		160.000	J 49	190	ug/Kg
P2104-02	C0AA3	Solid	Phenanthrene		200.000	58	190	ug/Kg
P2104-02	C0AA3	Solid	Pyrene		490.000	50	190	ug/Kg
			Total Svoc :		2,700.00			
			Total Concentration:		4,396.00			
Client ID : C0AA5								
P2104-03	C0AA5	Solid	(DEL) Alkane: Straight-Chain15.4	*	87.000	J		
P2104-03	C0AA5	Solid	(DEL) Alkane: Straight-Chain16.6	*	200.000	J		
P2104-03	C0AA5	Solid	(DEL) Alkane: Straight-Chain16.7	*	75.000	J		
P2104-03	C0AA5	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	220.000	J		
P2104-03	C0AA5	Solid	11H-Benzo[a]fluoren-11-one	*	160.000	J		

Hit Summary Sheet SW-846

SDG No.: BN042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2104-03	C0AA5	Solid	11H-Benzo[b]fluorene	*	140.000	J		
P2104-03	C0AA5	Solid	1H-Cyclopropa[l]phenanthrene, 1a	*	140.000	J		
P2104-03	C0AA5	Solid	4H-Cyclopenta[def]phenanthrene	*	1,100.000	J		
P2104-03	C0AA5	Solid	7H-Benz[de]anthracen-7-one	*	190.000	J		
P2104-03	C0AA5	Solid	9,10-Anthracenedione	*	1,300.000	J		
P2104-03	C0AA5	Solid	9H-Fluoren-9-one	*	460.000	J		
P2104-03	C0AA5	Solid	9H-Fluorene, 1-methyl-	*	160.000	J		
P2104-03	C0AA5	Solid	Acridine	*	260.000	J		
P2104-03	C0AA5	Solid	Anthracene, 2-methyl-	*	380.000	J		
P2104-03	C0AA5	Solid	Anthrone	*	190.000	J		
P2104-03	C0AA5	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	160.000	J		
P2104-03	C0AA5	Solid	Benzo[e]pyrene	*	680.000	J		
P2104-03	C0AA5	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	120.000	J		
P2104-03	C0AA5	Solid	Cyclopenta(def)phenanthrenone	*	610.000	J		
P2104-03	C0AA5	Solid	Cyclopenta[cd]pyrene	*	170.000	J		
P2104-03	C0AA5	Solid	di-p-Tolylacetylene	*	120.000	J		
P2104-03	C0AA5	Solid	Dibenzofuran, 4-methyl-	*	200.000	J		
P2104-03	C0AA5	Solid	Dibenzothiophene	*	450.000	J		
P2104-03	C0AA5	Solid	Naphthalene, 1-phenyl-	*	200.000	J		
P2104-03	C0AA5	Solid	Naphthalene, 2-phenyl-	*	530.000	J		
P2104-03	C0AA5	Solid	Perylene	*	3,200.000	J		
P2104-03	C0AA5	Solid	Phenanthrene, 1-methyl-	*	990.000	J		
P2104-03	C0AA5	Solid	Phenanthrene, 2,5-dimethyl-	*	300.000	J		
P2104-03	C0AA5	Solid	Phenanthrene, 2-methyl-	*	670.000	J		
P2104-03	C0AA5	Solid	Phenanthrene, 3,6-dimethyl-	*	140.000	J		
P2104-03	C0AA5	Solid	Pyrene, 1-methyl-	*	120.000	J		
P2104-03	C0AA5	Solid	unknown-01	*	800.000	J		
P2104-03	C0AA5	Solid	unknown-02	*	1,500.000	J		
P2104-03	C0AA5	Solid	Total Alkanes	*	360.000	J	50	190 ug/Kg
Total Tics :					16,382.00			
P2104-03	C0AA5	Solid	1-Methylnaphthalene		62.000	J	21	190 ug/Kg
P2104-03	C0AA5	Solid	2-Methylnaphthalene		71.000	J	41	190 ug/Kg
P2104-03	C0AA5	Solid	Acenaphthene		350.000		55	190 ug/Kg
P2104-03	C0AA5	Solid	Acenaphthylene		92.000	J	50	190 ug/Kg
P2104-03	C0AA5	Solid	Anthracene		710.000		52	190 ug/Kg
P2104-03	C0AA5	Solid	Benzo(a)anthracene		3,600.000	E	43	190 ug/Kg
P2104-03	C0AA5	Solid	Benzo(a)pyrene		3,600.000	E	63	190 ug/Kg
P2104-03	C0AA5	Solid	Benzo(b)fluoranthene		5,400.000	E	53	190 ug/Kg
P2104-03	C0AA5	Solid	Benzo(g,h,i)perylene		2,400.000		50	190 ug/Kg
P2104-03	C0AA5	Solid	Benzo(k)fluoranthene		2,000.000		64	190 ug/Kg



SDG No.: BN042424

Client:

Total Svoc :	50,205.00
Total Concentration:	66.587.00

Client ID : C0AA8

Total Tics : 2,500.00

Total Svoc :	7,006.00
Total Concentration:	9,506.00

Client ID : C0AA9

Hit Summary Sheet SW-846

SDG No.: BN042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2104-09	C0AA9	Solid	n-Hexadecanoic acid	*	270.000	J		
P2104-09	C0AA9	Solid	Pentadecafluorooctanoic acid, hex	*	180.000	J		
P2104-09	C0AA9	Solid	Phosphoric acid, tris(2-ethylhexyl	*	400.000	J		
P2104-09	C0AA9	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :					850.00			
P2104-09	C0AA9	Solid	Acetophenone		160.000	J 70	390	ug/Kg
P2104-09	C0AA9	Solid	Anthracene		58.000	J 56	200	ug/Kg
P2104-09	C0AA9	Solid	Benzo(a)anthracene		300.000	46	200	ug/Kg
P2104-09	C0AA9	Solid	Benzo(a)pyrene		310.000	68	200	ug/Kg
P2104-09	C0AA9	Solid	Benzo(b)fluoranthene		520.000	57	200	ug/Kg
P2104-09	C0AA9	Solid	Benzo(g,h,i)perylene		160.000	J 55	200	ug/Kg
P2104-09	C0AA9	Solid	Benzo(k)fluoranthene		180.000	J 69	200	ug/Kg
P2104-09	C0AA9	Solid	Bis(2-ethylhexyl)phthalate		120.000	J 51	200	ug/Kg
P2104-09	C0AA9	Solid	Chrysene		320.000	55	200	ug/Kg
P2104-09	C0AA9	Solid	Fluoranthene		420.000	54	200	ug/Kg
P2104-09	C0AA9	Solid	Indeno(1,2,3-cd)pyrene		160.000	J 54	200	ug/Kg
P2104-09	C0AA9	Solid	Phenanthrene		130.000	J 63	200	ug/Kg
P2104-09	C0AA9	Solid	Pyrene		370.000	55	200	ug/Kg
Total Svoc :					3,208.00			
Total Concentration:					4,058.00			
Client ID : C0AB0								
P2104-10	C0AB0	Solid	n-Hexadecanoic acid	*	120.000	J		
P2104-10	C0AB0	Solid	Oxalic acid, isobutyl hexadecyl es	*	110.000	J		
P2104-10	C0AB0	Solid	Total Alkanes	*	0.000	53	200	ug/Kg
Total Tics :					230.00			
P2104-10	C0AB0	Solid	Acetophenone		100.000	J 69	380	ug/Kg
P2104-10	C0AB0	Solid	Benzo(a)anthracene		61.000	J 45	200	ug/Kg
P2104-10	C0AB0	Solid	Benzo(b)fluoranthene		80.000	J 56	200	ug/Kg
P2104-10	C0AB0	Solid	Chrysene		64.000	J 53	200	ug/Kg
P2104-10	C0AB0	Solid	Fluoranthene		160.000	J 52	200	ug/Kg
P2104-10	C0AB0	Solid	Phenanthrene		120.000	J 62	200	ug/Kg
P2104-10	C0AB0	Solid	Pyrene		130.000	J 53	200	ug/Kg
Total Svoc :					715.00			
Total Concentration:					945.00			
Client ID : C0AC6								
P2104-15	C0AC6	Solid	9-Octadecenamide, (Z)-	*	510.000	J		
P2104-15	C0AC6	Solid	n-Hexadecanoic acid	*	110.000	J		
P2104-15	C0AC6	Solid	Total Alkanes	*	0.000	58	210	ug/Kg
Total Tics :					620.00			
P2104-15	C0AC6	Solid	Acetophenone		99.000	J 74	410	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				99.00				
Total Concentration:				719.00				
Client ID : C0AC8								
P2104-16	C0AC8	Solid	Phosphoric acid, tris(2-ethylhexyl) *	1,400.000	J			
P2104-16	C0AC8	Solid	unknown-01 *	120.000	J			
P2104-16	C0AC8	Solid	Total Alkanes *	0.000		54	200	ug/Kg
Total Tics :				1,520.00				
P2104-16	C0AC8	Solid	Acetophenone	110.000	J	70	390	ug/Kg
Total Svoc :				110.00				
Total Concentration:				1,630.00				
Client ID : C0AC9								
P2104-17	C0AC9	Solid	(DEL) Alkane: Cyclic20.951 *	110.000	J			
P2104-17	C0AC9	Solid	n-Hexadecanoic acid *	100.000	J			
P2104-17	C0AC9	Solid	Total Alkanes *	110.000		54	200	ug/Kg
Total Tics :				320.00				
P2104-17	C0AC9	Solid	Acetophenone	100.000	J	70	390	ug/Kg
P2104-17	C0AC9	Solid	Benzo(b)fluoranthene	77.000	J	57	200	ug/Kg
Total Svoc :				177.00				
Total Concentration:				497.00				
Client ID : C0AL7								
P2104-20	C0AL7	Solid	Ethanol, 2-(tetradecyloxy)- *	110.000	J			
P2104-20	C0AL7	Solid	Phosphoric acid, tris(2-ethylhexyl) *	530.000	J			
P2104-20	C0AL7	Solid	Total Alkanes *	0.000		53	190	ug/Kg
Total Tics :				640.00				
P2104-20	C0AL7	Solid	Acetophenone	93.000	J	68	380	ug/Kg
Total Svoc :				93.00				
Total Concentration:				733.00				
Client ID : C0AL8								
P2104-21	C0AL8	Solid	Benzo[e]pyrene *	180.000	J			
P2104-21	C0AL8	Solid	Cyclopenta[cd]pyrene *	85.000	J			
P2104-21	C0AL8	Solid	Phosphoric acid, tris(2-ethylhexyl) *	770.000	J			
P2104-21	C0AL8	Solid	Total Alkanes *	0.000		53	190	ug/Kg
Total Tics :				1,035.00				
P2104-21	C0AL8	Solid	Acenaphthylene	98.000	J	53	190	ug/Kg
P2104-21	C0AL8	Solid	Anthracene	170.000	J	54	190	ug/Kg
P2104-21	C0AL8	Solid	Benzo(a)anthracene	460.000		45	190	ug/Kg
P2104-21	C0AL8	Solid	Benzo(a)pyrene	370.000		65	190	ug/Kg
P2104-21	C0AL8	Solid	Benzo(b)fluoranthene	590.000		55	190	ug/Kg
P2104-21	C0AL8	Solid	Benzo(g,h,i)perylene	160.000	J	53	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN042424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2104-21	C0AL8	Solid	Benzo(k)fluoranthene	210.000		66	190	ug/Kg
P2104-21	C0AL8	Solid	Chrysene	500.000		53	190	ug/Kg
P2104-21	C0AL8	Solid	Fluoranthene	730.000		52	190	ug/Kg
P2104-21	C0AL8	Solid	Fluorene	85.000	J	66	190	ug/Kg
P2104-21	C0AL8	Solid	Indeno(1,2,3-cd)pyrene	170.000	J	52	190	ug/Kg
P2104-21	C0AL8	Solid	Phenanthrene	570.000		61	190	ug/Kg
P2104-21	C0AL8	Solid	Pyrene	630.000		53	190	ug/Kg
Total Svoc :				4,743.00				
Total Concentration:				5,778.00				
Client ID : E0807								
P2221-03	E0807	Solid	(DEL) Alkane: Cyclic20.956	*	87.000	J		
P2221-03	E0807	Solid	n-Hexadecanoic acid	*	110.000	J		
P2221-03	E0807	Solid	Propylene Glycol	*	110.000	J		
P2221-03	E0807	Solid	Total Alkanes	*	87.000	58	210	ug/Kg
Total Tics :				394.00				
Total Concentration:				394.00				
Client ID : E0808								
P2221-04	E0808	Solid	1-Heneicosyl formate	*	110.000	J		
P2221-04	E0808	Solid	n-Hexadecanoic acid	*	96.000	J		
P2221-04	E0808	Solid	Total Alkanes	*	0.000	54	200	ug/Kg
Total Tics :				206.00				
Total Concentration:				206.00				
Client ID : E0809								
P2221-05	E0809	Solid	n-Hexadecanoic acid	*	98.000	J		
P2221-05	E0809	Solid	Pentadecafluorooctanoic acid, octa	*	110.000	J		
P2221-05	E0809	Solid	Propylene Glycol	*	140.000	J		
P2221-05	E0809	Solid	Total Alkanes	*	0.000	54	200	ug/Kg
Total Tics :				348.00				
Total Concentration:				348.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN041924SAS No.: BN041924SDG No.: BN041924

