

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080624 SAS No.: BM080624 SDG No.: BM080624

Instrument ID: BNA_M Calibration Date/Time: 8/6/2024 12:17:50

Lab File ID: BM047027.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020131 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.562	0.529	0.010	-5.8374	40.0
Benzaldehyde	0.873	1.031	0.010	18.1533	40.0
Pyridine	1.363	1.442	0.010	5.7454	40.0
Phenol	1.530	1.754	0.080	14.6591	20.0
Bis(2-Chloroethyl)ether	1.304	1.478	0.100	13.2966	20.0
2-Chlorophenol	1.304	1.423	0.200	9.1152	20.0
2-Methylphenol	1.166	1.308	0.010	12.2529	20.0
2,2-oxybis(1-Chloropropane)	1.563	1.903	0.010	21.8013	40.0
Acetophenone	1.894	2.116	0.060	11.716	20.0
4-Methylphenol	1.259	1.448	0.010	15.0151	20.0
N-Nitroso-di-n-propylamine	0.999	1.112	0.050	11.3183	30.0
Hexachloroethane	0.635	0.651	0.100	2.563	20.0
Nitrobenzene	0.429	0.428	0.050	-0.0958	25.0
Isophorone	0.734	0.765	0.050	4.215	25.0
2-Nitrophenol	0.192	0.202	0.050	5.5966	25.0
2,4-Dimethylphenol	0.378	0.373	0.050	-1.3641	25.0
Bis(2-Chloroethoxy)methane	0.452	0.481	0.050	6.4543	20.0
2,4-Dichlorophenol	0.336	0.342	0.060	1.8458	20.0
Naphthalene	1.059	1.064	0.200	0.5153	20.0
4-Chloroaniline	0.429	0.447	0.010	4.1562	40.0
Hexachlorobutadiene	0.242	0.222	0.040	-8.2274	30.0
Caprolactam	0.102	0.103	0.010	1.7186	40.0
4-Chloro-3-methylphenol	0.346	0.360	0.040	4.1234	25.0
1-Methylnaphthalene	0.749	0.769	0.100	2.7816	20.0
2-Methylnaphthalene	0.739	0.764	0.100	3.3849	20.0
Hexachlorocyclopentadiene	0.413	0.335	0.010	-19.0144	40.0
2,4,6-Trichlorophenol	0.411	0.423	0.090	3.1068	25.0
2,4,5-Trichlorophenol	0.443	0.452	0.100	2.0272	25.0
1,1-Biphenyl	1.496	1.500	0.200	0.2604	20.0
2-Chloronaphthalene	1.188	1.206	0.300	1.5225	20.0
2-Nitroaniline	0.361	0.378	0.050	4.5762	40.0
Dimethylphthalate	1.534	1.518	0.300	-1.0528	20.0
2,6-Dinitrotoluene	0.298	0.305	0.080	2.207	30.0
Acenaphthylene	1.803	1.802	0.400	-0.0663	20.0
3-Nitroaniline	0.304	0.315	0.010	3.7814	40.0
Acenaphthene	1.300	1.304	0.200	0.3119	20.0
2,4-Dinitrophenol	0.210	0.170	0.010	-19.415	40.0
4-Nitrophenol	0.299	0.253	0.010	-15.5539	40.0
Dibenzofuran	1.824	1.809	0.300	-0.8061	20.0

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Lab File ID: BM047027.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020131 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.456	0.448	0.070	-1.7496	30.0
Diethylphthalate	1.651	1.569	0.300	-4.9626	20.0
Fluorene	1.504	1.449	0.200	-3.6669	20.0
4-Chlorophenyl-phenylether	0.741	0.681	0.100	-8.0641	20.0
4-Nitroaniline	0.300	0.278	0.010	-7.321	40.0
4,6-Dinitro-2-methylphenol	0.138	0.132	0.010	-4.2925	40.0
N-Nitrosodiphenylamine	0.593	0.622	0.050	5.0019	20.0
1,2,4,5-Tetrachlorobenzene	0.627	0.607	0.100	-3.2662	20.0
4-Bromophenyl-phenylether	0.216	0.218	0.070	0.7066	20.0
Hexachlorobenzene	0.255	0.256	0.050	0.562	25.0
Atrazine	0.233	0.223	0.010	-4.1256	25.0
Pentachlorophenol	0.173	0.163	0.010	-5.7472	40.0
Phenanthrene	1.121	1.126	0.200	0.4606	20.0
Pentachlorobenzene	0.298	0.303	0.050	1.5824	20.0
Anthracene	1.131	1.132	0.200	0.1479	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.300	0.050	4.3615	20.0
Carbazole	1.048	1.052	0.050	0.344	40.0
Di-n-butylphthalate	1.333	1.289	0.500	-3.3219	25.0
Fluoranthene	1.368	1.506	0.400	10.0548	25.0
Pyrene	1.458	1.591	0.400	9.139	25.0
Butylbenzylphthalate	0.637	0.675	0.100	6.0016	40.0
3,3-Dichlorobenzidine	0.490	0.453	0.010	-7.5533	40.0
Benzo (a) anthracene	1.461	1.493	0.300	2.2353	30.0
Chrysene	1.393	1.403	0.200	0.724	30.0
Bis(2-ethylhexyl)phthalate	0.930	0.942	0.200	1.2743	40.0
Di-n-octyl phthalate	1.411	1.325	0.010	-6.0723	40.0
Benzo (b) fluoranthene	1.237	1.257	0.200	1.6293	25.0
Benzo (k) fluoranthene	1.223	1.255	0.200	2.6693	25.0
Benzo (a) pyrene	1.153	1.177	0.200	2.1167	20.0
Indeno (1,2,3-cd) pyrene	1.477	1.496	0.200	1.2893	25.0
Dibenzo (a,h) anthracene	1.186	1.210	0.200	2.0031	30.0
Benzo (g,h,i) perylene	1.167	1.171	0.200	0.3548	30.0
2,3,4,6-Tetrachlorophenol	0.394	0.368	0.040	-6.51	20.0
1,4-Dioxane-d8	0.505	0.497	0.010	-1.5261	25.0
Pyridine-d5	1.377	1.440	0.010	4.5977	40.0
Phenol-d5	1.519	1.688	0.010	11.1051	25.0
Bis- (2-Chloroethyl) ether-d8	1.000	1.140	0.050	14.0337	25.0
2-Chlorophenol-d4	1.287	1.390	0.200	7.9913	20.0
4-Methylphenol-d8	1.204	1.363	0.010	13.2242	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM080624 SAS No.: BM080624 SDG No.: BM080624

Instrument ID: BNA_M Calibration Date/Time: 8/6/2024 12:17:50

Lab File ID: BM047027.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020131 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.160	0.167	0.050	3.8194	20.0
2-Nitrophenol-d4	0.175	0.187	0.050	6.569	30.0
2,4-Dichlorophenol-d3	0.336	0.347	0.060	3.2195	20.0
4-Chloroaniline-d4	0.442	0.460	0.010	4.0655	40.0
Dimethylphthalate-d6	1.529	1.489	0.300	-2.6293	20.0
Acenaphthylene-d8	1.707	1.751	0.400	2.5811	20.0
4-Nitrophenol-d4	0.296	0.280	0.010	-5.3169	40.0
Fluorene-d10	1.308	1.299	0.100	-0.6689	20.0
4,6-Dinitro-2-methylphenol-d2	0.126	0.119	0.010	-6.125	40.0
Anthracene-d10	0.948	0.967	0.300	1.9578	20.0
Pyrene-d10	1.145	1.255	0.300	9.6327	25.0
Benzo(a)pyrene-d12	1.053	1.067	0.010	1.3315	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.: BM080624 SAS No.: BM080624 SDG No.: BM080624

Instrument ID: BNA_M Calibration Date/Time: 8/7/2024 12:03:21

Lab File ID: BM047040.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020132 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.562	0.452	0.010	-19.5389	40.0
Benzaldehyde	0.873	0.969	0.010	11.028	40.0
Pyridine	1.363	1.310	0.010	-3.9152	40.0
Phenol	1.530	1.686	0.080	10.1709	20.0
Bis(2-Chloroethyl)ether	1.304	1.357	0.100	4.0373	20.0
2-Chlorophenol	1.304	1.400	0.200	7.3667	20.0
2-Methylphenol	1.166	1.298	0.010	11.3337	20.0
2,2-oxybis(1-Chloropropane)	1.563	1.761	0.010	12.67	40.0
Acetophenone	1.894	2.013	0.060	6.2515	20.0
4-Methylphenol	1.259	1.416	0.010	12.405	20.0
N-Nitroso-di-n-propylamine	0.999	1.054	0.050	5.5169	30.0
Hexachloroethane	0.635	0.604	0.100	-4.9127	20.0
Nitrobenzene	0.429	0.414	0.050	-3.3818	25.0
Isophorone	0.734	0.748	0.050	1.9637	25.0
2-Nitrophenol	0.192	0.206	0.050	7.52	25.0
2,4-Dimethylphenol	0.378	0.373	0.050	-1.2365	25.0
Bis(2-Chloroethoxy)methane	0.452	0.455	0.050	0.5445	20.0
2,4-Dichlorophenol	0.336	0.353	0.060	5.0494	20.0
Naphthalene	1.059	1.071	0.200	1.1731	20.0
4-Chloroaniline	0.429	0.453	0.010	5.4295	40.0
Hexachlorobutadiene	0.242	0.223	0.040	-7.8612	30.0
Caprolactam	0.102	0.112	0.010	10.0154	40.0
4-Chloro-3-methylphenol	0.346	0.358	0.040	3.4517	25.0
1-Methylnaphthalene	0.749	0.765	0.100	2.2501	20.0
2-Methylnaphthalene	0.739	0.762	0.100	3.1	20.0
Hexachlorocyclopentadiene	0.413	0.305	0.010	-26.285	40.0
2,4,6-Trichlorophenol	0.411	0.445	0.090	8.4685	25.0
2,4,5-Trichlorophenol	0.443	0.483	0.100	9.033	25.0
1,1-Biphenyl	1.496	1.503	0.200	0.4332	20.0
2-Chloronaphthalene	1.188	1.227	0.300	3.2786	20.0
2-Nitroaniline	0.361	0.370	0.050	2.5737	40.0
Dimethylphthalate	1.534	1.497	0.300	-2.4501	20.0
2,6-Dinitrotoluene	0.298	0.322	0.080	7.9063	30.0
Acenaphthylene	1.803	1.858	0.400	3.0708	20.0
3-Nitroaniline	0.304	0.350	0.010	15.1045	40.0
Acenaphthene	1.300	1.306	0.200	0.4669	20.0
2,4-Dinitrophenol	0.210	0.170	0.010	-18.9995	40.0
4-Nitrophenol	0.299	0.239	0.010	-20.0984	40.0
Dibenzofuran	1.824	1.811	0.300	-0.7269	20.0

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Instrument ID: BNA_M Calibration Date/Time: 8/7/2024 12:03:21

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EPA Sample No.: SSTD020132 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.456	0.463	0.070	1.5784	30.0
Diethylphthalate	1.651	1.530	0.300	-7.3414	20.0
Fluorene	1.504	1.475	0.200	-1.9357	20.0
4-Chlorophenyl-phenylether	0.741	0.699	0.100	-5.5738	20.0
4-Nitroaniline	0.300	0.338	0.010	12.544	40.0
4,6-Dinitro-2-methylphenol	0.138	0.126	0.010	-8.8809	40.0
N-Nitrosodiphenylamine	0.593	0.617	0.050	4.0252	20.0
1,2,4,5-Tetrachlorobenzene	0.627	0.641	0.100	2.1504	20.0
4-Bromophenyl-phenylether	0.216	0.222	0.070	2.3381	20.0
Hexachlorobenzene	0.255	0.259	0.050	1.5512	25.0
Atrazine	0.233	0.231	0.010	-0.8303	25.0
Pentachlorophenol	0.173	0.173	0.010	0.3803	40.0
Phenanthrene	1.121	1.118	0.200	-0.2462	20.0
Pentachlorobenzene	0.298	0.309	0.050	3.8165	20.0
Anthracene	1.131	1.129	0.200	-0.1141	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.319	0.050	10.8683	20.0
Carbazole	1.048	1.051	0.050	0.2711	40.0
Di-n-butylphthalate	1.333	1.289	0.500	-3.2981	25.0
Fluoranthene	1.368	1.590	0.400	16.1831	25.0
Pyrene	1.458	1.638	0.400	12.3747	25.0
Butylbenzylphthalate	0.637	0.725	0.100	13.783	40.0
3,3-Dichlorobenzidine	0.490	0.445	0.010	-9.1447	40.0
Benzo (a) anthracene	1.461	1.489	0.300	1.934	30.0
Chrysene	1.393	1.376	0.200	-1.2315	30.0
Bis(2-ethylhexyl)phthalate	0.930	1.019	0.200	9.5601	40.0
Di-n-octyl phthalate	1.411	1.550	0.010	9.8619	40.0
Benzo (b) fluoranthene	1.237	1.269	0.200	2.6045	25.0
Benzo (k) fluoranthene	1.223	1.262	0.200	3.2335	25.0
Benzo (a) pyrene	1.153	1.176	0.200	2.0477	20.0
Indeno (1,2,3-cd) pyrene	1.477	1.505	0.200	1.9067	25.0
Dibenzo (a,h) anthracene	1.186	1.206	0.200	1.6496	30.0
Benzo (g,h,i) perylene	1.167	1.182	0.200	1.2886	30.0
2,3,4,6-Tetrachlorophenol	0.394	0.396	0.040	0.4688	20.0
1,4-Dioxane-d8	0.505	0.433	0.010	-14.1485	25.0
Pyridine-d5	1.377	1.301	0.010	-5.5407	40.0
Phenol-d5	1.519	1.655	0.010	8.9197	25.0
Bis- (2-Chloroethyl) ether-d8	1.000	1.026	0.050	2.6227	25.0
2-Chlorophenol-d4	1.287	1.350	0.200	4.8761	20.0
4-Methylphenol-d8	1.204	1.331	0.010	10.5809	20.0