Instrument ID: _____

Calibration Date(s): 4/19/2024 : _____Calibration Time(s): 17:44 : _____

LAB FILE ID:		RRFAL1 = BN031045.D			RRFAL2 = BN031046.D		RRFAL3 = BN031047.D	
		RRFAL4 = BN031048.D			RRFAL5 = BN031049.D		RRFAL6 = BN031050.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.453	0.446	0.475	0.447	0.447		0.454	2.7
Benzaldehyde		0.864	1.015	0.921	0.768	0.574	0.828	20.3
Pyridine		1.111	1.253	1.288	1.310	1.259	1.244	6.3
Hexachloroethane	0.544	0.558	0.586	0.574	0.571		0.567	2.9
Nitrobenzene	0.310	0.322	0.361	0.355	0.348		0.339	6.6
Isophorone	0.641	0.668	0.729	0.721	0.702		0.692	5.4
2-Nitrophenol	0.139	0.149	0.176	0.181	0.182		0.165	11.8
2,4-Dimethylphenol	0.325	0.326	0.356	0.345	0.334		0.337	4.0
Bis(2-Chloroethoxy)methane	0.413	0.409	0.440	0.428	0.412		0.420	3.2
2,4-Dichlorophenol	0.275	0.280	0.308	0.306	0.302		0.294	5.3
Naphthalene	1.019	1.030	1.089	1.046	0.998		1.037	3.3
4-Chloroaniline		0.435	0.467	0.467	0.447	0.421	0.447	4.5
Hexachlorobutadiene	0.180	0.178	0.187	0.179	0.172		0.179	3.0
Phenol		1.605	1.748	1.809	1.798	1.738	1.739	4.7
Caprolactam		0.099	0.115	0.119	0.124	0.123	0.116	8.8
4-Chloro-3-methylphenol	0.314	0.327	0.354	0.358	0.352		0.341	5.7
1-Methylnaphthalene	0.735	0.736	0.772	0.746	0.708		0.740	3.1
2-Methylnaphthalene	0.729	0.721	0.759	0.742	0.704		0.731	2.9
Hexachlorocyclopentadiene		0.246	0.298	0.291	0.308	0.295	0.287	8.4
2,4,6-Trichlorophenol	0.309	0.327	0.379	0.363	0.363		0.348	8.3
2,4,5-Trichlorophenol	0.352	0.370	0.409	0.403	0.398		0.386	6.3
1,1-Biphenyl	1.370	1.379	1.475	1.350	1.303		1.376	4.6
2-Chloronaphthalene	1.095	1.082	1.181	1.090	1.048		1.099	4.5
2-Nitroaniline	0.249	0.273	0.331	0.326	0.338		0.303	13.1
Bis(2-Chloroethyl)ether		1.340	1.418	1.434	1.370	1.300	1.372	4.0
Dimethylphthalate	1.407	1.397	1.545	1.434	1.396		1.436	4.4
2,6-Dinitrotoluene	0.220	0.234	0.292	0.296	0.306		0.270	14.6
Acenaphthylene	1.798	1.829	1.998	1.838	1.749		1.842	5.1
3-Nitroaniline		0.262	0.334	0.340	0.318	0.293	0.309	10.4
Acenaphthene	1.221	1.189	1.318	1.222	1.157		1.221	4.9
2,4-Dinitrophenol		0.095	0.138	0.156	0.181	0.193	0.152	25.4
4-Nitrophenol		0.208	0.250	0.244	0.247	0.230	0.236	7.4
Dibenzofuran	1.680	1.668	1.825	1.675	1.595		1.689	5.0
2,4-Dinitrotoluene	0.333	0.365	0.444	0.453	0.453		0.410	13.8
Diethylphthalate	1.396	1.438	1.590	1.506	1.454		1.477	5.0
2-Chlorophenol	1.256	1.316	1.394	1.440	1.421		1.365	5.6

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN041924 SAS No.: BN041924 SDG No.: BN041924

Instrument ID: _____ Calibration Date(s): 4/19/2024 : _____

Calibration Time(s): 17:44 _____

LAB FILE ID:		RRFAL1 = BN031045.D		RRFAL2 = BN031046.D		RRFAL3 = BN031047.D		
		RRFAL4 = BN031048.D		RRFAL5 = BN031049.D		RRFAL6 = BN031050.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.417	1.418	1.520	1.384	1.208		1.390	8.2
4-Chlorophenyl-phenylether	0.681	0.680	0.717	0.647	0.585		0.662	7.5
4-Nitroaniline		0.309	0.384	0.357	0.337	0.280	0.334	12.1
4,6-Dinitro-2-methylphenol		0.086	0.107	0.116	0.117	0.116	0.108	12.1
N-Nitrosodiphenylamine	0.526	0.550	0.572	0.545	0.489		0.536	5.8
1,2,4,5-Tetrachlorobenzene	0.523	0.506	0.568	0.522	0.498		0.523	5.1
4-Bromophenyl-phenylether	0.183	0.190	0.196	0.198	0.179		0.189	4.4
Hexachlorobenzene	0.217	0.221	0.226	0.221	0.205		0.218	3.7
Atrazine		0.186	0.205	0.201	0.180	0.169	0.188	8.1
Pentachlorophenol		0.127	0.144	0.150	0.146	0.141	0.142	6.2
2-Methylphenol		1.228	1.385	1.396	1.383	1.347	1.348	5.1
Phenanthrene	1.074	1.093	1.118	1.061	0.943		1.058	6.4
Pentachlorobenzene	0.245	0.251	0.250	0.241	0.224		0.242	4.5
Anthracene	1.086	1.083	1.129	1.100	0.955		1.071	6.3
1,2,3,4-Tetrachlorobenzene	0.231	0.238	0.249	0.237	0.218		0.235	4.8
Carbazole		1.023	1.074	1.049	0.923	0.820	0.978	10.8
Di-n-butylphthalate	1.076	1.156	1.301	1.254	1.173		1.192	7.4
Fluoranthene	1.109	1.134	1.265	1.181	1.127		1.163	5.4
Pyrene	1.170	1.249	1.325	1.217	1.150		1.222	5.7
Butylbenzylphthalate	0.453	0.507	0.580	0.573	0.583		0.539	10.7
3,3-Dichlorobenzidine		0.423	0.471	0.430	0.409	0.351	0.417	10.4
2,2-oxybis (1-Chloropropane)		1.787	1.846	1.857	1.765	1.692	1.789	3.7
Benzo (a) anthracene	1.350	1.350	1.453	1.336	1.302		1.358	4.2
Chrysene	1.294	1.309	1.357	1.279	1.207		1.289	4.3
Bis (2-ethylhexyl) phthalate	0.747	0.795	0.889	0.837	0.780		0.810	6.8
Di-n-octyl phthalate		1.110	1.272	1.208	1.142	1.032	1.153	8.0
Benzo (b) fluoranthene	1.061	1.137	1.235	1.129	1.064		1.125	6.3
Benzo (k) fluoranthene	1.132	1.196	1.196	1.088	1.047		1.132	5.8
Benzo (a) pyrene	1.106	1.134	1.209	1.103	1.061		1.123	4.9
Indeno (1,2,3-cd) pyrene	1.293	1.386	1.499	1.407	1.380		1.393	5.3
Dibenzo (a,h) anthracene	1.059	1.136	1.240	1.163	1.120		1.143	5.8
Benzo (g,h,i) perylene	1.037	1.110	1.200	1.137	1.125		1.122	5.2
Acetophenone		2.192	2.298	2.317	2.174	2.011	2.198	5.6
2,3,4,6-Tetrachlorophenol	0.297	0.311	0.361	0.346	0.354		0.334	8.5
1,4-Dioxane-d8	0.447	0.421	0.435	0.420	0.417		0.428	2.9
Pyridine-d5		1.070	1.272	1.250	1.306	1.267	1.233	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.: BN041924 SAS No.: BN041924 SDG No.: BN041924
Instrument ID: _____ Calibration Date(s): 4/19/2024 : _____
Calibration Time(s): 17:44 _____

LAB FILE ID:		RRF _{FAL1} = BN031045.D			RRF _{FAL2} = BN031046.D		RRF _{FAL3} = BN031047.D	
		RRF _{FAL4} = BN031048.D			RRF _{FAL5} = BN031049.D		RRF _{FAL6} = BN031050.D	
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
Phenol-d5		1.495	1.684	1.756	1.763	1.738	1.687	6.6
Bis-(2-Chloroethyl)ether-d8		0.954	1.025	1.017	0.981	0.931	0.982	4.1
2-Chlorophenol-d4	1.194	1.251	1.355	1.406	1.362		1.314	6.7
4-Methylphenol-d8		1.292	1.431	1.503	1.445	1.422	1.419	5.5
Nitrobenzene-d5	0.129	0.135	0.151	0.151	0.152		0.144	7.5
2-Nitrophenol-d4	0.124	0.136	0.155	0.162	0.169		0.149	12.6
2,4-Dichlorophenol-d3	0.269	0.281	0.314	0.308	0.301		0.295	6.4
4-Chloroaniline-d4		0.449	0.477	0.474	0.465	0.437	0.460	3.7
4-Methylphenol		1.417	1.542	1.581	1.527	1.482	1.510	4.2
Dimethylphthalate-d6	1.330	1.354	1.501	1.411	1.363		1.392	4.9
Acenaphthylene-d8	1.510	1.535	1.683	1.614	1.544		1.577	4.5
4-Nitrophenol-d4		0.244	0.308	0.303	0.307	0.289	0.290	9.2
Fluorene-d10	1.186	1.190	1.302	1.213	1.167		1.212	4.4
4,6-Dinitro-2-methylphenol		0.078	0.095	0.108	0.110	0.112	0.101	14.1
Anthracene-d10	0.844	0.865	0.927	0.889	0.809		0.867	5.2
Pyrene-d10	0.936	0.980	1.040	0.989	0.969		0.983	3.8
Benzo(a)pyrene-d12	0.901	0.950	1.021	0.946	0.925		0.948	4.7
N-Nitroso-di-n-propylamine	1.025	1.066	1.140	1.161	1.087		1.096	5.1

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.: BN042424 SAS No.: BN042424 SDG NO.: BN042424

EPA Sample No.: SSTD020219 Date Analyzed: Apr 24 2024 12:00AM

Lab File ID: BN031047.D Time Analyzed: 19:30

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	107649	7.64	500622	10.42	346406	14.28
	UPPER LIMIT	215298	8.14	1001244	10.916	692812	14.781
	LOWER LIMIT	53824.5	7.14	250311	9.916	173203	13.781
	EPA SAMPLE NO.						
01	SBLK461	175840	7.63	833738	10.41	559760	14.28
02	E0807	175739	7.63	817343	10.41	558480	14.27
03	E0808	147585	7.63	697234	10.40	482211	14.28
04	E0809	185959	7.63	856527	10.40	571448	14.28
05	E0809MS	177435	7.63	819601	10.41	562276	14.28
06	E0809MSD	192524	7.63	905850	10.41	603312	14.28
07	C0AB0	151736	7.63	715357	10.40	494278	14.28
08	C0AC6	213687	7.63	1.00838e *	10.40	683371	14.28
09	C0AC8	149797	7.63	696757	10.41	465996	14.28
10	C0AC9	153281	7.63	722084	10.41	488857	14.28
11	C0AL7	177268	7.63	821434	10.40	554602	14.28
12	C0AL8	175838	7.63	808922	10.40	541882	14.28
13	SLCS461	159017	7.63	732600	10.40	500951	14.27
14	SBLK442	192258	7.63	903776	10.40	624787	14.28
15	C0AA0	215776 *	7.63	994068	10.41	672026	14.28
16	C0AA3	283864 *	7.63	1.25965e *	10.41	826680 *	14.28
17	C0AA5	267069 *	7.63	1.18966e *	10.41	754060 *	14.28
18	C0AA8	226628 *	7.63	995303	10.41	636887	14.28
19	C0AA9	296851 *	7.63	1.33382e *	10.42	845094 *	14.28



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042424 SAS No.: BN042424 SDG NO.: BN042424

EPA Sample No.: SSTD020219 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BN031047.D Time Analyzed: 08:45

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	107649	7.64	500622	10.42	346406	14.28
UPPER LIMIT	215298	8.14	1001244	10.916	692812	14.781
LOWER LIMIT	53824.5	7.14	250311	9.916	173203	13.781
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042424 SAS No.: BN042424 SDG NO.: BN042424

EPA Sample No.: SSTD020380 Date Analyzed: Apr 24 2024 12:00AM

Lab File ID: BN031194.D Time Analyzed: 19:30

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	157852	7.628	725522	10.41	488664	14.28
UPPER LIMIT	315704	8.128	1451044	10.91	977328	14.775
LOWER LIMIT	78926	7.128	362761	9.91	244332	13.775
EPA SAMPLE NO.						
01 SBLK461	175840	7.63	833738	10.41	559760	14.28
02 E0807	175739	7.63	817343	10.41	558480	14.27
03 E0808	147585	7.63	697234	10.40	482211	14.28
04 E0809	185959	7.63	856527	10.40	571448	14.28
05 E0809MS	177435	7.63	819601	10.41	562276	14.28
06 E0809MSD	192524	7.63	905850	10.41	603312	14.28
07 C0AB0	151736	7.63	715357	10.40	494278	14.28
08 C0AC6	213687	7.63	1.00838e	10.40	683371	14.28
09 C0AC8	149797	7.63	696757	10.41	465996	14.28
10 C0AC9	153281	7.63	722084	10.41	488857	14.28
11 C0AL7	177268	7.63	821434	10.40	554602	14.28
12 C0AL8	175838	7.63	808922	10.40	541882	14.28
13 SLCS461	159017	7.63	732600	10.40	500951	14.27

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 LOWER 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.: BN042424 SAS No.: BN042424 SDG NO.: BN042424

EPA Sample No.: SSTD020381 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BN031208.D Time Analyzed: 05:27

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	220239	7.628	1.02668e+01	10.40	692145	14.28
UPPER LIMIT	440478	8.128	2053360	10.904	1384290	14.775
LOWER LIMIT	110119.5	7.128	513340	9.904	346072.5	13.775
EPA SAMPLE NO.						
01 SBLK442	192258	7.63	903776	10.40	624787	14.28
02 C0AA0	215776	7.63	994068	10.41	672026	14.28
03 C0AA3	283864	7.63	1.25965e	10.41	826680	14.28
04 C0AA5	267069	7.63	1.18966e	10.41	754060	14.28
05 C0AA8	226628	7.63	995303	10.41	636887	14.28
06 C0AA9	296851	7.63	1.33382e	10.42	845094	14.28

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.: BN042424 SAS No.: BN042424 SDG NO.: BN042424