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Lab File ID: BM047040.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020132 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.160	0.171	0.050	6.4221	20.0
2-Nitrophenol-d4	0.175	0.194	0.050	10.4252	30.0
2,4-Dichlorophenol-d3	0.336	0.362	0.060	7.4827	20.0
4-Chloroaniline-d4	0.442	0.463	0.010	4.7057	40.0
Dimethylphthalate-d6	1.529	1.514	0.300	-0.9998	20.0
Acenaphthylene-d8	1.707	1.794	0.400	5.0871	20.0
4-Nitrophenol-d4	0.296	0.297	0.010	0.4155	40.0
Fluorene-d10	1.308	1.300	0.100	-0.6459	20.0
4,6-Dinitro-2-methylphenol-d2	0.126	0.115	0.010	-9.0704	40.0
Anthracene-d10	0.948	0.961	0.300	1.3091	20.0
Pyrene-d10	1.145	1.308	0.300	14.2414	25.0
Benzo(a)pyrene-d12	1.053	1.088	0.010	3.2957	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK449	SDG No.:	BM080624
Lab Sample ID:	PB162449BL	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
BM047028.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
108-95-2	Phenol	35	U	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	36	U	36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	42.5	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28	U	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK449	SDG No.:	BM080624
Lab Sample ID:	PB162449BL	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
BM047028.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.5	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	44	U	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	44	U	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK449	SDG No.:	BM080624
Lab Sample ID:	PB162449BL	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
BM047028.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.671		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	30.551		20-120		76	SPK: -40
4165-62-2	Phenol-d5	32.392		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.555		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.172		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	31.881		10-140		80	SPK: -40
4165-60-0	Nitrobenzene-d5	31.074		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.156		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.193		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.565		1-145		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.249		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	30.924		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.84		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	29.461		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK449	SDG No.:	BM080624
Lab Sample ID:	PB162449BL	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
BM047028.D	1	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.479		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	30.728		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	33.283		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.343		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198274	7.398				
1146-65-2	Naphthalene-d8	769912	10.151				
15067-26-2	Acenaphthene-d10	469248	14.051				
1517-22-2	Phenanthrene-d10	905944	16.81				
1719-03-5	Chrysene-d12	753622	21.045				
1520-96-3	Perylene-d12	860885	23.75				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX0DL	SDG No.:	BM080624
Lab Sample ID:	P3171-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047029.D	30	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	470	U	470	240	2400	ug/Kg
100-52-7	Benzaldehyde	2700	U	2700	3000	12000	ug/Kg
110-86-1	Pyridine	1600	U	1600	6000	12000	ug/Kg
108-95-2	Phenol	1300	U	1300	3000	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200	U	1200	3000	12000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1500	6200	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3000	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	980	U	980	3000	12000	ug/Kg
98-86-2	Acetophenone	1400	U	1400	3000	12000	ug/Kg
106-44-5	4-Methylphenol	1200	U	1200	3000	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100	U	1100	1500	6200	ug/Kg
67-72-1	Hexachloroethane	830	U	830	1500	6200	ug/Kg
98-95-3	Nitrobenzene	1300	U	1300	1500	6200	ug/Kg
78-59-1	Isophorone	1200	U	1200	1500	6200	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1500	6200	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	U	1000	1500	6200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1500	6200	ug/Kg
120-83-2	2,4-Dichlorophenol	1400	U	1400	1500	6200	ug/Kg
91-20-3	Naphthalene	1200	U	1200	1500	6200	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1500	6200	ug/Kg
105-60-2	Caprolactam	4400	U	4400	3000	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1500	6200	ug/Kg
90-12-0	1-Methylnaphthalene	1500	U	1500	1500	6200	ug/Kg
91-57-6	2-Methylnaphthalene	1400	JD	1300	1500	6200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	U	2900	3000	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1500	6200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500	U	1500	1500	6200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX0DL	SDG No.:	BM080624
Lab Sample ID:	P3171-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047029.D	30	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700	U	1700	1500	6200	ug/Kg
91-58-7	2-Chloronaphthalene	1600	U	1600	1500	6200	ug/Kg
88-74-4	2-Nitroaniline	800	U	800	1500	6200	ug/Kg
131-11-3	Dimethylphthalate	1500	U	1500	1500	6200	ug/Kg
606-20-2	2,6-Dinitrotoluene	760	U	760	1500	6200	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1500	6200	ug/Kg
99-09-2	3-Nitroaniline	730	U	730	3000	12000	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1500	6200	ug/Kg
51-28-5	2,4-Dinitrophenol	4400	U	4400	3000	12000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	3000	12000	ug/Kg
132-64-9	Dibenzofuran	1700	U	1700	1500	6200	ug/Kg
121-14-2	2,4-Dinitrotoluene	980	U	980	1500	6200	ug/Kg
84-66-2	Diethylphthalate	2200	U	2200	1500	6200	ug/Kg
86-73-7	Fluorene	1600	U	1600	1500	6200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700	U	1700	1500	6200	ug/Kg
100-01-6	4-Nitroaniline	1500	U	1500	3000	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	580	U	580	3000	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1500	6200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	1500	6200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600	U	1600	1500	6200	ug/Kg
118-74-1	Hexachlorobenzene	1800	U	1800	1500	6200	ug/Kg
1912-24-9	Atrazine	1400	U	1400	3000	12000	ug/Kg
87-86-5	Pentachlorophenol	150000	D	3200	3000	12000	ug/Kg
85-01-8	Phenanthrene	1600	U	1600	1500	6200	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1500	6200	ug/Kg
120-12-7	Anthracene	1600	U	1600	1500	6200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	1500	6200	ug/Kg
86-74-8	Carbazole	1600	U	1600	3000	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1500	6200	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	3000	6200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX0DL	SDG No.:	BM080624
Lab Sample ID:	P3171-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047029.D	30	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600	U	1600	1500	6200	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1500	6200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	830	U	830	3000	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1400	U	1400	1500	6200	ug/Kg
218-01-9	Chrysene	1600	U	1600	1500	6200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600	U	1600	1500	6200	ug/Kg
117-84-0	Di-n-octyl phthalate	1200	U	1200	3000	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	U	1500	1500	6200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	U	1600	1500	6200	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1500	6200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300	U	1300	1500	6200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	1500	6200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1500	6200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	10000	D	1300	1500	6200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	10.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	26.43		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.11		10-150		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.17		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	24.21		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	28.71		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.38		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.9		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.44		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.69		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	28.05		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	29.43		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX0DL	SDG No.:	BM080624
Lab Sample ID:	P3171-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047029.D	30	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	28.38		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	28.41		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.99		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161715	7.398				
1146-65-2	Naphthalene-d8	624527	10.151				
15067-26-2	Acenaphthene-d10	396787	14.051				
1517-22-2	Phenanthrene-d10	845145	16.81				
1719-03-5	Chrysene-d12	764444	21.045				
1520-96-3	Perylene-d12	880728	23.75				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.463	5400	JD			5.463	
	(DEL) Alkane: Straight-Chain6.475	3000	JD			6.475	
000526-73-8	Benzene, 1,2,3-trimethyl-	2600	JD			6.504	
	(DEL) Alkane: Straight-Chain6.575	5800	JD			6.575	
019549-80-5	2-Heptanone, 4,6-dimethyl-	2500	JD			6.851	
	(DEL) Alkane: Straight-Chain7.040	19000	JD			7.04	
000104-76-7	1-Hexanol, 2-ethyl-	5800	JD			7.475	
	unknown-01	8400	JD			7.628	
	(DEL) Alkane: Straight-Chain7.934	4100	JD			7.934	
018368-95-1	1,3,8-p-Menthatriene	3000	JD			8.034	
	(DEL) Alkane: Straight-Chain8.063	3400	JD			8.063	
	(DEL) Alkane: Straight-Chain8.163	2800	JD			8.163	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	3400	JD			8.492	
1000382-90-9	Carbonic acid, prop-1-en-2-yl tetr	15000	JD			8.622	
000149-57-5	Hexanoic acid, 2-ethyl-	7700	JD			8.71	
	unknown-02	3100	JD			10.298	
	unknown-03	4200	JD			10.551	

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX0DL	SDG No.:	BM080624
Lab Sample ID:	P3171-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047029.D	30	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
054340-86-2	Benzene, 4-(2-butenyl)-1,2-dimethy	4300	JD			11.269	
000126-30-7	Neopentyl glycol	3500	JD			11.445	
	(DEL) Alkane: Straight-Chain11.610	4100	JD			11.61	
	unknown-04	2500	JD			11.651	
	(DEL) Alkane: Straight-Chain12.892	4500	JD			12.892	
	(DEL) Alkane: Straight-Chain13.569	2500	JD			13.569	
1000309-39-2	Oxalic acid, 2-ethylhexyl nonyl es	9200	JD			13.986	
032962-25-7	1H-Indole, 4-(3-methyl-2-butenyl)-	5300	JD			14.21	
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d	5900	JD			14.833	
	(DEL) Alkane: Straight-Chain14.951	4100	JD			14.951	
	unknown-05	2800	JD			15.716	
	(DEL) Alkane: Straight-Chain15.816	3200	JD			15.816	
E966796	Total Alkanes	62000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX5DL	SDG No.:	BM080624
Lab Sample ID:	P3171-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
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
BM047030.D	20	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	300	U	300	150	1500	ug/Kg
100-52-7	Benzaldehyde	1700	U	1700	1900	7700	ug/Kg
110-86-1	Pyridine	1000	U	1000	3800	7700	ug/Kg
108-95-2	Phenol	810	U	810	1900	7700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	790	U	790	1900	7700	ug/Kg
95-57-8	2-Chlorophenol	650	U	650	990	3900	ug/Kg
95-48-7	2-Methylphenol	700	U	700	1900	7700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	630	U	630	1900	7700	ug/Kg
98-86-2	Acetophenone	880	U	880	1900	7700	ug/Kg
106-44-5	4-Methylphenol	740	U	740	1900	7700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	670	U	670	990	3900	ug/Kg
67-72-1	Hexachloroethane	530	U	530	990	3900	ug/Kg
98-95-3	Nitrobenzene	840	U	840	990	3900	ug/Kg
78-59-1	Isophorone	790	U	790	990	3900	ug/Kg
88-75-5	2-Nitrophenol	740	U	740	990	3900	ug/Kg
105-67-9	2,4-Dimethylphenol	650	U	650	990	3900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	880	U	880	990	3900	ug/Kg
120-83-2	2,4-Dichlorophenol	910	U	910	990	3900	ug/Kg
91-20-3	Naphthalene	790	U	790	990	3900	ug/Kg
106-47-8	4-Chloroaniline	1000	U	1000	990	7700	ug/Kg
87-68-3	Hexachlorobutadiene	790	U	790	990	3900	ug/Kg
105-60-2	Caprolactam	2800	U	2800	1900	7700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	650	U	650	990	3900	ug/Kg
90-12-0	1-Methylnaphthalene	950	U	950	990	3900	ug/Kg
91-57-6	2-Methylnaphthalene	860	U	860	990	3900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800	U	1800	1900	7700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000	U	1000	990	3900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980	U	980	990	3900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX5DL	SDG No.:	BM080624
Lab Sample ID:	P3171-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
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
BM047030.D	20	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	990	3900	ug/Kg
91-58-7	2-Chloronaphthalene	1000	U	1000	990	3900	ug/Kg
88-74-4	2-Nitroaniline	510	U	510	990	3900	ug/Kg
131-11-3	Dimethylphthalate	980	U	980	990	3900	ug/Kg
606-20-2	2,6-Dinitrotoluene	490	U	490	990	3900	ug/Kg
208-96-8	Acenaphthylene	1000	U	1000	990	3900	ug/Kg
99-09-2	3-Nitroaniline	460	U	460	1900	7700	ug/Kg
83-32-9	Acenaphthene	950	U	950	990	3900	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	U	2800	1900	7700	ug/Kg
100-02-7	4-Nitrophenol	950	U	950	1900	7700	ug/Kg
132-64-9	Dibenzofuran	1100	U	1100	990	3900	ug/Kg
121-14-2	2,4-Dinitrotoluene	630	U	630	990	3900	ug/Kg
84-66-2	Diethylphthalate	1400	U	1400	990	3900	ug/Kg
86-73-7	Fluorene	1000	U	1000	990	3900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	990	3900	ug/Kg
100-01-6	4-Nitroaniline	980	U	980	1900	7700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	370	1900	7700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	980	U	980	990	3900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200	U	1200	990	3900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000	U	1000	990	3900	ug/Kg
118-74-1	Hexachlorobenzene	1200	U	1200	990	3900	ug/Kg
1912-24-9	Atrazine	910	U	910	1900	7700	ug/Kg
87-86-5	Pentachlorophenol	25000	D	2000	1900	7700	ug/Kg
85-01-8	Phenanthrene	1000	U	1000	990	3900	ug/Kg
608-93-5	Pentachlorobenzene	1200	U	1200	990	3900	ug/Kg
120-12-7	Anthracene	1000	U	1000	990	3900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	770	U	770	990	3900	ug/Kg
86-74-8	Carbazole	1000	U	1000	1900	7700	ug/Kg
84-74-2	Di-n-butylphthalate	980	U	980	990	3900	ug/Kg
206-44-0	Fluoranthene	1000	U	1000	1900	3900	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX5DL	SDG No.:	BM080624
Lab Sample ID:	P3171-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
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
BM047030.D	20	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000	U	1000	990	3900	ug/Kg
85-68-7	Butylbenzylphthalate	740	U	740	990	3900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	530	U	530	1900	7700	ug/Kg
56-55-3	Benzo(a)anthracene	910	U	910	990	3900	ug/Kg
218-01-9	Chrysene	1000	U	1000	990	3900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000	U	1000	990	3900	ug/Kg
117-84-0	Di-n-octyl phthalate	790	U	790	1900	7700	ug/Kg
205-99-2	Benzo(b)fluoranthene	980	U	980	990	3900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000	U	1000	990	3900	ug/Kg
50-32-8	Benzo(a)pyrene	980	U	980	990	3900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	860	U	860	990	3900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	860	U	860	990	3900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	810	U	810	990	3900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2300	JD	860	990	3900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	6.8	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	34.28		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.98		10-150		100	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.04		15-120		85	SPK: -40
190780-66-6	4-Methylphenol-d8	32.92		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	33.98		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.5		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.92		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.06		1-145		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.44		10-145		96	SPK: -40
93951-97-4	Acenaphthylene-d8	36.86		15-120		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	39.08		20-140		98	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	DCVX5DL	SDG No.:	BM080624
Lab Sample ID:	P3171-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
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
BM047030.D	20	8/1/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162449