EPA Sample No.: SSTD020219 Date Analyzed: Apr 24 2024 12:00AM

Lab File ID: BN031047.D Time Analyzed: 19:30

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	798190	17.034	890034	21.269	1.14789e+01	24.168
	UPPER LIMIT	1596380	17.534	1780068	21.769	2295780	24.668
	LOWER LIMIT	399095	16.534	445017	20.769	573945	23.668
	EPA SAMPLE NO.						
01	SBLK461	1.26269	17.03	1.29923e+	21.26	1.33263e+	24.16
02	E0807	1.27269	17.03	1.39574e+	21.26	1.44907e+	24.16
03	E0808	1.07418	17.03	1.17646e+	21.26	1.24641e+	24.16
04	E0809	1.26441	17.03	1.42358e+	21.26	1.53669e+	24.16
05	E0809MS	1.25943	17.03	1.31613e+	21.26	1.49148e+	24.16
06	E0809MSD	1.3416e	17.03	1.4146e+0	21.26	1.66345e+	24.16
07	C0AB0	1.11515	17.02	1.21023e+	21.26	1.36143e+	24.16
08	C0AC6	1.53344	17.03	1.68195e+	21.26	1.83466e+	24.16
09	C0AC8	987036	17.03	1.14791e+	21.26	1.35956e+	24.16
10	C0AC9	1.11896	17.02	1.27384e+	21.26	1.50148e+	24.16
11	C0AL7	1.15834	17.03	1.31915e+	21.26	1.59304e+	24.16
12	C0AL8	1.14913	17.03	1.2249e+0	21.26	1.38409e+	24.16
13	SLCS461	1.12061	17.03	1.21198e+	21.26	1.41869e+	24.16
14	SBLK442	1.4187e	17.03	1.4627e+0	21.26	1.55507e+	24.16
15	C0AA0	1.51204	17.03	1.56365e+	21.26	1.6278e+0	24.16
16	C0AA3	1.75018*	17.03	1.43515e+	21.26	1.42976e+	24.16
17	C0AA5	1.56936	17.03	963365	21.28	1.187e+00	24.19
18	C0AA8	1.26522	17.03	1.07349e+	21.27	1.18956e+	24.19
19	C0AA9	1.76919*	17.03	1.38852e+	21.28	1.47149e+	24.19

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042424 SAS No.: BN042424 SDG NO.: BN042424

EPA Sample No.: SSTD020219 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BN031047.D Time Analyzed: 08:45

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	798190	17.034	890034	21.269	1.14789e+01	24.168
UPPER LIMIT	1596380	17.534	1780068	21.769	2295780	24.668
LOWER LIMIT	399095	16.534	445017	20.769	573945	23.668
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN042424 SAS No.: BN042424 SDG NO.: BN042424

EPA Sample No.: SSTD020380 Date Analyzed: Apr 24 2024 12:00AM

Lab File ID: BN031194.D Time Analyzed: 19:30

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.08976e+01	17.028	1.17122e+01	21.263	1.31419e+01	24.163
UPPER LIMIT	2179520	17.528	2342440	21.763	2628380	24.663
LOWER LIMIT	544880	16.528	585610	20.763	657095	23.663
EPA SAMPLE NO.						
01 SBLK461	1.26269	17.03	1.29923e+01	21.26	1.33263e+01	24.16
02 E0807	1.27269	17.03	1.39574e+01	21.26	1.44907e+01	24.16
03 E0808	1.07418	17.03	1.17646e+01	21.26	1.24641e+01	24.16
04 E0809	1.26441	17.03	1.42358e+01	21.26	1.53669e+01	24.16
05 E0809MS	1.25943	17.03	1.31613e+01	21.26	1.49148e+01	24.16
06 E0809MSD	1.3416e	17.03	1.4146e+01	21.26	1.66345e+01	24.16
07 C0AB0	1.11515	17.02	1.21023e+01	21.26	1.36143e+01	24.16
08 C0AC6	1.53344	17.03	1.68195e+01	21.26	1.83466e+01	24.16
09 C0AC8	987036	17.03	1.14791e+01	21.26	1.35956e+01	24.16
10 C0AC9	1.11896	17.02	1.27384e+01	21.26	1.50148e+01	24.16
11 C0AL7	1.15834	17.03	1.31915e+01	21.26	1.59304e+01	24.16
12 C0AL8	1.14913	17.03	1.2249e+01	21.26	1.38409e+01	24.16
13 SLCS461	1.12061	17.03	1.21198e+01	21.26	1.41869e+01	24.16

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.: BN042424 SAS No.: BN042424 SDG NO.: BN042424

EPA Sample No.: SSTD020381 Date Analyzed: Apr 25 2024 12:00AM

Lab File ID: BN031208.D Time Analyzed: 05:27

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	1.50901e+01	17.028	1.6021e+01	21.269	1.81907e+01	24.163
UPPER LIMIT	3018020	17.528	3204200	21.769	3638140	24.663
LOWER LIMIT	754505	16.528	801050	20.769	909535	23.663
EPA SAMPLE NO.						
01 SBLK442	1.4187e	17.03	1.4627e+0	21.26	1.55507e+	24.16
02 C0AA0	1.51204	17.03	1.56365e+	21.26	1.6278e+0	24.16
03 C0AA3	1.75018	17.03	1.43515e+	21.26	1.42976e+	24.16
04 C0AA5	1.56936	17.03	963365	21.28	1.187e+00	24.19
05 C0AA8	1.26522	17.03	1.07349e+	21.27	1.18956e+	24.19
06 C0AA9	1.76919	17.03	1.38852e+	21.28	1.47149e+	24.19

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.: BN042424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160461BS	1,4-Dioxane	530	280	ug/Kg	53				0	0		
	Benzaldehyde	1300	1000	ug/Kg	77				0	0		
	Pyridine	1300	890	ug/Kg	68				0	0		
	Phenol	1300	930	ug/Kg	72				0	0		
	Bis(2-chloroethyl)ether	1300	890	ug/Kg	68				0	0		
	2-Chlorophenol	1300	950	ug/Kg	73				0	0		
	2-Methylphenol	1300	900	ug/Kg	69				0	0		
	2,2-oxybis(1-Chloropropane)	1300	880	ug/Kg	68				0	0		
	Acetophenone	1300	870	ug/Kg	67				0	0		
	4-Methylphenol	1300	900	ug/Kg	69				0	0		
	N-Nitroso-di-n-propylamine	1300	850	ug/Kg	65				0	0		
	Hexachloroethane	1300	900	ug/Kg	69				0	0		
	Nitrobenzene	1300	920	ug/Kg	71				0	0		
	Isophorone	1300	860	ug/Kg	66				0	0		
	2-Nitrophenol	1300	980	ug/Kg	75				0	0		
	2,4-Dimethylphenol	1300	800	ug/Kg	62				0	0		
	Bis(2-chloroethoxy)methane	1300	870	ug/Kg	67				0	0		
	2,4-Dichlorophenol	1300	960	ug/Kg	74				0	0		
	Naphthalene	1300	900	ug/Kg	69				0	0		
	4-Chloroaniline	1300	790	ug/Kg	61				0	0		
	Hexachlorobutadiene	1300	900	ug/Kg	69				0	0		
	Caprolactam	1300	880	ug/Kg	68				0	0		
	4-Chloro-3-methylphenol	1300	930	ug/Kg	72				0	0		
	1-Methylnaphthalene	1300	900	ug/Kg	69				0	0		
	2-Methylnaphthalene	1300	890	ug/Kg	68				0	0		
	Hexachlorocyclopentadiene	1300	570	ug/Kg	44				0	0		
	2,4,6-Trichlorophenol	1300	950	ug/Kg	73				0	0		
	2,4,5-Trichlorophenol	1300	940	ug/Kg	72				0	0		
	1,1'-Biphenyl	1300	900	ug/Kg	69				0	0		
	2-Chloronaphthalene	1300	890	ug/Kg	68				0	0		
	2-Nitroaniline	1300	970	ug/Kg	75				0	0		
	Dimethylphthalate	1300	870	ug/Kg	67				0	0		
	2,6-Dinitrotoluene	1300	940	ug/Kg	72				0	0		
	Acenaphthylene	1300	890	ug/Kg	68				0	0		
	3-Nitroaniline	1300	930	ug/Kg	72				0	0		
	Acenaphthene	1300	880	ug/Kg	68				0	0		
	2,4-Dinitrophenol	1300	770	ug/Kg	59				0	0		
	4-Nitrophenol	1300	910	ug/Kg	70				0	0		
	Dibenzofuran	1300	890	ug/Kg	68				0	0		
	2,4-Dinitrotoluene	1300	950	ug/Kg	73				0	0		
	Diethylphthalate	1300	880	ug/Kg	68				0	0		
	Fluorene	1300	880	ug/Kg	68				0	0		
	4-Chlorophenyl-phenylether	1300	870	ug/Kg	67				0	0		
	4-Nitroaniline	1300	1000	ug/Kg	77				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN042424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160461BS	4,6-Dinitro-2-methylphenol	1300	850	ug/Kg	65				0	0	
	N-Nitrosodiphenylamine	1300	910	ug/Kg	70				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	930	ug/Kg	72				0	0	
	4-Bromophenyl-phenylether	1300	870	ug/Kg	67				0	0	
	Hexachlorobenzene	1300	910	ug/Kg	70				0	0	
	Atrazine	1300	890	ug/Kg	68				0	0	
	Pentachlorophenol	1300	960	ug/Kg	74				0	0	
	Phenanthrene	1300	890	ug/Kg	68				0	0	
	Pentachlorobenzene	1300	900	ug/Kg	69				0	0	
	Anthracene	1300	890	ug/Kg	68				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	940	ug/Kg	72				0	0	
	Carbazole	1300	950	ug/Kg	73				0	0	
	Di-n-butylphthalate	1300	940	ug/Kg	72				0	0	
	Fluoranthene	1300	960	ug/Kg	74				0	0	
	Pyrene	1300	980	ug/Kg	75				0	0	
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0	
	3,3'-Dichlorobenzidine	1300	920	ug/Kg	71				0	0	
	Benzo(a)anthracene	1300	900	ug/Kg	69				0	0	
	Chrysene	1300	920	ug/Kg	71				0	0	
	Bis(2-ethylhexyl)phthalate	1300	960	ug/Kg	74				0	0	
	Di-n-octylphthalate	1300	1100	ug/Kg	85				0	0	
	Benzo(b)fluoranthene	1300	990	ug/Kg	76				0	0	
	Benzo(k)fluoranthene	1300	970	ug/Kg	75				0	0	
	Benzo(a)pyrene	1300	830	ug/Kg	64				0	0	
	Indeno(1,2,3-cd)pyrene	1300	840	ug/Kg	65				0	0	
	Dibenzo(a,h)anthracene	1300	830	ug/Kg	64				0	0	
	Benzo(g,h,i)perylene	1300	800	ug/Kg	62				0	0	
	2,3,4,6-Tetrachlorophenol	1300	960	ug/Kg	74				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK442