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	38.52		10-150		96	SPK: -40
1718-52-1	Pyrene-d10	40.14		10-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.02		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166322	7.398				
1146-65-2	Naphthalene-d8	627404	10.151				
15067-26-2	Acenaphthene-d10	385866	14.051				
1517-22-2	Phenanthrene-d10	784275	16.809				
1719-03-5	Chrysene-d12	699856	21.044				
1520-96-3	Perylene-d12	801986	23.75				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.039	5000	JD			7.039	
000104-76-7	1-Hexanol, 2-ethyl-	3100	JD			7.481	
	(DEL) Alkane: Straight-Chain8.622	4300	JD			8.622	
E966796	Total Alkanes	9300	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E13DL	SDG No.:	BM080624
Lab Sample ID:	P3329-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047031.D	5	7/22/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	79	U	79	40.4	410	ug/Kg
100-52-7	Benzaldehyde	460	U	460	500	2000	ug/Kg
110-86-1	Pyridine	260	U	260	1000	2000	ug/Kg
108-95-2	Phenol	230	JD	210	500	2000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	210	U	210	500	2000	ug/Kg
95-57-8	2-Chlorophenol	170	U	170	260	1000	ug/Kg
95-48-7	2-Methylphenol	180	U	180	500	2000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	170	500	2000	ug/Kg
98-86-2	Acetophenone	230	U	230	500	2000	ug/Kg
106-44-5	4-Methylphenol	270	JD	200	500	2000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	180	U	180	260	1000	ug/Kg
67-72-1	Hexachloroethane	140	U	140	260	1000	ug/Kg
98-95-3	Nitrobenzene	220	U	220	260	1000	ug/Kg
78-59-1	Isophorone	210	U	210	260	1000	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	260	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	170	U	170	260	1000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	230	U	230	260	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	260	1000	ug/Kg
91-20-3	Naphthalene	8100	D	210	260	1000	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	260	2000	ug/Kg
87-68-3	Hexachlorobutadiene	210	U	210	260	1000	ug/Kg
105-60-2	Caprolactam	730	U	730	500	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	260	1000	ug/Kg
90-12-0	1-Methylnaphthalene	1200	D	250	260	1000	ug/Kg
91-57-6	2-Methylnaphthalene	2700	D	230	260	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	480	U	480	500	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	260	U	260	260	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	260	U	260	260	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E13DL	SDG No.:	BM080624
Lab Sample ID:	P3329-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047031.D	5	7/22/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	550	JD	290	260	1000	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	260	1000	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	260	1000	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	260	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	260	1000	ug/Kg
208-96-8	Acenaphthylene	260	U	260	260	1000	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	500	2000	ug/Kg
83-32-9	Acenaphthene	1900	D	250	260	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	730	U	730	500	2000	ug/Kg
100-02-7	4-Nitrophenol	250	U	250	500	2000	ug/Kg
132-64-9	Dibenzofuran	1500	D	280	260	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	U	170	260	1000	ug/Kg
84-66-2	Diethylphthalate	370	U	370	260	1000	ug/Kg
86-73-7	Fluorene	1800	D	280	260	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	260	1000	ug/Kg
100-01-6	4-Nitroaniline	260	U	260	500	2000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	500	2000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	260	U	260	260	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	310	260	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	280	U	280	260	1000	ug/Kg
118-74-1	Hexachlorobenzene	310	U	310	260	1000	ug/Kg
1912-24-9	Atrazine	240	U	240	500	2000	ug/Kg
87-86-5	Pentachlorophenol	530	U	530	500	2000	ug/Kg
85-01-8	Phenanthrene	4700	D	270	260	1000	ug/Kg
608-93-5	Pentachlorobenzene	310	U	310	260	1000	ug/Kg
120-12-7	Anthracene	750	JD	260	260	1000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	200	U	200	260	1000	ug/Kg
86-74-8	Carbazole	470	JD	280	500	2000	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	260	1000	ug/Kg
206-44-0	Fluoranthene	2300	D	270	500	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E13DL	SDG No.:	BM080624
Lab Sample ID:	P3329-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047031.D	5	7/22/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500	D	270	260	1000	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	260	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	500	2000	ug/Kg
56-55-3	Benzo(a)anthracene	450	JD	240	260	1000	ug/Kg
218-01-9	Chrysene	390	JD	280	260	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	U	270	260	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	210	U	210	500	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	U	260	260	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	U	280	260	1000	ug/Kg
50-32-8	Benzo(a)pyrene	260	U	260	260	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	U	230	260	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230	U	230	260	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	U	210	260	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	230	260	1000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.93		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	16.92		20-120		42	SPK: -40
4165-62-2	Phenol-d5	18.16		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.1		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.495		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	18.205		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	18.05		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.425		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.095		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.625		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.05		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.43		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.04		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	19.525		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	7/19/2024 12:00:00 AM
Project:		Date Received:	7/19/2024 12:00:00 AM
Client Sample ID:	F7E13DL	SDG No.:	BM080624
Lab Sample ID:	P3329-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047031.D	5	7/22/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.29		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	20.06		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	19.82		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.985		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169499	7.398				
1146-65-2	Naphthalene-d8	651632	10.151				
15067-26-2	Acenaphthene-d10	402851	14.051				
1517-22-2	Phenanthrene-d10	810634	16.809				
1719-03-5	Chrysene-d12	776791	21.044				
1520-96-3	Perylene-d12	932328	23.75				
TENTATIVE IDENTIFIED COMPOUNDS							
000581-40-8	Naphthalene, 2,3-dimethyl-	460	JD			13.368	
002531-84-2	Phenanthrene, 2-methyl-	550	JD			17.739	
000203-64-5	4H-Cyclopenta[def]phenanthrene	680	JD			17.88	
E966796	Total Alkanes	290	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L4	SDG No.:	BM080624
Lab Sample ID:	P3328-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047032.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7	71	ug/Kg
100-52-7	Benzaldehyde	80	U	80	87.7	350	ug/Kg
110-86-1	Pyridine	46	U	46	180	350	ug/Kg
108-95-2	Phenol	37	U	37	87.7	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	87.7	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.2	180	ug/Kg
95-48-7	2-Methylphenol	32	U	32	87.7	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	87.7	350	ug/Kg
98-86-2	Acetophenone	50	J	40	87.7	350	ug/Kg
106-44-5	4-Methylphenol	34	U	34	87.7	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	31	U	31	45.2	180	ug/Kg
67-72-1	Hexachloroethane	24	U	24	45.2	180	ug/Kg
98-95-3	Nitrobenzene	38	U	38	45.2	180	ug/Kg
78-59-1	Isophorone	36	U	36	45.2	180	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	45.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	45.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	45.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.2	180	ug/Kg
91-20-3	Naphthalene	36	U	36	45.2	180	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	45.2	350	ug/Kg
87-68-3	Hexachlorobutadiene	36	U	36	45.2	180	ug/Kg
105-60-2	Caprolactam	130	U	130	87.7	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30	U	30	45.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	45.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	45.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	84	U	84	87.7	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46	U	46	45.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	45.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L4	SDG No.:	BM080624
Lab Sample ID:	P3328-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047032.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	45.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	45.2	180	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	45.2	180	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	45.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	45.2	180	ug/Kg
208-96-8	Acenaphthylene	46	U	46	45.2	180	ug/Kg
99-09-2	3-Nitroaniline	21	U	21	87.7	350	ug/Kg
83-32-9	Acenaphthene	44	U	44	45.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	87.7	350	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	87.7	350	ug/Kg
132-64-9	Dibenzofuran	49	U	49	45.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	45.2	180	ug/Kg
84-66-2	Diethylphthalate	64	U	64	45.2	180	ug/Kg
86-73-7	Fluorene	48	U	48	45.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	50	U	50	45.2	180	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	87.7	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	87.7	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	45.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	45.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48	U	48	45.2	180	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	45.2	180	ug/Kg
1912-24-9	Atrazine	41	U	41	87.7	350	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	87.7	350	ug/Kg
85-01-8	Phenanthrene	180		47	45.2	180	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	45.2	180	ug/Kg
120-12-7	Anthracene	50	J	46	45.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	35	U	35	45.2	180	ug/Kg
86-74-8	Carbazole	48	U	48	87.7	350	ug/Kg
84-74-2	Di-n-butylphthalate	45	U	45	45.2	180	ug/Kg
206-44-0	Fluoranthene	290		47	87.7	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L4	SDG No.:	BM080624
Lab Sample ID:	P3328-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047032.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	47	45.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	34	U	34	45.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	24	U	24	87.7	350	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	41	45.2	180	ug/Kg
218-01-9	Chrysene	110	J	48	45.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	U	47	45.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	36	U	36	87.7	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	45	45.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	45.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	46	J	45	45.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	45.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	45.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	45.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.242		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	1.393	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	18.02		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.252		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.93		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	15.027		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	17.225		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.177		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.83		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.534		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.884		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.219		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.815		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	17.852		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L4	SDG No.:	BM080624
Lab Sample ID:	P3328-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047032.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.495		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	18.853		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	15.178		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.358		10-140		28	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	283546	7.398				
1146-65-2	Naphthalene-d8	1064850	10.151				
15067-26-2	Acenaphthene-d10	659591	14.051				
1517-22-2	Phenanthrene-d10	1375846	16.809				
1719-03-5	Chrysene-d12	1409529	21.044				
1520-96-3	Perylene-d12	1612292	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	95	J			17.745	
E966796	Total Alkanes	51	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L7	SDG No.:	BM080624
Lab Sample ID:	P3328-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047033.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	85	U	85	93.5	370	ug/Kg
110-86-1	Pyridine	49	U	49	190	370	ug/Kg
108-95-2	Phenol	40	U	40	93.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	93.5	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.2	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	93.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	93.5	370	ug/Kg
98-86-2	Acetophenone	43	U	43	93.5	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	93.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.2	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.2	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.2	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.2	190	ug/Kg
91-20-3	Naphthalene	39	U	39	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.2	190	ug/Kg
105-60-2	Caprolactam	140	U	140	93.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	93.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L7	SDG No.:	BM080624
Lab Sample ID:	P3328-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047033.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.2	190	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	93.5	370	ug/Kg
83-32-9	Acenaphthene	46	U	46	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	93.5	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	93.5	370	ug/Kg
132-64-9	Dibenzofuran	52	U	52	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.2	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	48.2	190	ug/Kg
86-73-7	Fluorene	57	J	51	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	93.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	93.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.2	190	ug/Kg
1912-24-9	Atrazine	44	U	44	93.5	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.5	370	ug/Kg
85-01-8	Phenanthrene	620		50	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.2	190	ug/Kg
120-12-7	Anthracene	180	J	49	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	48.2	190	ug/Kg
86-74-8	Carbazole	51	U	51	93.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.2	190	ug/Kg
206-44-0	Fluoranthene	1200		50	93.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L7	SDG No.:	BM080624
Lab Sample ID:	P3328-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047033.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	610		50	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	93.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	430		44	48.2	190	ug/Kg
218-01-9	Chrysene	400		51	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	93.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	500		48	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	51	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	48	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	42	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	J	42	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.682		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	12.236		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.955		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.927		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	11.296		10-140		28	SPK: -40
4165-60-0	Nitrobenzene-d5	12.001		10-135		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.872		10-120		30	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.003		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.886		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.208		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	12.728		15-120		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.667		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	12.51		20-140		31	SPK: -40