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN042424

SAS No.: BN042424 SDG NO.: BN042424

Lab File ID: BN031209.D

Lab Sample ID: PB160442BL

Instrument ID: BNA_N

Date Extracted: 04/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/25/2024

Level: (low/med) LOW

Time Analyzed: 05:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AA0	P2104-01	BN031210.D	04/25/2024
C0AA3	P2104-02	BN031211.D	04/25/2024
C0AA5	P2104-03	BN031212.D	04/25/2024
C0AA8	P2104-08	BN031213.D	04/25/2024
C0AA9	P2104-09	BN031214.D	04/25/2024
C0AB0	P2104-10	BN031201.D	04/24/2024
C0AC6	P2104-15	BN031202.D	04/25/2024
C0AC8	P2104-16	BN031203.D	04/25/2024
C0AC9	P2104-17	BN031204.D	04/25/2024
C0AL7	P2104-20	BN031205.D	04/25/2024
C0AL8	P2104-21	BN031206.D	04/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK461

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN042424

SAS No.: BN042424 SDG NO.: BN042424

Lab File ID: BN031195.D

Lab Sample ID: PB160461BL

Instrument ID: BNA_N

Date Extracted: 04/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/24/2024

Level: (low/med) LOW

Time Analyzed: 19:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0807	P2221-03	BN031196.D	04/24/2024
E0808	P2221-04	BN031197.D	04/24/2024
E0809	P2221-05	BN031198.D	04/24/2024
E0809MS	P2221-06MS	BN031199.D	04/24/2024
E0809MSD	P2221-07MSD	BN031200.D	04/24/2024
PB160461BS	PB160461BS	BN031207.D	04/25/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN042424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2221-06MS	Client Sample ID:	E0809MS				DataFile:	BN031199.D			
1,4-Dioxane	630		390	ug/Kg	62				15	120	
Benzaldehyde	1600		1500	ug/Kg	94				0	0	
Pyridine	1600		1300	ug/Kg	81				0	0	
Phenol	1600		1500	ug/Kg	94	*			26	90	
Bis(2-chloroethyl)ether	1600		1400	ug/Kg	88				0	0	
2-Chlorophenol	1600		1500	ug/Kg	94				25	102	
2-Methylphenol	1600		1500	ug/Kg	94				0	0	
2,2-oxybis(1-Chloropropane)	1600		1400	ug/Kg	88				0	0	
Acetophenone	1600		1400	ug/Kg	88				0	0	
4-Methylphenol	1600		1500	ug/Kg	94				0	0	
N-Nitroso-di-n-propylamine	1600		1400	ug/Kg	88				41	126	
Hexachloroethane	1600		1300	ug/Kg	81				0	0	
Nitrobenzene	1600		1500	ug/Kg	94				0	0	
Isophorone	1600		1400	ug/Kg	88				0	0	
2-Nitrophenol	1600		1500	ug/Kg	94				0	0	
2,4-Dimethylphenol	1600		1400	ug/Kg	88				0	0	
Bis(2-chloroethoxy)methane	1600		1400	ug/Kg	88				0	0	
2,4-Dichlorophenol	1600		1500	ug/Kg	94				0	0	
Naphthalene	1600		1400	ug/Kg	88				0	0	
4-Chloroaniline	1600		1200	ug/Kg	75				0	0	
Hexachlorobutadiene	1600		1400	ug/Kg	88				0	0	
Caprolactam	1600		1500	ug/Kg	94				0	0	
4-Chloro-3-methylphenol	1600		1500	ug/Kg	94				26	103	
1-Methylnaphthalene	1600		1400	ug/Kg	88				0	0	
2-Methylnaphthalene	1600		1400	ug/Kg	88				0	0	
Hexachlorocyclopentadiene	1600		1000	ug/Kg	63				0	0	
2,4,6-Trichlorophenol	1600		1600	ug/Kg	100				0	0	
2,4,5-Trichlorophenol	1600		1600	ug/Kg	100				0	0	
1,1'-Biphenyl	1600		1400	ug/Kg	88				0	0	
2-Chloronaphthalene	1600		1400	ug/Kg	88				0	0	
2-Nitroaniline	1600		1600	ug/Kg	100				0	0	
Dimethylphthalate	1600		1400	ug/Kg	88				0	0	
2,6-Dinitrotoluene	1600		1600	ug/Kg	100				0	0	
Acenaphthylene	1600		1400	ug/Kg	88				0	0	
3-Nitroaniline	1600		1500	ug/Kg	94				0	0	
Acenaphthene	1600		1400	ug/Kg	88				31	137	
2,4-Dinitrophenol	1600		1300	ug/Kg	81				0	0	
4-Nitrophenol	1600		1500	ug/Kg	94				11	114	
Dibenzofuran	1600		1400	ug/Kg	88				0	0	
2,4-Dinitrotoluene	1600		1500	ug/Kg	94	*			28	89	
Diethylphthalate	1600		1400	ug/Kg	88				0	0	
Fluorene	1600		1400	ug/Kg	88				0	0	
4-Chlorophenyl-phenylether	1600		1400	ug/Kg	88				0	0	
4-Nitroaniline	1600		1600	ug/Kg	100				0	0	
4,6-Dinitro-2-methylphenol	1600		1400	ug/Kg	88				0	0	
N-Nitrosodiphenylamine	1600		1500	ug/Kg	94				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN042424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1600		1500	ug/Kg	94				0	0	
4-Bromophenyl-phenylether	1600		1400	ug/Kg	88				0	0	
Hexachlorobenzene	1600		1500	ug/Kg	94				0	0	
Atrazine	1600		1400	ug/Kg	88				0	0	
Pentachlorophenol	1600		1500	ug/Kg	94				17	109	
Phenanthrene	1600		1400	ug/Kg	88				0	0	
Pentachlorobenzene	1600		1400	ug/Kg	88				0	0	
Anthracene	1600		1400	ug/Kg	88				0	0	
1,2,3,4-Tetrachlorobenzene	1600		1500	ug/Kg	94				0	0	
Carbazole	1600		1500	ug/Kg	94				0	0	
Di-n-butylphthalate	1600		1500	ug/Kg	94				0	0	
Fluoranthene	1600		1500	ug/Kg	94				0	0	
Pyrene	1600		1600	ug/Kg	100				35	142	
Butylbenzylphthalate	1600		1600	ug/Kg	100				0	0	
3,3'-Dichlorobenzidine	1600		1300	ug/Kg	81				0	0	
Benzo(a)anthracene	1600		1500	ug/Kg	94				0	0	
Chrysene	1600		1500	ug/Kg	94				0	0	
Bis(2-ethylhexyl)phthalate	1600		1600	ug/Kg	100				0	0	
Di-n-octylphthalate	1600		1800	ug/Kg	113				0	0	
Benzo(b)fluoranthene	1600		1600	ug/Kg	100				0	0	
Benzo(k)fluoranthene	1600		1600	ug/Kg	100				0	0	
Benzo(a)pyrene	1600		1300	ug/Kg	81				0	0	
Indeno(1,2,3-cd)pyrene	1600		1400	ug/Kg	88				0	0	
Dibenzo(a,h)anthracene	1600		1300	ug/Kg	81				0	0	
Benzo(g,h,i)perylene	1600		1300	ug/Kg	81				0	0	
2,3,4,6-Tetrachlorophenol	1600		1600	ug/Kg	100				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN042424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2221-07MSD	Client Sample ID:	E0809MSD					DataFile:	BN031200.D		
1,4-Dioxane	630		380	ug/Kg	60	3			15	120	50
Benzaldehyde	1600		1400	ug/Kg	88	7	*		0	0	0
Pyridine	1600		1200	ug/Kg	75	8	*		0	0	0
Phenol	1600		1400	ug/Kg	88	7			26	90	35
Bis(2-chloroethyl)ether	1600		1300	ug/Kg	81	8	*		0	0	0
2-Chlorophenol	1600		1400	ug/Kg	88	7			25	102	50
2-Methylphenol	1600		1400	ug/Kg	88	7	*		0	0	0