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L7	SDG No.:	BM080624
Lab Sample ID:	P3328-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047033.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.999		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	13.114		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	12.091		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.328		10-140		18	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	338751	7.398				
1146-65-2	Naphthalene-d8	1281551	10.157				
15067-26-2	Acenaphthene-d10	767534	14.057				
1517-22-2	Phenanthrene-d10	1466764	16.815				
1719-03-5	Chrysene-d12	1088884	21.05				
1520-96-3	Perylene-d12	1257653	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	140	J			17.745	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			17.886	
000243-17-4	11H-Benzo[b]fluorene	99	J			19.762	
000238-84-6	11H-Benzo[a]fluorene	85	J			19.862	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20M2	SDG No.:	BM080624
Lab Sample ID:	P3328-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047034.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.9	79	ug/Kg
100-52-7	Benzaldehyde	89	U	89	98.2	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	42	U	42	98.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	98.2	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.6	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.2	390	ug/Kg
98-86-2	Acetophenone	45	U	45	98.2	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	50.6	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.6	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.6	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.6	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.6	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.6	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.6	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	50.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	98.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20M2	SDG No.:	BM080624
Lab Sample ID:	P3328-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047034.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	50.6	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.6	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.6	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.6	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.2	390	ug/Kg
83-32-9	Acenaphthene	49	U	49	50.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.2	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.2	390	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.6	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.6	200	ug/Kg
86-73-7	Fluorene	54	U	54	50.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.6	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	50.6	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.6	200	ug/Kg
1912-24-9	Atrazine	46	U	46	98.2	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.2	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50.6	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.6	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.6	200	ug/Kg
86-74-8	Carbazole	54	U	54	98.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.6	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	98.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20M2	SDG No.:	BM080624
Lab Sample ID:	P3328-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047034.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	50.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	98.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.6	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	98.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	50.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.651		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	10.724		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.619		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.562		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	6.605		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	10.561		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.529		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.088		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.106		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.047		10-145		28	SPK: -40
93951-97-4	Acenaphthylene-d8	11.31		15-120		28	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.609		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	11.384		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20M2	SDG No.:	BM080624
Lab Sample ID:	P3328-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047034.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.085		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	11.759		10-150		29	SPK: -40
1718-52-1	Pyrene-d10	11.027		10-130		28	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.751		10-140		17	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	294153	7.398				
1146-65-2	Naphthalene-d8	1109647	10.157				
15067-26-2	Acenaphthene-d10	686062	14.057				
1517-22-2	Phenanthrene-d10	1382085	16.815				
1719-03-5	Chrysene-d12	1094201	21.045				
1520-96-3	Perylene-d12	1218192	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
002004-39-9	1-Heptacosanol	120	J			20.78	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L8	SDG No.:	BM080624
Lab Sample ID:	P3328-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
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
BM047035.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	83	ug/Kg
100-52-7	Benzaldehyde	94	U	94	100	410	ug/Kg
110-86-1	Pyridine	54	U	54	210	410	ug/Kg
108-95-2	Phenol	44	U	44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.1	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	47	U	47	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	53.1	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.1	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	53.1	210	ug/Kg
78-59-1	Isophorone	42	U	42	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.1	210	ug/Kg
91-20-3	Naphthalene	42	U	42	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	53.1	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L8	SDG No.:	BM080624
Lab Sample ID:	P3328-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
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
BM047035.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	53.1	210	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	57	U	57	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.1	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	53.1	210	ug/Kg
86-73-7	Fluorene	56	U	56	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	53.1	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	55	U	55	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	53.1	210	ug/Kg
120-12-7	Anthracene	54	U	54	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	53.1	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	53.1	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L8	SDG No.:	BM080624
Lab Sample ID:	P3328-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
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
BM047035.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.1	210	ug/Kg
218-01-9	Chrysene	56	U	56	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.821		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	15.666		20-120		39	SPK: -40
4165-62-2	Phenol-d5	20.269		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.619		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.924		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	20.814		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	19.133		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.515		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.811		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.003		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.029		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.606		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	17		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	21.104		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L8	SDG No.:	BM080624
Lab Sample ID:	P3328-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
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
BM047035.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.45		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	21.669		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	25.408		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.764		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	281971	7.398				
1146-65-2	Naphthalene-d8	1076781	10.157				
15067-26-2	Acenaphthene-d10	678705	14.057				
1517-22-2	Phenanthrene-d10	1387496	16.815				
1719-03-5	Chrysene-d12	1100858	21.045				
1520-96-3	Perylene-d12	1210269	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	180	J			3.281	
000770-35-4	1-Phenoxypropan-2-ol	150	J			10.916	
000057-10-3	n-Hexadecanoic acid	110	J			17.751	
	(DEL) Alkane: Straight-Chain	20.780	J			20.78	
E966796	Total Alkanes	170				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L5	SDG No.:	BM080624
Lab Sample ID:	P3328-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047036.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.1	82	ug/Kg
100-52-7	Benzaldehyde	92	U	92	100	400	ug/Kg
110-86-1	Pyridine	53	U	53	200	400	ug/Kg
108-95-2	Phenol	43	U	43	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	400	ug/Kg
98-86-2	Acetophenone	47	U	47	100	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	52	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	52	210	ug/Kg
78-59-1	Isophorone	42	U	42	52	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52	210	ug/Kg
91-20-3	Naphthalene	42	U	42	52	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L5	SDG No.:	BM080624
Lab Sample ID:	P3328-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047036.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	100	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	52	210	ug/Kg
86-73-7	Fluorene	55	U	55	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	52	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	54	U	54	52	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	52	210	ug/Kg
120-12-7	Anthracene	53	U	53	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	52	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	52	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L5	SDG No.:	BM080624
Lab Sample ID:	P3328-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047036.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52	210	ug/Kg
218-01-9	Chrysene	55	U	55	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.237		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	17.637		20-120		44	SPK: -40
4165-62-2	Phenol-d5	22.418		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.883		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.279		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	22.294		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	21.705		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.324		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.628		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.925		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.722		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.287		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.132		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	22.845		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20L5	SDG No.:	BM080624
Lab Sample ID:	P3328-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047036.D	1	7/25/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.489		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	24.087		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	27.365		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.129		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	293902	7.398				
1146-65-2	Naphthalene-d8	1121568	10.157				
15067-26-2	Acenaphthene-d10	710187	14.057				
1517-22-2	Phenanthrene-d10	1441055	16.815				
1719-03-5	Chrysene-d12	1170702	21.044				
1520-96-3	Perylene-d12	1271205	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	140	J			3.281	
000770-35-4	1-Phenoxypropan-2-ol	140	J			10.916	
000057-10-3	n-Hexadecanoic acid	100	J			17.75	
	(DEL) Alkane: Straight-Chain	20.780	J			20.78	
E966796	Total Alkanes	200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20M3	SDG No.:	BM080624
Lab Sample ID:	P3328-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047037.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	89	U	89	97.5	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	41	U	41	97.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	97.5	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.2	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	97.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	97.5	390	ug/Kg
98-86-2	Acetophenone	45	U	45	97.5	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	97.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50.2	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.2	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.2	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.2	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.2	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.2	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.2	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.2	200	ug/Kg
105-60-2	Caprolactam	140	U	140	97.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	50.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93	U	93	97.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20M3	SDG No.:	BM080624
Lab Sample ID:	P3328-18	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
BM047037.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50.2	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.2	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.2	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.2	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	97.5	390	ug/Kg
83-32-9	Acenaphthene	48	U	48	50.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	97.5	390	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	97.5	390	ug/Kg
132-64-9	Dibenzofuran	54	U	54	50.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.2	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.2	200	ug/Kg
86-73-7	Fluorene	53	U	53	50.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.2	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	97.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	97.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	50.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	50.2	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.2	200	ug/Kg
1912-24-9	Atrazine	46	U	46	97.5	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.5	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50.2	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	50.2	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.2	200	ug/Kg
86-74-8	Carbazole	53	U	53	97.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.2	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	97.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20M3	SDG No.:	BM080624
Lab Sample ID:	P3328-18	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
BM047037.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	50.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	97.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.2	200	ug/Kg
218-01-9	Chrysene	53	U	53	50.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	97.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	50.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	50.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.942		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	13.127		20-120		33	SPK: -40
4165-62-2	Phenol-d5	20.517		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.394		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.689		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	20.24		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	20.222		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.721		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.78		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.747		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.164		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.791		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.096		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	21.04		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20M3	SDG No.:	BM080624
Lab Sample ID:	P3328-18	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
BM047037.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.269		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	22.137		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	24.694		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.244		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	326742	7.398				
1146-65-2	Naphthalene-d8	1248269	10.157				
15067-26-2	Acenaphthene-d10	768414	14.057				
1517-22-2	Phenanthrene-d10	1558506	16.815				
1719-03-5	Chrysene-d12	1300546	21.05				
1520-96-3	Perylene-d12	1406233	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	92	J			10.916	
000057-10-3	n-Hexadecanoic acid	85	J			17.751	
	(DEL) Alkane: Cyclic20.786	180	J			20.786	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N1	SDG No.:	BM080624
Lab Sample ID:	P3328-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047038.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.6	77	ug/Kg
100-52-7	Benzaldehyde	87	U	87	95.2	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	40	U	40	95.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	95.2	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	95.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	95.2	380	ug/Kg
98-86-2	Acetophenone	44	U	44	95.2	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	95.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	49	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49	200	ug/Kg
78-59-1	Isophorone	39	U	39	49	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	49	200	ug/Kg
105-60-2	Caprolactam	140	U	140	95.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	91	U	91	95.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	49	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N1	SDG No.:	BM080624
Lab Sample ID:	P3328-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047038.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	49	200	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	95.2	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	95.2	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	95.2	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49	200	ug/Kg
84-66-2	Diethylphthalate	69	U	69	49	200	ug/Kg
86-73-7	Fluorene	52	U	52	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	49	200	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	95.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	95.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49	200	ug/Kg
1912-24-9	Atrazine	45	U	45	95.2	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.2	380	ug/Kg
85-01-8	Phenanthrene	51	U	51	49	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49	200	ug/Kg
120-12-7	Anthracene	50	U	50	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49	200	ug/Kg
86-74-8	Carbazole	52	U	52	95.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	49	200	ug/Kg
206-44-0	Fluoranthene	51	U	51	95.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N1	SDG No.:	BM080624
Lab Sample ID:	P3328-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047038.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	95.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49	200	ug/Kg
218-01-9	Chrysene	52	U	52	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	95.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.805		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	20.551		20-120		51	SPK: -40
4165-62-2	Phenol-d5	27.851		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.834		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.619		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	27.855		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	29.292		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.715		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.66		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.351		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.773		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	30.617		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.055		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	29.328		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N1	SDG No.:	BM080624
Lab Sample ID:	P3328-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047038.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.554		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	31.218		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	34.352		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.142		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	311201	7.399				
1146-65-2	Naphthalene-d8	1165084	10.157				
15067-26-2	Acenaphthene-d10	712307	14.051				
1517-22-2	Phenanthrene-d10	1412236	16.816				
1719-03-5	Chrysene-d12	1173179	21.045				
1520-96-3	Perylene-d12	1254305	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	93	J			3.281	
000770-35-4	1-Phenoxypropan-2-ol	100	J			10.91	
000057-10-3	n-Hexadecanoic acid	120	J			17.751	
	(DEL) Alkane: Straight-Chain	170	J			20.786	
E966796	Total Alkanes	170				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SLCS275	SDG No.:	BM080624
Lab Sample ID:	PB162275BS	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
BM047039.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270		13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	830		75	82.5	330	ug/Kg
110-86-1	Pyridine	790		43	170	330	ug/Kg
108-95-2	Phenol	960		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	910		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	920		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	940		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	970		27	82.5	330	ug/Kg
98-86-2	Acetophenone	890		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	940		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	880		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	830		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	860		36	42.5	170	ug/Kg
78-59-1	Isophorone	920		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	960		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	670		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	900		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	920		39	42.5	170	ug/Kg
91-20-3	Naphthalene	900		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	830		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	810		34	42.5	170	ug/Kg
105-60-2	Caprolactam	990		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	930		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	880		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	900		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	540		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	870		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	900		42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SLCS275	SDG No.:	BM080624
Lab Sample ID:	PB162275BS	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
BM047039.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	920		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	920		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	960		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	910		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	970		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1000		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	890		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	770		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	730		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	890		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	950		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	850		60	42.5	170	ug/Kg
86-73-7	Fluorene	880		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	860		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	990		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	840		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	940		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	920		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	950		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	940		50	42.5	170	ug/Kg
1912-24-9	Atrazine	91	J	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	690		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	930		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	900		51	42.5	170	ug/Kg
120-12-7	Anthracene	900		43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	980		33	42.5	170	ug/Kg
86-74-8	Carbazole	930		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	900		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	1100		44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SLCS275	SDG No.:	BM080624
Lab Sample ID:	PB162275BS	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
BM047039.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	970		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	960		39	42.5	170	ug/Kg
218-01-9	Chrysene	930		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	960		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	930		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	950		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	960		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	970		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	750		37	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	21.82		20-120		55	SPK: -40
4165-62-2	Phenol-d5	28.22		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.099		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.786		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	27.54		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	27.832		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.697		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.461		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.482		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.076		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.998		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.92		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	26.82		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SLCS275	SDG No.:	BM080624
Lab Sample ID:	PB162275BS	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
BM047039.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.711		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	26.931		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	32.513		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.122		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	331017	7.398				
1146-65-2	Naphthalene-d8	1277078	10.157				
15067-26-2	Acenaphthene-d10	817707	14.057				
1517-22-2	Phenanthrene-d10	1679396	16.816				
1719-03-5	Chrysene-d12	1304430	21.051				
1520-96-3	Perylene-d12	1452941	23.762				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK275	SDG No.:	BM080624
Lab Sample ID:	PB162275BL	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
BM047041.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
108-95-2	Phenol	35	U	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	36	U	36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	42.5	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28	U	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK275	SDG No.:	BM080624
Lab Sample ID:	PB162275BL	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
BM047041.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.5	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	44	U	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	44	U	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK275	SDG No.:	BM080624
Lab Sample ID:	PB162275BL	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
BM047041.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.813		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	24.894		20-120		62	SPK: -40
4165-62-2	Phenol-d5	28.636		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.604		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.25		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	28.175		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	28.813		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.981		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.714		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.827		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.27		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	28.141		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.939		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	27.026		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK275	SDG No.:	BM080624
Lab Sample ID:	PB162275BL	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
BM047041.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.647		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	28.144		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	29.961		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.451		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	341204	7.398				
1146-65-2	Naphthalene-d8	1303625	10.151				
15067-26-2	Acenaphthene-d10	821188	14.051				
1517-22-2	Phenanthrene-d10	1659293	16.809				
1719-03-5	Chrysene-d12	1437854	21.044				
1520-96-3	Perylene-d12	1529322	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK282	SDG No.:	BM080624
Lab Sample ID:	PB162282BL	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
BM047042.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
108-95-2	Phenol	35	U	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	36	U	36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	42.5	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28	U	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK282	SDG No.:	BM080624
Lab Sample ID:	PB162282BL	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
BM047042.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.5	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	44	U	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	44	U	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK282	SDG No.:	BM080624
Lab Sample ID:	PB162282BL	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
BM047042.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.303		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	33.07		20-120		83	SPK: -40
4165-62-2	Phenol-d5	38.437		10-130		96	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.844		10-150		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.417		15-120		91	SPK: -40
190780-66-6	4-Methylphenol-d8	37.845		10-140		95	SPK: -40
4165-60-0	Nitrobenzene-d5	38.031		10-135		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.47		10-120		99	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.205		10-140		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	37.085		1-145		93	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.554		10-145		91	SPK: -40
93951-97-4	Acenaphthylene-d8	37.852		15-120		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.536		10-150		84	SPK: -40
81103-79-9	Fluorene-d10	35.953		20-140		90	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK282	SDG No.:	BM080624
Lab Sample ID:	PB162282BL	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
BM047042.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.038		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	37.354		10-150		93	SPK: -40
1718-52-1	Pyrene-d10	39.209		10-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.144		10-140		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233089	7.398				
1146-65-2	Naphthalene-d8	912278	10.151				
15067-26-2	Acenaphthene-d10	575774	14.051				
1517-22-2	Phenanthrene-d10	1186722	16.81				
1719-03-5	Chrysene-d12	1034357	21.045				
1520-96-3	Perylene-d12	1087129	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N1MS	SDG No.:	BM080624
Lab Sample ID:	P3328-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047043.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	320		15	7.6	77	ug/Kg
100-52-7	Benzaldehyde	1200		86	95	380	ug/Kg
110-86-1	Pyridine	910		49	190	380	ug/Kg
108-95-2	Phenol	1100		40	95	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		39	95	380	ug/Kg
95-57-8	2-Chlorophenol	1100		32	48.9	200	ug/Kg
95-48-7	2-Methylphenol	1100		35	95	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		31	95	380	ug/Kg
98-86-2	Acetophenone	1100		44	95	380	ug/Kg
106-44-5	4-Methylphenol	1100		37	95	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		33	48.9	200	ug/Kg
67-72-1	Hexachloroethane	970		26	48.9	200	ug/Kg
98-95-3	Nitrobenzene	1000		41	48.9	200	ug/Kg
78-59-1	Isophorone	1100		39	48.9	200	ug/Kg
88-75-5	2-Nitrophenol	1200		37	48.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	790		32	48.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		44	48.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		45	48.9	200	ug/Kg
91-20-3	Naphthalene	1100		39	48.9	200	ug/Kg
106-47-8	4-Chloroaniline	1000		49	48.9	380	ug/Kg
87-68-3	Hexachlorobutadiene	980		39	48.9	200	ug/Kg
105-60-2	Caprolactam	1200		140	95	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		32	48.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	1000		47	48.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	1100		43	48.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	710		91	95	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		49	48.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		48	48.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N1MS	SDG No.:	BM080624
Lab Sample ID:	P3328-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047043.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		55	48.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	1100		52	48.9	200	ug/Kg
88-74-4	2-Nitroaniline	1100		25	48.9	200	ug/Kg
131-11-3	Dimethylphthalate	1100		48	48.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		24	48.9	200	ug/Kg
208-96-8	Acenaphthylene	1100		49	48.9	200	ug/Kg
99-09-2	3-Nitroaniline	1200		23	95	380	ug/Kg
83-32-9	Acenaphthene	1100		47	48.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	980		140	95	380	ug/Kg
100-02-7	4-Nitrophenol	880		47	95	380	ug/Kg
132-64-9	Dibenzofuran	1000		53	48.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		31	48.9	200	ug/Kg
84-66-2	Diethylphthalate	1000		69	48.9	200	ug/Kg
86-73-7	Fluorene	1000		52	48.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		54	48.9	200	ug/Kg
100-01-6	4-Nitroaniline	1200		48	95	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		18	95	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		48	48.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		59	48.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		52	48.9	200	ug/Kg
118-74-1	Hexachlorobenzene	1100		58	48.9	200	ug/Kg
1912-24-9	Atrazine	1000		45	95	380	ug/Kg
87-86-5	Pentachlorophenol	1100		100	95	380	ug/Kg
85-01-8	Phenanthrene	1100		51	48.9	200	ug/Kg
608-93-5	Pentachlorobenzene	1100		59	48.9	200	ug/Kg
120-12-7	Anthracene	1000		49	48.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		38	48.9	200	ug/Kg
86-74-8	Carbazole	1100		52	95	380	ug/Kg
84-74-2	Di-n-butylphthalate	1000		48	48.9	200	ug/Kg
206-44-0	Fluoranthene	1300		51	95	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N1MS	SDG No.:	BM080624
Lab Sample ID:	P3328-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.06	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
BM047043.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		51	48.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	1300		37	48.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		26	95	380	ug/Kg
56-55-3	Benzo(a)anthracene	1100		45	48.9	200	ug/Kg
218-01-9	Chrysene	1100		52	48.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		51	48.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		39	95	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		48	48.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		52	48.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	1100		48	48.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		43	48.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		43	48.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		40	48.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		43	48.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.406		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	17.585		20-120		44	SPK: -40
4165-62-2	Phenol-d5	24.674		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.668		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.858		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	24.45		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	24.963		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.298		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.464		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.557		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.554		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.364		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.363		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	23.829		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N1MS	SDG No.:	BM080624
Lab Sample ID:	P3328-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047043.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.817		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	24.262		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	28.622		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.409		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	373055	7.398				
1146-65-2	Naphthalene-d8	1447656	10.157				
15067-26-2	Acenaphthene-d10	906580	14.051				
1517-22-2	Phenanthrene-d10	1846547	16.815				
1719-03-5	Chrysene-d12	1472764	21.05				
1520-96-3	Perylene-d12	1655744	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	55	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N1MSD	SDG No.:	BM080624
Lab Sample ID:	P3328-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047044.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	330		15	7.6	77	ug/Kg
100-52-7	Benzaldehyde	1200		86	94.9	380	ug/Kg
110-86-1	Pyridine	960		49	190	380	ug/Kg
108-95-2	Phenol	1200		40	94.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		39	94.9	380	ug/Kg
95-57-8	2-Chlorophenol	1100		32	48.9	200	ug/Kg
95-48-7	2-Methylphenol	1200		35	94.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		31	94.9	380	ug/Kg
98-86-2	Acetophenone	1100		44	94.9	380	ug/Kg
106-44-5	4-Methylphenol	1200		37	94.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		33	48.9	200	ug/Kg
67-72-1	Hexachloroethane	1000		26	48.9	200	ug/Kg
98-95-3	Nitrobenzene	1100		41	48.9	200	ug/Kg
78-59-1	Isophorone	1100		39	48.9	200	ug/Kg
88-75-5	2-Nitrophenol	1200		37	48.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	850		32	48.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1200		44	48.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		45	48.9	200	ug/Kg
91-20-3	Naphthalene	1100		39	48.9	200	ug/Kg
106-47-8	4-Chloroaniline	1100		49	48.9	380	ug/Kg
87-68-3	Hexachlorobutadiene	1000		39	48.9	200	ug/Kg
105-60-2	Caprolactam	1200		140	94.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		32	48.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	1100		47	48.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	1100		43	48.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	770		91	94.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		49	48.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		48	48.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N1MSD	SDG No.:	BM080624
Lab Sample ID:	P3328-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047044.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		55	48.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	1200		52	48.9	200	ug/Kg
88-74-4	2-Nitroaniline	1200		25	48.9	200	ug/Kg
131-11-3	Dimethylphthalate	1100		48	48.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		24	48.9	200	ug/Kg
208-96-8	Acenaphthylene	1200		49	48.9	200	ug/Kg
99-09-2	3-Nitroaniline	1300		23	94.9	380	ug/Kg
83-32-9	Acenaphthene	1100		47	48.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		140	94.9	380	ug/Kg
100-02-7	4-Nitrophenol	930		47	94.9	380	ug/Kg
132-64-9	Dibenzofuran	1100		53	48.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		31	48.9	200	ug/Kg
84-66-2	Diethylphthalate	1100		69	48.9	200	ug/Kg
86-73-7	Fluorene	1100		52	48.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		54	48.9	200	ug/Kg
100-01-6	4-Nitroaniline	1300		48	94.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		18	94.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		48	48.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		59	48.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		52	48.9	200	ug/Kg
118-74-1	Hexachlorobenzene	1200		58	48.9	200	ug/Kg
1912-24-9	Atrazine	1100		45	94.9	380	ug/Kg
87-86-5	Pentachlorophenol	1100		100	94.9	380	ug/Kg
85-01-8	Phenanthrene	1100		51	48.9	200	ug/Kg
608-93-5	Pentachlorobenzene	1100		59	48.9	200	ug/Kg
120-12-7	Anthracene	1100		49	48.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		38	48.9	200	ug/Kg
86-74-8	Carbazole	1100		52	94.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	1100		48	48.9	200	ug/Kg
206-44-0	Fluoranthene	1400		51	94.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N1MSD	SDG No.:	BM080624
Lab Sample ID:	P3328-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.08	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
BM047044.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		51	48.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	1300		37	48.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		26	94.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	1200		45	48.9	200	ug/Kg
218-01-9	Chrysene	1200		52	48.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		51	48.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		39	94.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		48	48.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		52	48.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	1200		48	48.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		43	48.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		43	48.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		40	48.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		43	48.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.7		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	17.899		20-120		45	SPK: -40
4165-62-2	Phenol-d5	25.796		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.538		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.774		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	25.603		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	26.466		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.685		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.795		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.877		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.186		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	27.023		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.245		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	25.471		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N1MSD	SDG No.:	BM080624
Lab Sample ID:	P3328-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047044.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.842		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	25.78		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	30.488		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.924		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	377672	7.398				
1146-65-2	Naphthalene-d8	1463241	10.151				
15067-26-2	Acenaphthene-d10	904756	14.051				
1517-22-2	Phenanthrene-d10	1846505	16.815				
1719-03-5	Chrysene-d12	1461703	21.05				
1520-96-3	Perylene-d12	1650725	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	55	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N2	SDG No.:	BM080624
Lab Sample ID:	P3328-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047045.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	82	ug/Kg
100-52-7	Benzaldehyde	93	U	93	100	410	ug/Kg
110-86-1	Pyridine	53	U	53	200	410	ug/Kg
108-95-2	Phenol	43	U	43	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.5	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	410	ug/Kg
98-86-2	Acetophenone	47	U	47	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.5	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	52.5	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	52.5	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.5	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	52.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	52.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52.5	210	ug/Kg
91-20-3	Naphthalene	42	U	42	52.5	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52.5	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.5	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	52.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	52.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98	U	98	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	52.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N2	SDG No.:	BM080624
Lab Sample ID:	P3328-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047045.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	52.5	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.5	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.5	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52.5	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	52.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	57	U	57	52.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52.5	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.5	210	ug/Kg
86-73-7	Fluorene	56	U	56	52.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.5	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	52.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	52.5	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.5	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	54	U	54	52.5	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.5	210	ug/Kg
120-12-7	Anthracene	53	U	53	52.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.5	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.5	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N2	SDG No.:	BM080624
Lab Sample ID:	P3328-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047045.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	52.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	52.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.5	210	ug/Kg
218-01-9	Chrysene	56	U	56	52.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	52.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	52.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	52.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	52.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	52.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	52.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.515		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	14.132		20-120		35	SPK: -40
4165-62-2	Phenol-d5	20.262		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.061		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.929		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	21.485		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	20.675		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.837		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.911		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.777		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.031		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.721		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.378		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	23.786		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20N2	SDG No.:	BM080624
Lab Sample ID:	P3328-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047045.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.265		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	24.913		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	26.86		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.405		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	318009	7.399				
1146-65-2	Naphthalene-d8	1211710	10.151				
15067-26-2	Acenaphthene-d10	768216	14.051				
1517-22-2	Phenanthrene-d10	1569592	16.81				
1719-03-5	Chrysene-d12	1355162	21.045				
1520-96-3	Perylene-d12	1483786	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	140	J			3.275	
000770-35-4	1-Phenoxypropan-2-ol	150	J			10.91	
000057-10-3	n-Hexadecanoic acid	180	J			17.751	
000301-02-0	9-Octadecenamide, (Z)-	130	J			20.192	
074339-54-1	Trichloroacetic acid, hexadecyl es	160	J			20.78	
E966796	Total Alkanes	59	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20M4	SDG No.:	BM080624
Lab Sample ID:	P3328-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
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
BM047046.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	81	ug/Kg
100-52-7	Benzaldehyde	91	U	91	100	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	43	U	43	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.7	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	400	ug/Kg
98-86-2	Acetophenone	46	U	46	100	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.7	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.7	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	51.7	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.7	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.7	210	ug/Kg
91-20-3	Naphthalene	41	U	41	51.7	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.7	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	51.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20M4	SDG No.:	BM080624
Lab Sample ID:	P3328-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047046.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	51.7	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.7	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	51.7	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.7	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	100	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	51.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.7	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	51.7	210	ug/Kg
86-73-7	Fluorene	55	U	55	51.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.7	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	51.7	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.7	210	ug/Kg
1912-24-9	Atrazine	47	U	47	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	54	U	54	51.7	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.7	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.7	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.7	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20M4	SDG No.:	BM080624
Lab Sample ID:	P3328-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047046.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	51.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.7	210	ug/Kg
218-01-9	Chrysene	55	U	55	51.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	51.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	51.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	51.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.797		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	17.621		20-120		44	SPK: -40
4165-62-2	Phenol-d5	24.285		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.015		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.452		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	25.263		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	25.004		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.896		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.165		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.763		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.943		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.335		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.029		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	28.099		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	E20M4	SDG No.:	BM080624
Lab Sample ID:	P3328-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047046.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.74		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	30.64		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	32.267		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.315		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	289790	7.398				
1146-65-2	Naphthalene-d8	1105674	10.151				
15067-26-2	Acenaphthene-d10	686212	14.051				
1517-22-2	Phenanthrene-d10	1370283	16.81				
1719-03-5	Chrysene-d12	1207082	21.045				
1520-96-3	Perylene-d12	1301562	23.75				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	96	J			3.281	
000770-35-4	1-Phenoxypropan-2-ol	110	J			10.91	
000057-10-3	n-Hexadecanoic acid	120	J			17.745	
000661-19-8	Behenic alcohol	180	J			20.78	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	F7E44	SDG No.:	BM080624
Lab Sample ID:	P3336-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047047.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.1	82	ug/Kg
100-52-7	Benzaldehyde	92	U	92	100	400	ug/Kg
110-86-1	Pyridine	53	U	53	200	400	ug/Kg
108-95-2	Phenol	43	U	43	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	400	ug/Kg
98-86-2	Acetophenone	46	U	46	100	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	52	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	52	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	52	210	ug/Kg
78-59-1	Isophorone	42	U	42	52	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52	210	ug/Kg
91-20-3	Naphthalene	42	U	42	52	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	F7E44	SDG No.:	BM080624
Lab Sample ID:	P3336-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047047.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	100	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	52	210	ug/Kg
86-73-7	Fluorene	55	U	55	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	52	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	52	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	77	J	54	52	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	52	210	ug/Kg
120-12-7	Anthracene	120	J	53	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	52	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	52	210	ug/Kg
206-44-0	Fluoranthene	310		54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	F7E44	SDG No.:	BM080624
Lab Sample ID:	P3336-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047047.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	190	J	54	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	250		48	52	210	ug/Kg
218-01-9	Chrysene	390		55	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	580		51	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	55	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	94	J	51	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86	J	45	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	49	J	45	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.291		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.467		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.266		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.347		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	10.869		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	12.98		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.006		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.247		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.837		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.285		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.595		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.256		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	13.757		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	F7E44	SDG No.:	BM080624
Lab Sample ID:	P3336-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047047.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.712		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	14.185		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	10.947		10-130		27	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.056		10-140		18	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	254570	7.399				
1146-65-2	Naphthalene-d8	1000210	10.151				
15067-26-2	Acenaphthene-d10	637311	14.051				
1517-22-2	Phenanthrene-d10	1340916	16.81				
1719-03-5	Chrysene-d12	1214263	21.045				
1520-96-3	Perylene-d12	1365750	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	15.839	100	J		15.839	
000057-10-3	n-Hexadecanoic acid		140	J		17.745	
E966796	Total Alkanes		100			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM080624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DCVX0DL								
P3171-08DL	DCVX0DL	Solid	(DEL) Alkane: Straight-Chain11.6 *	4,100.000	JD			
P3171-08DL	DCVX0DL	Solid	(DEL) Alkane: Straight-Chain12.8 *	4,500.000	JD			
P3171-08DL	DCVX0DL	Solid	(DEL) Alkane: Straight-Chain13.4 *	2,500.000	JD			
P3171-08DL	DCVX0DL	Solid	(DEL) Alkane: Straight-Chain14.5 *	4,100.000	JD			
P3171-08DL	DCVX0DL	Solid	(DEL) Alkane: Straight-Chain15.8 *	3,200.000	JD			
P3171-08DL	DCVX0DL	Solid	(DEL) Alkane: Straight-Chain5.4 *	5,400.000	JD			
P3171-08DL	DCVX0DL	Solid	(DEL) Alkane: Straight-Chain6.4 *	3,000.000	JD			
P3171-08DL	DCVX0DL	Solid	(DEL) Alkane: Straight-Chain6.5 *	5,800.000	JD			
P3171-08DL	DCVX0DL	Solid	(DEL) Alkane: Straight-Chain7.0 *	19,000.000	JD			
P3171-08DL	DCVX0DL	Solid	(DEL) Alkane: Straight-Chain7.9 *	4,100.000	JD			
P3171-08DL	DCVX0DL	Solid	(DEL) Alkane: Straight-Chain8.0 *	3,400.000	JD			
P3171-08DL	DCVX0DL	Solid	(DEL) Alkane: Straight-Chain8.1 *	2,800.000	JD			
P3171-08DL	DCVX0DL	Solid	1,3,8-p-Menthatriene *	3,000.000	JD			
P3171-08DL	DCVX0DL	Solid	1-Hexanol, 2-ethyl- *	5,800.000	JD			
P3171-08DL	DCVX0DL	Solid	1H-Indole, 4-(3-methyl-2-butenyl) *	5,300.000	JD			
P3171-08DL	DCVX0DL	Solid	2-Heptanone, 4,6-dimethyl- *	2,500.000	JD			
P3171-08DL	DCVX0DL	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4- *	5,900.000	JD			
P3171-08DL	DCVX0DL	Solid	Benzene, 1,2,3-trimethyl- *	2,600.000	JD			
P3171-08DL	DCVX0DL	Solid	Benzene, 4-(2-butenyl)-1,2-dimetl *	4,300.000	JD			
P3171-08DL	DCVX0DL	Solid	Benzene, 4-ethyl-1,2-dimethyl- *	3,400.000	JD			
P3171-08DL	DCVX0DL	Solid	Carbonic acid, prop-1-en-2-yl tetr *	15,000.000	JD			
P3171-08DL	DCVX0DL	Solid	Hexanoic acid, 2-ethyl- *	7,700.000	JD			
P3171-08DL	DCVX0DL	Solid	Neopentyl glycol *	3,500.000	JD			
P3171-08DL	DCVX0DL	Solid	Oxalic acid, 2-ethylhexyl nonyl es *	9,200.000	JD			
P3171-08DL	DCVX0DL	Solid	unknown-01 *	8,400.000	JD			
P3171-08DL	DCVX0DL	Solid	unknown-02 *	3,100.000	JD			
P3171-08DL	DCVX0DL	Solid	unknown-03 *	4,200.000	JD			
P3171-08DL	DCVX0DL	Solid	unknown-04 *	2,500.000	JD			
P3171-08DL	DCVX0DL	Solid	unknown-05 *	2,800.000	JD			
P3171-08DL	DCVX0DL	Solid	Total Alkanes *	62,000.000	D	1700	6200	ug/Kg
Total Tics :				213,100.00				
P3171-08DL	DCVX0DL	Solid	2,3,4,6-Tetrachlorophenol	10,000.000	D	1300	6200	ug/Kg
P3171-08DL	DCVX0DL	Solid	2-Methylnaphthalene	1,400.000	JD	1300	6200	ug/Kg
P3171-08DL	DCVX0DL	Solid	Pentachlorophenol	150,000.000	D	3200	12000	ug/Kg
Total Svoc :				161,400.00				
Total Concentration:				374,500.00				

Client ID : DCVX5DL

Hit Summary Sheet SW-846

SDG No.: BM080624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3171-12DL	DCVX5DL	Solid	(DEL) Alkane: Straight-Chain7.0:	*	5,000.000	JD		
P3171-12DL	DCVX5DL	Solid	(DEL) Alkane: Straight-Chain8.6:	*	4,300.000	JD		
P3171-12DL	DCVX5DL	Solid	1-Hexanol, 2-ethyl-	*	3,100.000	JD		
P3171-12DL	DCVX5DL	Solid	Total Alkanes	*	9,300.000	D 1100	3900	ug/Kg
Total Tics :				21,700.00				
P3171-12DL	DCVX5DL	Solid	2,3,4,6-Tetrachlorophenol		2,300.000	JD 860	3900	ug/Kg
P3171-12DL	DCVX5DL	Solid	Pentachlorophenol		25,000.000	D 2000	7700	ug/Kg
Total Svoc :				27,300.00				
Total Concentration:				49,000.00				
Client ID : E20L4								
P3328-11	E20L4	Solid	n-Hexadecanoic acid	*	95.000	J		
P3328-11	E20L4	Solid	Total Alkanes	*	0.000	51	180	ug/Kg
Total Tics :				95.00				
P3328-11	E20L4	Solid	Acetophenone		50.000	J 40	350	ug/Kg
P3328-11	E20L4	Solid	Anthracene		50.000	J 46	180	ug/Kg
P3328-11	E20L4	Solid	Benzo(a)anthracene		120.000	J 41	180	ug/Kg
P3328-11	E20L4	Solid	Benzo(a)pyrene		46.000	J 45	180	ug/Kg
P3328-11	E20L4	Solid	Benzo(b)fluoranthene		130.000	J 45	180	ug/Kg
P3328-11	E20L4	Solid	Chrysene		110.000	J 48	180	ug/Kg
P3328-11	E20L4	Solid	Fluoranthene		290.000	47	180	ug/Kg
P3328-11	E20L4	Solid	Phenanthrene		180.000	47	180	ug/Kg
P3328-11	E20L4	Solid	Pyrene		160.000	J 47	180	ug/Kg
Total Svoc :				1,136.00				
Total Concentration:				1,231.00				
Client ID : E20L5								
P3328-12	E20L5	Solid	(DEL) Alkane: Straight-Chain20.:	*	200.000	J		
P3328-12	E20L5	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P3328-12	E20L5	Solid	n-Hexadecanoic acid	*	100.000	J		
P3328-12	E20L5	Solid	Propylene Glycol	*	140.000	J		
P3328-12	E20L5	Solid	Total Alkanes	*	200.000	59	210	ug/Kg
Total Tics :				780.00				
Total Concentration:				780.00				
Client ID : E20L7								
P3328-14	E20L7	Solid	11H-Benzo[a]fluorene	*	85.000	J		
P3328-14	E20L7	Solid	11H-Benzo[b]fluorene	*	99.000	J		
P3328-14	E20L7	Solid	4H-Cyclopenta[def]phenanthrene	*	160.000	J		
P3328-14	E20L7	Solid	Phenanthrene, 2-methyl-	*	140.000	J		
P3328-14	E20L7	Solid	Total Alkanes	*	0.000	54	190	ug/Kg
Total Tics :				484.00				