2,2-oxybis(1-Chloropropane)	1600		1300	ug/Kg	81	8	*		0	0	0
Acetophenone	1600		1300	ug/Kg	81	8	*		0	0	0
4-Methylphenol	1600		1400	ug/Kg	88	7	*		0	0	0
N-Nitroso-di-n-propylamine	1600		1300	ug/Kg	81	8			41	126	38
Hexachloroethane	1600		1300	ug/Kg	81	0			0	0	0
Nitrobenzene	1600		1400	ug/Kg	88	7	*		0	0	0
Isophorone	1600		1300	ug/Kg	81	8	*		0	0	0
2-Nitrophenol	1600		1500	ug/Kg	94	0			0	0	0
2,4-Dimethylphenol	1600		1400	ug/Kg	88	0			0	0	0
Bis(2-chloroethoxy)methane	1600		1300	ug/Kg	81	8	*		0	0	0
2,4-Dichlorophenol	1600		1400	ug/Kg	88	7	*		0	0	0
Naphthalene	1600		1300	ug/Kg	81	8	*		0	0	0
4-Chloroaniline	1600		1100	ug/Kg	69	8	*		0	0	0
Hexachlorobutadiene	1600		1300	ug/Kg	81	8	*		0	0	0
Caprolactam	1600		1400	ug/Kg	88	7	*		0	0	0
4-Chloro-3-methylphenol	1600		1400	ug/Kg	88	7			26	103	33
1-Methylnaphthalene	1600		1300	ug/Kg	81	8	*		0	0	0
2-Methylnaphthalene	1600		1300	ug/Kg	81	8	*		0	0	0
Hexachlorocyclopentadiene	1600		960	ug/Kg	60	5	*		0	0	0
2,4,6-Trichlorophenol	1600		1500	ug/Kg	94	6	*		0	0	0
2,4,5-Trichlorophenol	1600		1500	ug/Kg	94	6	*		0	0	0
1,1'-Biphenyl	1600		1400	ug/Kg	88	0			0	0	0
2-Chloronaphthalene	1600		1400	ug/Kg	88	0			0	0	0
2-Nitroaniline	1600		1500	ug/Kg	94	6	*		0	0	0
Dimethylphthalate	1600		1300	ug/Kg	81	8	*		0	0	0
2,6-Dinitrotoluene	1600		1500	ug/Kg	94	6	*		0	0	0
Acenaphthylene	1600		1400	ug/Kg	88	0			0	0	0
3-Nitroaniline	1600		1500	ug/Kg	94	0			0	0	0
Acenaphthene	1600		1300	ug/Kg	81	8			31	137	19
2,4-Dinitrophenol	1600		1200	ug/Kg	75	8	*		0	0	0
4-Nitrophenol	1600		1400	ug/Kg	88	7			11	114	50
Dibenzofuran	1600		1400	ug/Kg	88	0			0	0	0
2,4-Dinitrotoluene	1600		1500	ug/Kg	94	*	0		28	89	47
Diethylphthalate	1600		1300	ug/Kg	81	8	*		0	0	0
Fluorene	1600		1300	ug/Kg	81	8	*		0	0	0
4-Chlorophenyl-phenylether	1600		1300	ug/Kg	81	8	*		0	0	0
4-Nitroaniline	1600		1500	ug/Kg	94	6	*		0	0	0
4,6-Dinitro-2-methylphenol	1600		1400	ug/Kg	88	0			0	0	0
N-Nitrosodiphenylamine	1600		1400	ug/Kg	88	7	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN042424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1600		1400	ug/Kg	88	7	*		0	0	0
4-Bromophenyl-phenylether	1600		1400	ug/Kg	88	0			0	0	0
Hexachlorobenzene	1600		1400	ug/Kg	88	7	*		0	0	0
Atrazine	1600		1400	ug/Kg	88	0			0	0	0
Pentachlorophenol	1600		1400	ug/Kg	88	7			17	109	47
Phenanthrene	1600		1400	ug/Kg	88	0			0	0	0
Pentachlorobenzene	1600		1400	ug/Kg	88	0			0	0	0
Anthracene	1600		1300	ug/Kg	81	8	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1600		1500	ug/Kg	94	0			0	0	0
Carbazole	1600		1400	ug/Kg	88	7	*		0	0	0
Di-n-butylphthalate	1600		1400	ug/Kg	88	7	*		0	0	0
Fluoranthene	1600		1400	ug/Kg	88	7	*		0	0	0
Pyrene	1600		1400	ug/Kg	88	13			35	142	36
Butylbenzylphthalate	1600		1600	ug/Kg	100	0			0	0	0
3,3'-Dichlorobenzidine	1600		1300	ug/Kg	81	0			0	0	0
Benzo(a)anthracene	1600		1400	ug/Kg	88	7	*		0	0	0
Chrysene	1600		1400	ug/Kg	88	7	*		0	0	0
Bis(2-ethylhexyl)phthalate	1600		1500	ug/Kg	94	6	*		0	0	0
Di-n-octylphthalate	1600		1700	ug/Kg	106	6	*		0	0	0
Benzo(b)fluoranthene	1600		1500	ug/Kg	94	6	*		0	0	0
Benzo(k)fluoranthene	1600		1400	ug/Kg	88	13	*		0	0	0
Benzo(a)pyrene	1600		1300	ug/Kg	81	0			0	0	0
Indeno(1,2,3-cd)pyrene	1600		1300	ug/Kg	81	8	*		0	0	0
Dibenzo(a,h)anthracene	1600		1300	ug/Kg	81	0			0	0	0
Benzo(g,h,i)perylene	1600		1200	ug/Kg	75	8	*		0	0	0
2,3,4,6-Tetrachlorophenol	1600		1500	ug/Kg	94	6	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BN042424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-01	C0AA0	BN031210.D	1,4-Dioxane-d8	8	3.84	48		15	120
			Pyridine-d5	40	5.32	13	*	20	120
			Phenol-d5	40	20.94	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.51	59		10	150
			2-Chlorophenol-d4	40	23.79	59		15	120
			4-Methylphenol-d8	40	14.31	36		10	140
			Nitrobenzene-d5	40	25.20	63		10	135
			2-Nitrophenol-d4	40	25.04	63		10	120
			2,4-Dichlorophenol-d3	40	22.49	56		10	140
			4-Chloroaniline-d4	40	17.87	45		1	145
			Dimethylphthalate-d6	40	24.18	60		10	145
			Acenaphthylene-d8	40	24.82	62		15	120
			4-Nitrophenol-d4	40	15.55	39		10	150
			Fluorene-d10	40	25.15	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.78	39		10	130
			Anthracene-d10	40	24.83	62		10	150
			Pyrene-d10	40	27.89	70		10	130
			Benzo(a)pyrene-d12	40	25.94	65		10	140
P2104-02	C0AA3	BN031211.D	1,4-Dioxane-d8	8	2.84	35		15	120
			Pyridine-d5	40	9.06	23		20	120
			Phenol-d5	40	17.89	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.61	44		10	150
			2-Chlorophenol-d4	40	18.83	47		15	120
			4-Methylphenol-d8	40	16.15	40		10	140
			Nitrobenzene-d5	40	19.47	49		10	135
			2-Nitrophenol-d4	40	19.87	50		10	120
			2,4-Dichlorophenol-d3	40	19.43	49		10	140
			4-Chloroaniline-d4	40	10.27	26		1	145
			Dimethylphthalate-d6	40	19.07	48		10	145
			Acenaphthylene-d8	40	20.01	50		15	120
			4-Nitrophenol-d4	40	13.80	35		10	150
			Fluorene-d10	40	20.19	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.25	33		10	130
			Anthracene-d10	40	21.10	53		10	150
			Pyrene-d10	40	26.31	66		10	130
			Benzo(a)pyrene-d12	40	21.49	54		10	140
P2104-03	C0AA5	BN031212.D	1,4-Dioxane-d8	8	1.79	22		15	120
			Pyridine-d5	40	5.85	15	*	20	120
			Phenol-d5	40	12.24	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.79	29		10	150
			2-Chlorophenol-d4	40	13.00	32		15	120
			4-Methylphenol-d8	40	12.11	30		10	140
			Nitrobenzene-d5	40	12.99	32		10	135
			2-Nitrophenol-d4	40	13.06	33		10	120
			2,4-Dichlorophenol-d3	40	12.74	32		10	140
			4-Chloroaniline-d4	40	7.61	19		1	145
			Dimethylphthalate-d6	40	13.12	33		10	145
			Acenaphthylene-d8	40	13.73	34		15	120
			4-Nitrophenol-d4	40	7.81	20		10	150

Surrogate Summary

SW-846

SDG No.: BN042424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-03	C0AA5	BN031212.D	Fluorene-d10	40	13.95	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.02	10		10	130
			Anthracene-d10	40	14.46	36		10	150
			Pyrene-d10	40	19.90	50		10	130
			Benzo(a)pyrene-d12	40	14.82	37		10	140
P2104-08	C0AA8	BN031213.D	1,4-Dioxane-d8	8	3.64	46		15	120
			Pyridine-d5	40	14.10	35		20	120
			Phenol-d5	40	23.38	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.70	57		10	150
			2-Chlorophenol-d4	40	25.02	63		15	120
			4-Methylphenol-d8	40	20.49	51		10	140
			Nitrobenzene-d5	40	25.88	65		10	135
			2-Nitrophenol-d4	40	26.95	67		10	120
			2,4-Dichlorophenol-d3	40	24.77	62		10	140
			4-Chloroaniline-d4	40	16.75	42		1	145
			Dimethylphthalate-d6	40	25.52	64		10	145
			Acenaphthylene-d8	40	27.01	68		15	120
			4-Nitrophenol-d4	40	19.82	50		10	150
			Fluorene-d10	40	26.44	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.18	13		10	130
			Anthracene-d10	40	27.71	69		10	150
			Pyrene-d10	40	33.15	83		10	130
			Benzo(a)pyrene-d12	40	27.81	70		10	140
P2104-09	C0AA9	BN031214.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Pyridine-d5	40	11.09	28		20	120
			Phenol-d5	40	20.02	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.87	50		10	150
			2-Chlorophenol-d4	40	22.03	55		15	120
			4-Methylphenol-d8	40	18.27	46		10	140
			Nitrobenzene-d5	40	21.98	55		10	135
			2-Nitrophenol-d4	40	23.21	58		10	120
			2,4-Dichlorophenol-d3	40	20.88	52		10	140
			4-Chloroaniline-d4	40	14.71	37		1	145
			Dimethylphthalate-d6	40	21.07	53		10	145
			Acenaphthylene-d8	40	22.15	55		15	120
			4-Nitrophenol-d4	40	16.40	41		10	150
			Fluorene-d10	40	21.95	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.71	12		10	130
			Anthracene-d10	40	23.19	58		10	150
			Pyrene-d10	40	29.65	74		10	130
			Benzo(a)pyrene-d12	40	23.83	60		10	140
P2104-10	C0AB0	BN031201.D	1,4-Dioxane-d8	8	3.22	40		15	120
			Pyridine-d5	40	7.43	19	*	20	120
			Phenol-d5	40	17.02	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.35	46		10	150
			2-Chlorophenol-d4	40	18.42	46		15	120
			4-Methylphenol-d8	40	11.48	29		10	140
			Nitrobenzene-d5	40	18.61	47		10	135
			2-Nitrophenol-d4	40	18.22	46		10	120

Surrogate Summary

SW-846

SDG No.: BN042424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-10	C0AB0	BN031201.D	2,4-Dichlorophenol-d3	40	17.34	43		10	140
			4-Chloroaniline-d4	40	14.59	36		1	145
			Dimethylphthalate-d6	40	18.80	47		10	145
			Acenaphthylene-d8	40	19.06	48		15	120
			4-Nitrophenol-d4	40	13.19	33		10	150
			Fluorene-d10	40	19.71	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.51	26		10	130
			Anthracene-d10	40	19.39	48		10	150
			Pyrene-d10	40	21.56	54		10	130
			Benzo(a)pyrene-d12	40	21.34	53		10	140
P2104-15	C0AC6	BN031202.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Pyridine-d5	40	12.44	31		20	120
			Phenol-d5	40	20.17	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.44	51		10	150
			2-Chlorophenol-d4	40	20.90	52		15	120
			4-Methylphenol-d8	40	16.51	41		10	140
			Nitrobenzene-d5	40	20.88	52		10	135
			2-Nitrophenol-d4	40	21.02	53		10	120
			2,4-Dichlorophenol-d3	40	19.86	50		10	140
			4-Chloroaniline-d4	40	17.55	44		1	145
			Dimethylphthalate-d6	40	21.00	52		10	145
			Acenaphthylene-d8	40	21.68	54		15	120
			4-Nitrophenol-d4	40	18.15	45		10	150
			Fluorene-d10	40	21.91	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.99	35		10	130
			Anthracene-d10	40	22.18	55		10	150
			Pyrene-d10	40	24.45	61		10	130
			Benzo(a)pyrene-d12	40	24.84	62		10	140
P2104-16	C0AC8	BN031203.D	1,4-Dioxane-d8	8	3.10	39		15	120
			Pyridine-d5	40	6.53	16	*	20	120
			Phenol-d5	40	19.44	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.29	51		10	150
			2-Chlorophenol-d4	40	20.39	51		15	120
			4-Methylphenol-d8	40	14.97	37		10	140
			Nitrobenzene-d5	40	20.29	51		10	135
			2-Nitrophenol-d4	40	20.04	50		10	120
			2,4-Dichlorophenol-d3	40	20.04	50		10	140
			4-Chloroaniline-d4	40	17.05	43		1	145
			Dimethylphthalate-d6	40	21.33	53		10	145
			Acenaphthylene-d8	40	22.82	57		15	120
			4-Nitrophenol-d4	40	15.17	38		10	150
			Fluorene-d10	40	22.71	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.63	29		10	130
			Anthracene-d10	40	23.36	58		10	150
			Pyrene-d10	40	23.33	58		10	130
			Benzo(a)pyrene-d12	40	23.47	59		10	140
P2104-17	C0AC9	BN031204.D	1,4-Dioxane-d8	8	2.89	36		15	120
			Pyridine-d5	40	9.61	24		20	120
			Phenol-d5	40	19.54	49		10	130

Surrogate Summary

SW-846

SDG No.: BN042424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-17	C0AC9	BN031204.D	Bis(2-Chloroethyl)ether-d8	40	19.76	49		10	150
			2-Chlorophenol-d4	40	20.29	51		15	120
			4-Methylphenol-d8	40	17.36	43		10	140
			Nitrobenzene-d5	40	20.13	50		10	135
			2-Nitrophenol-d4	40	20.14	50		10	120
			2,4-Dichlorophenol-d3	40	19.52	49		10	140
			4-Chloroaniline-d4	40	17.69	44		1	145
			Dimethylphthalate-d6	40	21.03	53		10	145
			Acenaphthylene-d8	40	21.28	53		15	120
			4-Nitrophenol-d4	40	16.38	41		10	150
			Fluorene-d10	40	21.95	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.76	29		10	130
			Anthracene-d10	40	22.27	56		10	150
			Pyrene-d10	40	23.25	58		10	130
			Benzo(a)pyrene-d12	40	23.36	58		10	140
P2104-20	C0AL7	BN031205.D	1,4-Dioxane-d8	8	2.98	37		15	120
			Pyridine-d5	40	5.98	15	*	20	120
			Phenol-d5	40	17.00	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.00	45		10	150
			2-Chlorophenol-d4	40	18.34	46		15	120
			4-Methylphenol-d8	40	13.45	34		10	140
			Nitrobenzene-d5	40	18.69	47		10	135
			2-Nitrophenol-d4	40	17.99	45		10	120
			2,4-Dichlorophenol-d3	40	17.56	44		10	140
			4-Chloroaniline-d4	40	15.55	39		1	145
			Dimethylphthalate-d6	40	18.38	46		10	145
			Acenaphthylene-d8	40	19.73	49		15	120
			4-Nitrophenol-d4	40	12.88	32		10	150
			Fluorene-d10	40	19.79	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.41	26		10	130
			Anthracene-d10	40	20.60	52		10	150
			Pyrene-d10	40	20.58	51		10	130
P2104-21	C0AL8	BN031206.D	Benzo(a)pyrene-d12	40	19.89	50		10	140
			1,4-Dioxane-d8	8	3.06	38		15	120
			Pyridine-d5	40	14.29	36		20	120
			Phenol-d5	40	20.06	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.83	50		10	150
			2-Chlorophenol-d4	40	21.18	53		15	120
			4-Methylphenol-d8	40	19.54	49		10	140
			Nitrobenzene-d5	40	20.84	52		10	135
			2-Nitrophenol-d4	40	21.02	53		10	120
			2,4-Dichlorophenol-d3	40	20.78	52		10	140
			4-Chloroaniline-d4	40	17.26	43		1	145
			Dimethylphthalate-d6	40	21.19	53		10	145
			Acenaphthylene-d8	40	22.13	55		15	120
			4-Nitrophenol-d4	40	15.78	39		10	150
			Fluorene-d10	40	22.50	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.49	34		10	130
			Anthracene-d10	40	22.53	56		10	150



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Surrogate Summary

SW-846

SDG No.: BN042424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2104-21	C0AL8	BN031206.D	Pyrene-d10	40	23.33	58		10	130
			Benzo(a)pyrene-d12	40	23.82	60		10	140
PB160442BL	PB160442BL	BN031209.D	1,4-Dioxane-d8	8	5.06	63		15	120
			Pyridine-d5	40	25.55	64		20	120
			Phenol-d5	40	25.40	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.84	65		10	150
			2-Chlorophenol-d4	40	26.72	67		15	120
			4-Methylphenol-d8	40	25.48	64		10	140
			Nitrobenzene-d5	40	26.96	67		10	135
			2-Nitrophenol-d4	40	27.93	70		10	120
			2,4-Dichlorophenol-d3	40	25.28	63		10	140
			4-Chloroaniline-d4	40	25.11	63		1	145
			Dimethylphthalate-d6	40	25.77	64		10	145
			Acenaphthylene-d8	40	25.85	65		15	120
			4-Nitrophenol-d4	40	22.21	56		10	150
			Fluorene-d10	40	26.35	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.33	48		10	130
			Anthracene-d10	40	26.64	67		10	150
			Pyrene-d10	40	27.57	69		10	130
			Benzo(a)pyrene-d12	40	28.09	70		10	140