Hit Summary Sheet SW-846

SDG No.: BM080624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3328-14	E20L7	Solid	Anthracene	180.000	J	49	190	ug/Kg
P3328-14	E20L7	Solid	Benzo(a)anthracene	430.000		44	190	ug/Kg
P3328-14	E20L7	Solid	Benzo(a)pyrene	160.000	J	48	190	ug/Kg
P3328-14	E20L7	Solid	Benzo(b)fluoranthene	500.000		48	190	ug/Kg
P3328-14	E20L7	Solid	Benzo(k)fluoranthene	180.000	J	51	190	ug/Kg
P3328-14	E20L7	Solid	Chrysene	400.000		51	190	ug/Kg
P3328-14	E20L7	Solid	Dibenzo(a,h)anthracene	63.000	J	42	190	ug/Kg
P3328-14	E20L7	Solid	Fluoranthene	1,200.000		50	190	ug/Kg
P3328-14	E20L7	Solid	Fluorene	57.000	J	51	190	ug/Kg
P3328-14	E20L7	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	42	190	ug/Kg
P3328-14	E20L7	Solid	Phenanthrene	620.000		50	190	ug/Kg
P3328-14	E20L7	Solid	Pyrene	610.000		50	190	ug/Kg
Total Svoc :				4,520.00				
Total Concentration:				5,004.00				

Client ID : E20L8

P3328-15	E20L8	Solid	(DEL) Alkane: Straight-Chain20.7 *	170.000	J			
P3328-15	E20L8	Solid	1-Phenoxypropan-2-ol *	150.000	J			
P3328-15	E20L8	Solid	n-Hexadecanoic acid *	110.000	J			
P3328-15	E20L8	Solid	Propylene Glycol *	180.000	J			
P3328-15	E20L8	Solid	Total Alkanes *	170.000		60	210	ug/Kg
Total Tics :				780.00				
Total Concentration:				780.00				

Client ID : E20M2

P3328-17	E20M2	Solid	1-Heptacosanol *	120.000	J			
P3328-17	E20M2	Solid	Total Alkanes *	0.000		57	200	ug/Kg
Total Tics :				120.00				
Total Concentration:				120.00				

Client ID : E20M3

P3328-18	E20M3	Solid	(DEL) Alkane: Cyclic20.786 *	180.000	J			
P3328-18	E20M3	Solid	1-Phenoxypropan-2-ol *	92.000	J			
P3328-18	E20M3	Solid	n-Hexadecanoic acid *	85.000	J			
P3328-18	E20M3	Solid	Total Alkanes *	180.000		57	200	ug/Kg
Total Tics :				537.00				
Total Concentration:				537.00				

Client ID : E20M4

P3328-19	E20M4	Solid	1-Phenoxypropan-2-ol *	110.000	J			
P3328-19	E20M4	Solid	Behenic alcohol *	180.000	J			
P3328-19	E20M4	Solid	n-Hexadecanoic acid *	120.000	J			
P3328-19	E20M4	Solid	Propylene Glycol *	96.000	J			

Hit Summary Sheet SW-846

SDG No.: BM080624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3328-19	E20M4	Solid	Total Alkanes	*	0.000	58	210	ug/Kg
Total Tics :				506.00				
Total Concentration:				506.00				
Client ID : E20N1								
P3328-20	E20N1	Solid	(DEL) Alkane: Straight-Chain20.7	*	170.000	J		
P3328-20	E20N1	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P3328-20	E20N1	Solid	n-Hexadecanoic acid	*	120.000	J		
P3328-20	E20N1	Solid	Propylene Glycol	*	93.000	J		
P3328-20	E20N1	Solid	Total Alkanes	*	170.000	55	200	ug/Kg
Total Tics :				653.00				
Total Concentration:				653.00				
Client ID : E20N2								
P3328-23	E20N2	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P3328-23	E20N2	Solid	9-Octadecenamide, (Z)-	*	130.000	J		
P3328-23	E20N2	Solid	n-Hexadecanoic acid	*	180.000	J		
P3328-23	E20N2	Solid	Propylene Glycol	*	140.000	J		
P3328-23	E20N2	Solid	Trichloroacetic acid, hexadecyl es	*	160.000	J		
P3328-23	E20N2	Solid	Total Alkanes	*	0.000	59	210	ug/Kg
Total Tics :				760.00				
Total Concentration:				760.00				
Client ID : F7E13DL								
P3329-08DL	F7E13DL	Solid	4H-Cyclopenta[def]phenanthrene	*	680.000	JD		
P3329-08DL	F7E13DL	Solid	Naphthalene, 2,3-dimethyl-	*	460.000	JD		
P3329-08DL	F7E13DL	Solid	Phenanthrene, 2-methyl-	*	550.000	JD		
P3329-08DL	F7E13DL	Solid	Total Alkanes	*	0.000	D 290	1000	ug/Kg
Total Tics :				1,690.00				
P3329-08DL	F7E13DL	Solid	1,1-Biphenyl		550.000	JD 290	1000	ug/Kg
P3329-08DL	F7E13DL	Solid	1-Methylnaphthalene		1,200.000	D 250	1000	ug/Kg
P3329-08DL	F7E13DL	Solid	2-Methylnaphthalene		2,700.000	D 230	1000	ug/Kg
P3329-08DL	F7E13DL	Solid	4-Methylphenol		270.000	JD 200	2000	ug/Kg
P3329-08DL	F7E13DL	Solid	Acenaphthene		1,900.000	D 250	1000	ug/Kg
P3329-08DL	F7E13DL	Solid	Anthracene		750.000	JD 260	1000	ug/Kg
P3329-08DL	F7E13DL	Solid	Benzo(a)anthracene		450.000	JD 240	1000	ug/Kg
P3329-08DL	F7E13DL	Solid	Carbazole		470.000	JD 280	2000	ug/Kg
P3329-08DL	F7E13DL	Solid	Chrysene		390.000	JD 280	1000	ug/Kg
P3329-08DL	F7E13DL	Solid	Dibenzofuran		1,500.000	D 280	1000	ug/Kg
P3329-08DL	F7E13DL	Solid	Fluoranthene		2,300.000	D 270	1000	ug/Kg
P3329-08DL	F7E13DL	Solid	Fluorene		1,800.000	D 280	1000	ug/Kg
P3329-08DL	F7E13DL	Solid	Naphthalene		8,100.000	D 210	1000	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM080624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3329-08DL	F7E13DL	Solid	Phenanthrene	4,700.000	D	270	1000	ug/Kg
P3329-08DL	F7E13DL	Solid	Phenol	230.000	JD	210	2000	ug/Kg
P3329-08DL	F7E13DL	Solid	Pyrene	1,500.000	D	270	1000	ug/Kg
Total Svoc :				28,810.00				
Total Concentration:				30,500.00				
Client ID : F7E44								
P3336-16	F7E44	Solid	(DEL) Alkane: Straight-Chain15.8 *	100.000	J			
P3336-16	F7E44	Solid	n-Hexadecanoic acid *	140.000	J			
P3336-16	F7E44	Solid	Total Alkanes *	100.000		59	210	ug/Kg
Total Tics :				340.00				
P3336-16	F7E44	Solid	Anthracene	120.000	J	53	210	ug/Kg
P3336-16	F7E44	Solid	Benzo(a)anthracene	250.000		48	210	ug/Kg
P3336-16	F7E44	Solid	Benzo(a)pyrene	94.000	J	51	210	ug/Kg
P3336-16	F7E44	Solid	Benzo(b)fluoranthene	580.000		51	210	ug/Kg
P3336-16	F7E44	Solid	Benzo(k)fluoranthene	180.000	J	55	210	ug/Kg
P3336-16	F7E44	Solid	Chrysene	390.000		55	210	ug/Kg
P3336-16	F7E44	Solid	Dibenzo(a,h)anthracene	49.000	J	45	210	ug/Kg
P3336-16	F7E44	Solid	Fluoranthene	310.000		54	210	ug/Kg
P3336-16	F7E44	Solid	Indeno(1,2,3-cd)pyrene	86.000	J	45	210	ug/Kg
P3336-16	F7E44	Solid	Phenanthrene	77.000	J	54	210	ug/Kg
P3336-16	F7E44	Solid	Pyrene	190.000	J	54	210	ug/Kg
Total Svoc :				2,326.00				
Total Concentration:				2,666.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM080224 SAS No.: BM080224 SDG No.: BM080224
Instrument ID: _____ Calibration Date(s): 8/2/2024 1: _____
Calibration Time(s): 14:20 _____

LAB FILE ID:		RRFAL1 = BM046948.D		RRFAL2 = BM046949.D		RRFAL3 = BM046950.D		
		RRFAL4 = BM046951.D		RRFAL5 = BM046952.D		RRFAL6 = BM046953.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.604	0.586	0.564	0.535	0.519		0.562	6.3
Benzaldehyde		1.071	1.003	0.951	0.797	0.541	0.873	24.2
Pyridine		1.529	1.467	1.345	1.287	1.188	1.363	10.0
Hexachloroethane	0.609	0.675	0.641	0.629	0.622		0.635	3.9
Nitrobenzene	0.406	0.466	0.443	0.421	0.407		0.429	6.0
Isophorone	0.695	0.796	0.753	0.722	0.701		0.734	5.7
2-Nitrophenol	0.166	0.199	0.199	0.198	0.196		0.192	7.7
2,4-Dimethylphenol	0.358	0.407	0.390	0.374	0.360		0.378	5.5
Bis(2-Chloroethoxy)methane	0.420	0.485	0.458	0.454	0.443		0.452	5.3
2,4-Dichlorophenol	0.309	0.353	0.344	0.339	0.333		0.336	5.0
Naphthalene	1.030	1.167	1.092	1.020	0.986		1.059	6.8
4-Chloroaniline		0.477	0.450	0.424	0.407	0.390	0.429	8.1
Hexachlorobutadiene	0.231	0.261	0.242	0.241	0.236		0.242	4.8
Phenol		1.694	1.629	1.509	1.439	1.379	1.530	8.5
Caprolactam		0.095	0.097	0.102	0.109	0.105	0.102	5.4
4-Chloro-3-methylphenol	0.297	0.372	0.355	0.355	0.351		0.346	8.2
1-Methylnaphthalene	0.704	0.812	0.766	0.737	0.724		0.749	5.6
2-Methylnaphthalene	0.678	0.802	0.759	0.737	0.722		0.739	6.2
Hexachlorocyclopentadiene		0.397	0.395	0.403	0.413	0.457	0.413	6.2
2,4,6-Trichlorophenol	0.365	0.431	0.421	0.415	0.421		0.411	6.4
2,4,5-Trichlorophenol	0.400	0.477	0.442	0.445	0.453		0.443	6.3
1,1-Biphenyl	1.479	1.640	1.539	1.432	1.392		1.496	6.5
2-Chloronaphthalene	1.165	1.318	1.227	1.136	1.095		1.188	7.3
2-Nitroaniline	0.302	0.377	0.373	0.372	0.382		0.361	9.2
Bis(2-Chloroethyl)ether		1.417	1.353	1.320	1.273	1.159	1.304	7.4
Dimethylphthalate	1.466	1.666	1.551	1.508	1.481		1.534	5.2
2,6-Dinitrotoluene	0.250	0.303	0.294	0.318	0.326		0.298	9.9
Acenaphthylene	1.691	1.997	1.889	1.735	1.702		1.803	7.5
3-Nitroaniline		0.299	0.307	0.322	0.314	0.276	0.304	5.8
Acenaphthene	1.244	1.422	1.343	1.259	1.231		1.300	6.2
2,4-Dinitrophenol		0.179	0.187	0.213	0.235	0.239	0.210	13.0
4-Nitrophenol		0.328	0.315	0.296	0.290	0.268	0.299	7.7
Dibenzofuran	1.742	2.030	1.878	1.763	1.708		1.824	7.2
2,4-Dinitrotoluene	0.377	0.473	0.475	0.481	0.474		0.456	9.7
Diethylphthalate	1.516	1.795	1.678	1.664	1.600		1.651	6.3
2-Chlorophenol	1.206	1.416	1.363	1.288	1.246		1.304	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM080224 SAS No.: BM080224 SDG No.: BM080224
Instrument ID: _____ Calibration Date(s): 8/2/2024 1: _____
Calibration Time(s): 14:20 _____

LAB FILE ID:		RRFAL1 = BM046948.D		RRFAL2 = BM046949.D		RRFAL3 = BM046950.D		
		RRFAL4 = BM046951.D		RRFAL5 = BM046952.D		RRFAL6 = BM046953.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.417	1.657	1.545	1.472	1.432		1.504	6.5
4-Chlorophenyl-phenylether	0.728	0.808	0.746	0.711	0.710		0.741	5.5
4-Nitroaniline		0.325	0.323	0.314	0.292	0.247	0.300	10.8
4,6-Dinitro-2-methylphenol		0.134	0.138	0.143	0.139	0.138	0.138	2.4
N-Nitrosodiphenylamine	0.578	0.647	0.607	0.584	0.548		0.593	6.2
1,2,4,5-Tetrachlorobenzene	0.594	0.677	0.636	0.622	0.607		0.627	5.1
4-Bromophenyl-phenylether	0.204	0.233	0.217	0.220	0.209		0.216	5.2
Hexachlorobenzene	0.237	0.278	0.257	0.257	0.246		0.255	6.0
Atrazine		0.242	0.229	0.237	0.227	0.227	0.233	2.9
Pentachlorophenol		0.168	0.163	0.174	0.176	0.181	0.173	4.1
2-Methylphenol		1.232	1.196	1.171	1.134	1.094	1.166	4.6
Phenanthrene	1.064	1.239	1.139	1.100	1.063		1.121	6.5
Pentachlorobenzene	0.295	0.323	0.296	0.293	0.283		0.298	4.9
Anthracene	1.070	1.270	1.155	1.101	1.058		1.131	7.6
1,2,3,4-Tetrachlorobenzene	0.281	0.304	0.289	0.285	0.280		0.288	3.3
Carbazole		1.152	1.083	1.052	1.004	0.950	1.048	7.3
Di-n-butylphthalate	1.196	1.459	1.341	1.373	1.294		1.333	7.3
Fluoranthene	1.232	1.399	1.359	1.419	1.432		1.368	5.9
Pyrene	1.348	1.522	1.446	1.472	1.501		1.458	4.7
Butylbenzylphthalate	0.541	0.650	0.623	0.688	0.685		0.637	9.4
3,3-Dichlorobenzidine		0.494	0.471	0.501	0.505	0.480	0.490	2.9
2,2-oxybis (1-Chloropropane)		1.718	1.632	1.610	1.534	1.320	1.563	9.6
Benzo (a) anthracene	1.340	1.546	1.465	1.473	1.479		1.461	5.1
Chrysene	1.332	1.476	1.399	1.389	1.370		1.393	3.8
Bis (2-ethylhexyl) phthalate	0.810	0.977	0.907	0.995	0.962		0.930	8.0
Di-n-octyl phthalate		1.313	1.264	1.470	1.464	1.543	1.411	8.3
Benzo (b) fluoranthene	1.139	1.269	1.234	1.260	1.284		1.237	4.7
Benzo (k) fluoranthene	1.087	1.278	1.225	1.261	1.262		1.223	6.4
Benzo (a) pyrene	1.022	1.220	1.165	1.172	1.183		1.153	6.6
Indeno (1,2,3-cd) pyrene	1.392	1.582	1.498	1.452	1.460		1.477	4.7
Dibenzo (a,h) anthracene	1.125	1.287	1.202	1.156	1.161		1.186	5.3
Benzo (g,h,i) perylene	1.084	1.244	1.189	1.151	1.165		1.167	5.0
Acetophenone		2.160	1.999	1.821	1.782	1.710	1.894	9.6
2,3,4,6-Tetrachlorophenol	0.351	0.413	0.394	0.403	0.410		0.394	6.4
1,4-Dioxane-d8	0.458	0.565	0.507	0.498	0.497		0.505	7.6
Pyridine-d5		1.527	1.467	1.356	1.317	1.218	1.377	8.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM080224 SAS No.: BM080224 SDG No.: BM080224
Instrument ID: _____ Calibration Date(s): 8/2/2024 1: _____
Calibration Time(s): 14:20 _____

LAB FILE ID:		RRFAL1 = BM046948.D			RRFAL2 = BM046949.D		RRFAL3 = BM046950.D	
		RRFAL4 = BM046951.D			RRFAL5 = BM046952.D		RRFAL6 = BM046953.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.649	1.583	1.512	1.466	1.385	1.519	6.7
Bis-(2-Chloroethyl)ether-d8		1.113	1.047	1.004	0.974	0.860	1.000	9.4
2-Chlorophenol-d4	1.180	1.377	1.326	1.293	1.258		1.287	5.8
4-Methylphenol-d8		1.275	1.225	1.198	1.195	1.126	1.204	4.5
Nitrobenzene-d5	0.145	0.172	0.167	0.158	0.160		0.160	6.4
2-Nitrophenol-d4	0.149	0.181	0.179	0.182	0.185		0.175	8.6
2,4-Dichlorophenol-d3	0.294	0.353	0.347	0.346	0.342		0.336	7.1
4-Chloroaniline-d4		0.478	0.457	0.441	0.431	0.404	0.442	6.3
4-Methylphenol		1.344	1.320	1.266	1.216	1.150	1.259	6.2
Dimethylphthalate-d6	1.423	1.651	1.545	1.516	1.511		1.529	5.4
Acenaphthylene-d8	1.569	1.851	1.755	1.691	1.668		1.707	6.1
4-Nitrophenol-d4		0.300	0.287	0.301	0.304	0.286	0.296	2.9
Fluorene-d10	1.211	1.440	1.346	1.292	1.252		1.308	6.8
4,6-Dinitro-2-methylphenol-		0.122	0.121	0.131	0.129	0.129	0.126	3.6
Anthracene-d10	0.893	1.049	0.971	0.932	0.896		0.948	6.8
Pyrene-d10	1.027	1.170	1.134	1.178	1.215		1.145	6.3
Benzo(a)pyrene-d12	0.926	1.091	1.063	1.081	1.104		1.053	6.9
N-Nitroso-di-n-propylamine	0.952	1.099	1.047	0.961	0.936		0.999	7.1

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.: BM080624 SAS No.: BM080624 SDG NO.: BM080624

EPA Sample No.: SSTD020008

Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BM046950.D

Time Analyzed: 18:32

Instrument ID: BNA_M

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	99153	7.404	374990	10.16	246433	14.06
	UPPER LIMIT	198306	7.904	749980	10.663	492866	14.563
	LOWER LIMIT	49576.5	6.904	187495	9.663	123216.5	13.563
	EPA SAMPLE NO.						
01	SBLK449	198274	7.40	769912 *	10.15	469248	14.05
02	DCVX0DL	161715	7.40	624527	10.15	396787	14.05
03	DCVX5DL	166322	7.40	627404	10.15	385866	14.05
04	F7E13DL	169499	7.40	651632	10.15	402851	14.05
05	E20L4	283546 *	7.40	1.06485e *	10.15	659591 *	14.05
06	E20L7	338751 *	7.40	1.28155e *	10.16	767534 *	14.06
07	E20M2	294153 *	7.40	1.10965e *	10.16	686062 *	14.06
08	E20L8	281971 *	7.40	1.07678e *	10.16	678705 *	14.06
09	E20L5	293902 *	7.40	1.12157e *	10.16	710187 *	14.06
10	E20M3	326742 *	7.40	1.24827e *	10.16	768414 *	14.06
11	E20N1	311201 *	7.40	1.16508e *	10.16	712307 *	14.05
12	SLCS275	331017 *	7.40	1.27708e *	10.16	817707 *	14.06
13	SBLK275	341204 *	7.40	1.30363e *	10.15	821188 *	14.05
14	SBLK282	233089 *	7.40	912278 *	10.15	575774 *	14.05
15	E20N1MS	373055 *	7.40	1.44766e *	10.16	906580 *	14.05
16	E20N1MSD	377672 *	7.40	1.46324e *	10.15	904756 *	14.05
17	E20N2	318009 *	7.40	1.21171e *	10.15	768216 *	14.05
18	E20M4	289790 *	7.40	1.10567e *	10.15	686212 *	14.05
19	F7E44	254570 *	7.40	1.00021e *	10.15	637311 *	14.05

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM080624 SAS No.: BM080624 SDG NO.: BM080624

EPA Sample No.: SSTD020008 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BM046950.D Time Analyzed: 08:02

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	99153	7.404	374990	10.16	246433	14.06
UPPER LIMIT	198306	7.904	749980	10.663	492866	14.563
LOWER LIMIT	49576.5	6.904	187495	9.663	123216.5	13.563
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.: BM080624 SAS No.: BM080624 SDG NO.: BM080624

EPA Sample No.: SSTD020131 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BM047027.D Time Analyzed: 18:32

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	225868	7.398	943231	10.16	628254	14.05
UPPER LIMIT	451736	7.898	1886462	10.657	1256508	14.551
LOWER LIMIT	112934	6.898	471615.5	9.657	314127	13.551
EPA SAMPLE NO.						
01 SBLK449	198274	7.40	769912	10.15	469248	14.05
02 DCVX0DL	161715	7.40	624527	10.15	396787	14.05
03 DCVX5DL	166322	7.40	627404	10.15	385866	14.05
04 F7E13DL	169499	7.40	651632	10.15	402851	14.05
05 E20L4	283546	7.40	1.06485e	10.15	659591	14.05
06 E20L7	338751	7.40	1.28155e	10.16	767534	14.06
07 E20M2	294153	7.40	1.10965e	10.16	686062	14.06
08 E20L8	281971	7.40	1.07678e	10.16	678705	14.06
09 E20L5	293902	7.40	1.12157e	10.16	710187	14.06
10 E20M3	326742	7.40	1.24827e	10.16	768414	14.06
11 E20N1	311201	7.40	1.16508e	10.16	712307	14.05
12 SLCS275	331017	7.40	1.27708e	10.16	817707	14.06

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.: BM080624 SAS No.: BM080624 SDG NO.: BM080624

EPA Sample No.: SSTD020132 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BM047040.D Time Analyzed: 04:01

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	337254	7.398	1.35828e+01	10.16	889074	14.05
UPPER LIMIT	674508	7.898	2716560	10.657	1778148	14.551
LOWER LIMIT	168627	6.898	679140	9.657	444537	13.551
EPA SAMPLE NO.						
01 SBLK275	341204	7.40	1.30363e	10.15	821188	14.05
02 SBLK282	233089	7.40	912278	10.15	575774	14.05
03 E20N1MS	373055	7.40	1.44766e	10.16	906580	14.05
04 E20N1MSD	377672	7.40	1.46324e	10.15	904756	14.05
05 E20N2	318009	7.40	1.21171e	10.15	768216	14.05
06 E20M4	289790	7.40	1.10567e	10.15	686212	14.05
07 F7E44	254570	7.40	1.00021e	10.15	637311	14.05

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.: BM080624 SAS No.: BM080624 SDG NO.: BM080624

EPA Sample No.: SSTD020008 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BM046950.D Time Analyzed: 18:32

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	547169	16.821	545699	21.056	700590	23.774
	UPPER LIMIT	1094338	17.321	1091398	21.556	1401180	24.274
	LOWER LIMIT	273584.5	16.321	272849.5	20.556	350295	23.274
	EPA SAMPLE NO.						
01	SBLK449	905944	16.81	753622	21.05	860885	23.75
02	DCVX0DL	845145	16.81	764444	21.05	880728	23.75
03	DCVX5DL	784275	16.81	699856	21.04	801986	23.75
04	F7E13DL	810634	16.81	776791	21.04	932328	23.75
05	E20L4	1.37585*	16.81	1.40953e+ *	21.04	1.61229e+ *	23.76
06	E20L7	1.46676*	16.82	1.08888e+	21.05	1.25765e+	23.76
07	E20M2	1.38209*	16.82	1.0942e+0 *	21.05	1.21819e+	23.76
08	E20L8	1.3875e*	16.82	1.10086e+ *	21.05	1.21027e+	23.76
09	E20L5	1.44106*	16.82	1.1707e+0 *	21.04	1.27121e+	23.76
10	E20M3	1.55851*	16.82	1.30055e+ *	21.05	1.40623e+ *	23.76
11	E20N1	1.41224*	16.82	1.17318e+ *	21.05	1.25431e+	23.76
12	SLCS275	1.6794e*	16.82	1.30443e+ *	21.05	1.45294e+ *	23.76
13	SBLK275	1.65929*	16.81	1.43785e+ *	21.04	1.52932e+ *	23.76
14	SBLK282	1.18672*	16.81	1.03436e+	21.05	1.08713e+	23.76
15	E20N1MS	1.84655*	16.82	1.47276e+ *	21.05	1.65574e+ *	23.76
16	E20N1MSD	1.84651*	16.82	1.4617e+0 *	21.05	1.65073e+ *	23.76
17	E20N2	1.56959*	16.81	1.35516e+ *	21.05	1.48379e+ *	23.76
18	E20M4	1.37028*	16.81	1.20708e+ *	21.05	1.30156e+	23.75
19	F7E44	1.34092*	16.81	1.21426e+ *	21.05	1.36575e+	23.76

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM080624 SAS No.: BM080624 SDG NO.: BM080624

EPA Sample No.: SSTD020008 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BM046950.D Time Analyzed: 08:02

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	547169	16.821	545699	21.056	700590	23.774
UPPER LIMIT	1094338	17.321	1091398	21.556	1401180	24.274
LOWER LIMIT	273584.5	16.321	272849.5	20.556	350295	23.274
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.: BM080624 SAS No.: BM080624 SDG NO.: BM080624

EPA Sample No.: SSTD020131 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BM047027.D Time Analyzed: 18:32

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.28189e+01	16.81	1.04548e+01	21.045	1.25221e+01	23.756
UPPER LIMIT	2563780	17.31	2090960	21.545	2504420	24.256
LOWER LIMIT	640945	16.31	522740	20.545	626105	23.256
EPA SAMPLE NO.						
01 SBLK449	905944	16.81	753622	21.05	860885	23.75
02 DCVX0DL	845145	16.81	764444	21.05	880728	23.75
03 DCVX5DL	784275	16.81	699856	21.04	801986	23.75
04 F7E13DL	810634	16.81	776791	21.04	932328	23.75
05 E20L4	1.37585	16.81	1.40953e+	21.04	1.61229e+	23.76
06 E20L7	1.46676	16.82	1.08888e+	21.05	1.25765e+	23.76
07 E20M2	1.38209	16.82	1.0942e+0	21.05	1.21819e+	23.76
08 E20L8	1.3875e	16.82	1.10086e+	21.05	1.21027e+	23.76
09 E20L5	1.44106	16.82	1.1707e+0	21.04	1.27121e+	23.76
10 E20M3	1.55851	16.82	1.30055e+	21.05	1.40623e+	23.76
11 E20N1	1.41224	16.82	1.17318e+	21.05	1.25431e+	23.76
12 SLCS275	1.6794e	16.82	1.30443e+	21.05	1.45294e+	23.76

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.: BM080624 SAS No.: BM080624 SDG NO.: BM080624

EPA Sample No.: SSTD020132 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BM047040.D Time Analyzed: 04:01

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.84348e+01	16.815	1.47579e+	21.05	1.66673e+01	23.762
UPPER LIMIT	3686960	17.315	2951580	21.55	3333460	24.262
LOWER LIMIT	921740	16.315	737895	20.55	833365	23.262
EPA SAMPLE NO.						
01 SBLK275	1.65929	16.81	1.43785e+	21.04	1.52932e+	23.76
02 SBLK282	1.18672	16.81	1.03436e+	21.05	1.08713e+	23.76
03 E20N1MS	1.84655	16.82	1.47276e+	21.05	1.65574e+	23.76
04 E20N1MSD	1.84651	16.82	1.4617e+0	21.05	1.65073e+	23.76
05 E20N2	1.56959	16.81	1.35516e+	21.05	1.48379e+	23.76
06 E20M4	1.37028	16.81	1.20708e+	21.05	1.30156e+	23.75
07 F7E44	1.34092	16.81	1.21426e+	21.05	1.36575e+	23.76