Surrogate Summary

SW-846

SDG No.: BN042424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2221-03	E0807	BN031196.D	1,4-Dioxane-d8	8	4.66	58		15	120
			Pyridine-d5	40	23.45	59		20	120
			Phenol-d5	40	25.95	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.66	67		10	150
			2-Chlorophenol-d4	40	27.14	68		15	120
			4-Methylphenol-d8	40	25.58	64		10	140
			Nitrobenzene-d5	40	27.14	68		10	135
			2-Nitrophenol-d4	40	27.01	68		10	120
			2,4-Dichlorophenol-d3	40	25.99	65		10	140
			4-Chloroaniline-d4	40	25.68	64		1	145
			Dimethylphthalate-d6	40	26.33	66		10	145
			Acenaphthylene-d8	40	27.70	69		15	120
			4-Nitrophenol-d4	40	21.93	55		10	150
			Fluorene-d10	40	28.20	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.23	41		10	130
			Anthracene-d10	40	28.71	72		10	150
			Pyrene-d10	40	29.26	73		10	130
			Benzo(a)pyrene-d12	40	28.60	71		10	140
P2221-04	E0808	BN031197.D	1,4-Dioxane-d8	8	3.52	44		15	120
			Pyridine-d5	40	16.99	42		20	120
			Phenol-d5	40	20.04	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.13	53		10	150
			2-Chlorophenol-d4	40	21.21	53		15	120
			4-Methylphenol-d8	40	20.10	50		10	140
			Nitrobenzene-d5	40	20.97	52		10	135
			2-Nitrophenol-d4	40	20.61	52		10	120
			2,4-Dichlorophenol-d3	40	20.91	52		10	140
			4-Chloroaniline-d4	40	20.57	51		1	145
			Dimethylphthalate-d6	40	22.08	55		10	145
			Acenaphthylene-d8	40	22.66	57		15	120
			4-Nitrophenol-d4	40	16.33	41		10	150
			Fluorene-d10	40	23.20	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.15	30		10	130
			Anthracene-d10	40	24.47	61		10	150
			Pyrene-d10	40	25.02	63		10	130
			Benzo(a)pyrene-d12	40	24.28	61		10	140
P2221-05	E0809	BN031198.D	1,4-Dioxane-d8	8	4.94	62		15	120
			Pyridine-d5	40	22.52	56		20	120
			Phenol-d5	40	27.53	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.60	69		10	150
			2-Chlorophenol-d4	40	28.61	72		15	120
			4-Methylphenol-d8	40	27.12	68		10	140
			Nitrobenzene-d5	40	28.84	72		10	135
			2-Nitrophenol-d4	40	28.68	72		10	120
			2,4-Dichlorophenol-d3	40	27.40	69		10	140
			4-Chloroaniline-d4	40	26.67	67		1	145
			Dimethylphthalate-d6	40	27.91	70		10	145
			Acenaphthylene-d8	40	29.13	73		15	120
			4-Nitrophenol-d4	40	23.15	58		10	150

Surrogate Summary

SW-846

SDG No.: BN042424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2221-05	E0809	BN031198.D	Fluorene-d10	40	29.03	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.98	45		10	130
			Anthracene-d10	40	30.23	76		10	150
			Pyrene-d10	40	29.92	75		10	130
			Benzo(a)pyrene-d12	40	29.50	74		10	140
P2221-06MS	E0809MS	BN031199.D	1,4-Dioxane-d8	8	5.56	69		15	120
			Pyridine-d5	40	22.99	57		20	120
			Phenol-d5	40	30.46	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.42	74		10	150
			2-Chlorophenol-d4	40	31.12	78		15	120
			4-Methylphenol-d8	40	30.91	77		10	140
			Nitrobenzene-d5	40	31.81	80		10	135
			2-Nitrophenol-d4	40	32.58	81		10	120
			2,4-Dichlorophenol-d3	40	32.72	82		10	140
			4-Chloroaniline-d4	40	27.52	69		1	145
			Dimethylphthalate-d6	40	30.87	77		10	145
			Acenaphthylene-d8	40	32.63	82		15	120
			4-Nitrophenol-d4	40	31.85	80		10	150
			Fluorene-d10	40	31.61	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.35	73		10	130
			Anthracene-d10	40	32.04	80		10	150
			Pyrene-d10	40	34.49	86		10	130
			Benzo(a)pyrene-d12	40	34.50	86		10	140
			1,4-Dioxane-d8	8	5.30	66		15	120
			Pyridine-d5	40	21.83	55		20	120
P2221-07MSD	E0809MSD	BN031200.D	Phenol-d5	40	29.51	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.38	71		10	150
			2-Chlorophenol-d4	40	29.64	74		15	120
			4-Methylphenol-d8	40	29.21	73		10	140
			Nitrobenzene-d5	40	30.35	76		10	135
			2-Nitrophenol-d4	40	31.16	78		10	120
			2,4-Dichlorophenol-d3	40	30.85	77		10	140
			4-Chloroaniline-d4	40	25.13	63		1	145
			Dimethylphthalate-d6	40	29.96	75		10	145
			Acenaphthylene-d8	40	30.88	77		15	120
			4-Nitrophenol-d4	40	30.03	75		10	150
			Fluorene-d10	40	30.17	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.40	71		10	130
			Anthracene-d10	40	30.63	77		10	150
			Pyrene-d10	40	32.12	80		10	130
			Benzo(a)pyrene-d12	40	31.72	79		10	140
			Pyridine-d5	40	26.64	67		20	120
			1,4-Dioxane-d8	8	5.00	62		15	120
			Phenol-d5	40	25.91	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.45	66		10	150
PB160461BL	PB160461BL	BN031195.D	2-Chlorophenol-d4	40	27.21	68		15	120
			4-Methylphenol-d8	40	25.60	64		10	140
			Nitrobenzene-d5	40	26.42	66		10	135
			2-Nitrophenol-d4	40	26.77	67		10	120

Surrogate Summary

SW-846

SDG No.: BN042424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160461BL	PB160461BL	BN031195.D	2,4-Dichlorophenol-d3	40	25.54	64		10	140
			4-Chloroaniline-d4	40	25.31	63		1	145
			Dimethylphthalate-d6	40	26.89	67		10	145
			Acenaphthylene-d8	40	27.11	68		15	120
			4-Nitrophenol-d4	40	21.67	54		10	150
			Fluorene-d10	40	27.13	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.66	44		10	130
			Anthracene-d10	40	28.19	70		10	150
			Pyrene-d10	40	29.47	74		10	130
			Benzo(a)pyrene-d12	40	28.16	70		10	140
			Pyridine-d5	40	26.81	67		20	120
			1,4-Dioxane-d8	8	5.85	73		15	120
			Phenol-d5	40	28.27	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.54	69		10	150
PB160461BS	PB160461BS	BN031207.D	2-Chlorophenol-d4	40	29.43	74		15	120
			4-Methylphenol-d8	40	27.34	68		10	140
			Nitrobenzene-d5	40	29.40	74		10	135
			2-Nitrophenol-d4	40	29.85	75		10	120
			2,4-Dichlorophenol-d3	40	29.26	73		10	140
			4-Chloroaniline-d4	40	25.25	63		1	145
			Dimethylphthalate-d6	40	27.00	68		10	145
			Acenaphthylene-d8	40	28.51	71		15	120
			4-Nitrophenol-d4	40	27.83	70		10	150
			Fluorene-d10	40	27.55	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.13	65		10	130
			Anthracene-d10	40	28.59	71		10	150
			Pyrene-d10	40	29.24	73		10	130
			Benzo(a)pyrene-d12	40	29.49	74		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN042424

Lab Code: CHEM

SAS No.: BN042424

SDG NO.: BN042424

Lab File ID: BN031193.D

DFTPP Injection Date: 04/24/2024

Instrument ID: BNA_N

DFTPP Injection Time: 18:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.3
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	38.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.2
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	25.2
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	68.9
443	15.0 - 24.0% of mass 442	13.6 (19.7) 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
SSTD020380	SSTDCCC020	BN031194.D	04/24/2024	18:50
SBLK461	PB160461BL	BN031195.D	04/24/2024	19:30
E0807	P2221-03	BN031196.D	04/24/2024	20:10
E0808	P2221-04	BN031197.D	04/24/2024	20:50
E0809	P2221-05	BN031198.D	04/24/2024	21:30
E0809MS	P2221-06MS	BN031199.D	04/24/2024	22:10
E0809MSD	P2221-07MSD	BN031200.D	04/24/2024	22:49
C0AB0	P2104-10	BN031201.D	04/24/2024	23:29
C0AC6	P2104-15	BN031202.D	04/25/2024	00:09
C0AC8	P2104-16	BN031203.D	04/25/2024	00:48
C0AC9	P2104-17	BN031204.D	04/25/2024	01:28
C0AL7	P2104-20	BN031205.D	04/25/2024	02:08
C0AL8	P2104-21	BN031206.D	04/25/2024	02:48
SLCS461	PB160461BS	BN031207.D	04/25/2024	03:28
SSTD020381	SSTDCCC020	BN031208.D	04/25/2024	04:47
SBLK442	PB160442BL	BN031209.D	04/25/2024	05:27
C0AA0	P2104-01	BN031210.D	04/25/2024	06:07
C0AA3	P2104-02	BN031211.D	04/25/2024	06:46

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN042424

Lab Code: CHEM

SAS No.: BN042424

SDG NO.: BN042424

Lab File ID: BN031193.D

DFTPP Injection Date: 04/24/2024

Instrument ID: BNA_N

DFTPP Injection Time: 18:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.3
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	38.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.2
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	25.2
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	68.9
443	15.0 - 24.0% of mass 442	13.6 (19.7) 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
C0AA5	P2104-03	BN031212.D	04/25/2024	07:26
C0AA8	P2104-08	BN031213.D	04/25/2024	08:05
C0AA9	P2104-09	BN031214.D	04/25/2024	08:45