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.: **BM080624**

Client: _____

Analytical Method: **SFAM_SVOC**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162275BS	1,4-Dioxane	530	270	ug/Kg	51				0	0	
	Benzaldehyde	1300	830	ug/Kg	64				0	0	
	Pyridine	1300	790	ug/Kg	61				0	0	
	Phenol	1300	960	ug/Kg	74				0	0	
	Bis(2-chloroethyl)ether	1300	910	ug/Kg	70				0	0	
	2-Chlorophenol	1300	920	ug/Kg	71				0	0	
	2-Methylphenol	1300	940	ug/Kg	72				0	0	
	2,2-oxybis(1-Chloropropane)	1300	970	ug/Kg	75				0	0	
	Acetophenone	1300	890	ug/Kg	68				0	0	
	4-Methylphenol	1300	940	ug/Kg	72				0	0	
	N-Nitroso-di-n-propylamine	1300	880	ug/Kg	68				0	0	
	Hexachloroethane	1300	830	ug/Kg	64				0	0	
	Nitrobenzene	1300	860	ug/Kg	66				0	0	
	Isophorone	1300	920	ug/Kg	71				0	0	
	2-Nitrophenol	1300	960	ug/Kg	74				0	0	
	2,4-Dimethylphenol	1300	670	ug/Kg	52				0	0	
	Bis(2-chloroethoxy)methane	1300	900	ug/Kg	69				0	0	
	2,4-Dichlorophenol	1300	920	ug/Kg	71				0	0	
	Naphthalene	1300	900	ug/Kg	69				0	0	
	4-Chloroaniline	1300	830	ug/Kg	64				0	0	
	Hexachlorobutadiene	1300	810	ug/Kg	62				0	0	
	Caprolactam	1300	990	ug/Kg	76				0	0	
	4-Chloro-3-methylphenol	1300	930	ug/Kg	72				0	0	
	1-Methylnaphthalene	1300	880	ug/Kg	68				0	0	
	2-Methylnaphthalene	1300	900	ug/Kg	69				0	0	
	Hexachlorocyclopentadiene	1300	540	ug/Kg	42				0	0	
	2,4,6-Trichlorophenol	1300	870	ug/Kg	67				0	0	
	2,4,5-Trichlorophenol	1300	900	ug/Kg	69				0	0	
	1,1'-Biphenyl	1300	920	ug/Kg	71				0	0	
	2-Chloronaphthalene	1300	920	ug/Kg	71				0	0	
	2-Nitroaniline	1300	960	ug/Kg	74				0	0	
	Dimethylphthalate	1300	910	ug/Kg	70				0	0	
	2,6-Dinitrotoluene	1300	1000	ug/Kg	77				0	0	
	Acenaphthylene	1300	970	ug/Kg	75				0	0	
	3-Nitroaniline	1300	1000	ug/Kg	77				0	0	
	Acenaphthene	1300	890	ug/Kg	68				0	0	
	2,4-Dinitrophenol	1300	770	ug/Kg	59				0	0	
	4-Nitrophenol	1300	730	ug/Kg	56				0	0	
	Dibenzofuran	1300	890	ug/Kg	68				0	0	
	2,4-Dinitrotoluene	1300	950	ug/Kg	73				0	0	
	Diethylphthalate	1300	850	ug/Kg	65				0	0	
	Fluorene	1300	880	ug/Kg	68				0	0	
	4-Chlorophenyl-phenylether	1300	860	ug/Kg	66				0	0	
	4-Nitroaniline	1300	990	ug/Kg	76				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM080624**

Client:

Analytical Method: **SFAM_SVOC**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162275BS	4,6-Dinitro-2-methylphenol	1300	840	ug/Kg	65				0	0		
	N-Nitrosodiphenylamine	1300	940	ug/Kg	72				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	920	ug/Kg	71				0	0		
	4-Bromophenyl-phenylether	1300	950	ug/Kg	73				0	0		
	Hexachlorobenzene	1300	940	ug/Kg	72				0	0		
	Atrazine	1300	91	ug/Kg	7				0	0		
	Pentachlorophenol	1300	690	ug/Kg	53				0	0		
	Phenanthrene	1300	930	ug/Kg	72				0	0		
	Pentachlorobenzene	1300	900	ug/Kg	69				0	0		
	Anthracene	1300	900	ug/Kg	69				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	980	ug/Kg	75				0	0		
	Carbazole	1300	930	ug/Kg	72				0	0		
	Di-n-butylphthalate	1300	900	ug/Kg	69				0	0		
	Fluoranthene	1300	1100	ug/Kg	85				0	0		
	Pyrene	1300	1100	ug/Kg	85				0	0		
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0		
	3,3'-Dichlorobenzidine	1300	970	ug/Kg	75				0	0		
	Benzo(a)anthracene	1300	960	ug/Kg	74				0	0		
	Chrysene	1300	930	ug/Kg	72				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0		
	Di-n-octylphthalate	1300	1100	ug/Kg	85				0	0		
	Benzo(b)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(k)fluoranthene	1300	960	ug/Kg	74				0	0		
	Benzo(a)pyrene	1300	930	ug/Kg	72				0	0		
	Indeno(1,2,3-cd)pyrene	1300	950	ug/Kg	73				0	0		
	Dibenzo(a,h)anthracene	1300	960	ug/Kg	74				0	0		
	Benzo(g,h,i)perylene	1300	970	ug/Kg	75				0	0		
	2,3,4,6-Tetrachlorophenol	1300	750	ug/Kg	58				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK275

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM080624

SAS No.: BM080624 SDG NO.: BM080624

Lab File ID: BM047041.D

Lab Sample ID: PB162275BL

Instrument ID: BNA_M

Date Extracted: 07/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/07/2024

Level: (low/med) LOW

Time Analyzed: 04:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E20N1MS	P3328-21MS	BM047043.D	08/07/2024
E20N1MSD	P3328-22MSD	BM047044.D	08/07/2024
E20N2	P3328-23	BM047045.D	08/07/2024
E20M4	P3328-19	BM047046.D	08/07/2024
E20L4	P3328-11	BM047032.D	08/06/2024
E20L7	P3328-14	BM047033.D	08/06/2024
E20M2	P3328-17	BM047034.D	08/06/2024
E20L8	P3328-15	BM047035.D	08/06/2024
E20L5	P3328-12	BM047036.D	08/06/2024
E20M3	P3328-18	BM047037.D	08/07/2024
E20N1	P3328-20	BM047038.D	08/07/2024
PB162275BS	PB162275BS	BM047039.D	08/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK282

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM080624

SAS No.: BM080624 SDG NO.: BM080624

Lab File ID: BM047042.D

Lab Sample ID: PB162282BL

Instrument ID: BNA_M

Date Extracted: 07/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/07/2024

Level: (low/med) LOW

Time Analyzed: 04:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7E44	P3336-16	BM047047.D	08/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK449

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM080624

SAS No.: BM080624 SDG NO.: BM080624

Lab File ID: BM047028.D

Lab Sample ID: PB162449BL

Instrument ID: BNA_M

Date Extracted: 08/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/06/2024

Level: (low/med) LOW

Time Analyzed: 18:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM080624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3328-21MS	Client Sample ID:	E20N1MS				DataFile:	BM047043.D			
1,4-Dioxane	610		320	ug/Kg	52				15	120	
Benzaldehyde	1500		1200	ug/Kg	80				0	0	
Pyridine	1500		910	ug/Kg	61				0	0	
Phenol	1500		1100	ug/Kg	73				26	90	
Bis(2-chloroethyl)ether	1500		1100	ug/Kg	73				0	0	
2-Chlorophenol	1500		1100	ug/Kg	73				25	102	
2-Methylphenol	1500		1100	ug/Kg	73				0	0	
2,2-oxybis(1-Chloropropane)	1500		1200	ug/Kg	80				0	0	
Acetophenone	1500		1100	ug/Kg	73				0	0	
4-Methylphenol	1500		1100	ug/Kg	73				0	0	
N-Nitroso-di-n-propylamine	1500		1100	ug/Kg	73				41	126	
Hexachloroethane	1500		970	ug/Kg	65				0	0	
Nitrobenzene	1500		1000	ug/Kg	67				0	0	
Isophorone	1500		1100	ug/Kg	73				0	0	
2-Nitrophenol	1500		1200	ug/Kg	80				0	0	
2,4-Dimethylphenol	1500		790	ug/Kg	53				0	0	
Bis(2-chloroethoxy)methane	1500		1100	ug/Kg	73				0	0	
2,4-Dichlorophenol	1500		1100	ug/Kg	73				0	0	
Naphthalene	1500		1100	ug/Kg	73				0	0	
4-Chloroaniline	1500		1000	ug/Kg	67				0	0	
Hexachlorobutadiene	1500		980	ug/Kg	65				0	0	
Caprolactam	1500		1200	ug/Kg	80				0	0	
4-Chloro-3-methylphenol	1500		1100	ug/Kg	73				26	103	
1-Methylnaphthalene	1500		1000	ug/Kg	67				0	0	
2-Methylnaphthalene	1500		1100	ug/Kg	73				0	0	
Hexachlorocyclopentadiene	1500		710	ug/Kg	47				0	0	
2,4,6-Trichlorophenol	1500		1200	ug/Kg	80				0	0	
2,4,5-Trichlorophenol	1500		1200	ug/Kg	80				0	0	
1,1'-Biphenyl	1500		1100	ug/Kg	73				0	0	
2-Chloronaphthalene	1500		1100	ug/Kg	73				0	0	
2-Nitroaniline	1500		1100	ug/Kg	73				0	0	
Dimethylphthalate	1500		1100	ug/Kg	73				0	0	
2,6-Dinitrotoluene	1500		1200	ug/Kg	80				0	0	
Acenaphthylene	1500		1100	ug/Kg	73				0	0	
3-Nitroaniline	1500		1200	ug/Kg	80				0	0	
Acenaphthene	1500		1100	ug/Kg	73				31	137	
2,4-Dinitrophenol	1500		980	ug/Kg	65				0	0	
4-Nitrophenol	1500		880	ug/Kg	59				11	114	
Dibenzofuran	1500		1000	ug/Kg	67				0	0	
2,4-Dinitrotoluene	1500		1100	ug/Kg	73				28	89	
Diethylphthalate	1500		1000	ug/Kg	67				0	0	
Fluorene	1500		1000	ug/Kg	67				0	0	
4-Chlorophenyl-phenylether	1500		1000	ug/Kg	67				0	0	
4-Nitroaniline	1500		1200	ug/Kg	80				0	0	
4,6-Dinitro-2-methylphenol	1500		1000	ug/Kg	67				0	0	
N-Nitrosodiphenylamine	1500		1100	ug/Kg	73				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM080624

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	1500		1100	ug/Kg	73				0	0	
4-Bromophenyl-phenylether	1500		1100	ug/Kg	73				0	0	
Hexachlorobenzene	1500		1100	ug/Kg	73				0	0	
Atrazine	1500		1000	ug/Kg	67				0	0	
Pentachlorophenol	1500		1100	ug/Kg	73				17	109	
Phenanthrene	1500		1100	ug/Kg	73				0	0	
Pentachlorobenzene	1500		1100	ug/Kg	73				0	0	
Anthracene	1500		1000	ug/Kg	67				0	0	
1,2,3,4-Tetrachlorobenzene	1500		1200	ug/Kg	80				0	0	
Carbazole	1500		1100	ug/Kg	73				0	0	
Di-n-butylphthalate	1500		1000	ug/Kg	67				0	0	
Fluoranthene	1500		1300	ug/Kg	87				0	0	
Pyrene	1500		1200	ug/Kg	80				35	142	
Butylbenzylphthalate	1500		1300	ug/Kg	87				0	0	
3,3'-Dichlorobenzidine	1500		1100	ug/Kg	73				0	0	
Benzo(a)anthracene	1500		1100	ug/Kg	73				0	0	
Chrysene	1500		1100	ug/Kg	73				0	0	
Bis(2-ethylhexyl)phthalate	1500		1200	ug/Kg	80				0	0	
Di-n-octylphthalate	1500		1200	ug/Kg	80				0	0	
Benzo(b)fluoranthene	1500		1200	ug/Kg	80				0	0	
Benzo(k)fluoranthene	1500		1100	ug/Kg	73				0	0	
Benzo(a)pyrene	1500		1100	ug/Kg	73				0	0	
Indeno(1,2,3-cd)pyrene	1500		1100	ug/Kg	73				0	0	
Dibenzo(a,h)anthracene	1500		1100	ug/Kg	73				0	0	
Benzo(g,h,i)perylene	1500		1100	ug/Kg	73				0	0	
2,3,4,6-Tetrachlorophenol	1500		1100	ug/Kg	73				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM080624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3328-22MSD	Client Sample ID:	E20N1MSD					DataFile:	BM047044.D		
1,4-Dioxane	610		330	ug/Kg	54	4			15	120	50
Benzaldehyde	1500		1200	ug/Kg	80	0			0	0	0
Pyridine	1500		960	ug/Kg	64	5	*		0	0	0
Phenol	1500		1200	ug/Kg	80	9			26	90	35
Bis(2-chloroethyl)ether	1500		1100	ug/Kg	73	0			0	0	0
2-Chlorophenol	1500		1100	ug/Kg	73	0			25	102	50
2-Methylphenol	1500		1200	ug/Kg	80	9	*		0	0	0
2,2-oxybis(1-Chloropropane)	1500		1200	ug/Kg	80	0			0	0	0
Acetophenone	1500		1100	ug/Kg	73	0			0	0	0
4-Methylphenol	1500		1200	ug/Kg	80	9	*		0	0	0
N-Nitroso-di-n-propylamine	1500		1100	ug/Kg	73	0			41	126	38
Hexachloroethane	1500		1000	ug/Kg	67	3	*		0	0	0
Nitrobenzene	1500		1100	ug/Kg	73	9	*		0	0	0
Isophorone	1500		1100	ug/Kg	73	0			0	0	0
2-Nitrophenol	1500		1200	ug/Kg	80	0			0	0	0
2,4-Dimethylphenol	1500		850	ug/Kg	57	7	*		0	0	0
Bis(2-chloroethoxy)methane	1500		1200	ug/Kg	80	9	*		0	0	0
2,4-Dichlorophenol	1500		1200	ug/Kg	80	9	*		0	0	0
Naphthalene	1500		1100	ug/Kg	73	0			0	0	0
4-Chloroaniline	1500		1100	ug/Kg	73	9	*		0	0	0
Hexachlorobutadiene	1500		1000	ug/Kg	67	3	*		0	0	0
Caprolactam	1500		1200	ug/Kg	80	0			0	0	0
4-Chloro-3-methylphenol	1500		1100	ug/Kg	73	0			26	103	33
1-Methylnaphthalene	1500		1100	ug/Kg	73	9	*		0	0	0
2-Methylnaphthalene	1500		1100	ug/Kg	73	0			0	0	0
Hexachlorocyclopentadiene	1500		770	ug/Kg	51	8	*		0	0	0
2,4,6-Trichlorophenol	1500		1300	ug/Kg	87	8	*		0	0	0
2,4,5-Trichlorophenol	1500		1300	ug/Kg	87	8	*		0	0	0
1,1'-Biphenyl	1500		1200	ug/Kg	80	9	*		0	0	0
2-Chloronaphthalene	1500		1200	ug/Kg	80	9	*		0	0	0
2-Nitroaniline	1500		1200	ug/Kg	80	9	*		0	0	0
Dimethylphthalate	1500		1100	ug/Kg	73	0			0	0	0
2,6-Dinitrotoluene	1500		1300	ug/Kg	87	8	*		0	0	0
Acenaphthylene	1500		1200	ug/Kg	80	9	*		0	0	0
3-Nitroaniline	1500		1300	ug/Kg	87	8	*		0	0	0
Acenaphthene	1500		1100	ug/Kg	73	0			31	137	19
2,4-Dinitrophenol	1500		1100	ug/Kg	73	12	*		0	0	0
4-Nitrophenol	1500		930	ug/Kg	62	5			11	114	50
Dibenzofuran	1500		1100	ug/Kg	73	9	*		0	0	0
2,4-Dinitrotoluene	1500		1200	ug/Kg	80	9			28	89	47
Diethylphthalate	1500		1100	ug/Kg	73	9	*		0	0	0
Fluorene	1500		1100	ug/Kg	73	9	*		0	0	0
4-Chlorophenyl-phenylether	1500		1100	ug/Kg	73	9	*		0	0	0
4-Nitroaniline	1500		1300	ug/Kg	87	8	*		0	0	0
4,6-Dinitro-2-methylphenol	1500		1100	ug/Kg	73	9	*		0	0	0
N-Nitrosodiphenylamine	1500		1200	ug/Kg	80	9	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM080624

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	1500		1200	ug/Kg	80	9	*		0	0	0
4-Bromophenyl-phenylether	1500		1200	ug/Kg	80	9	*		0	0	0
Hexachlorobenzene	1500		1200	ug/Kg	80	9	*		0	0	0
Atrazine	1500		1100	ug/Kg	73	9	*		0	0	0
Pentachlorophenol	1500		1100	ug/Kg	73	0			17	109	47
Phenanthrene	1500		1100	ug/Kg	73	0			0	0	0
Pentachlorobenzene	1500		1100	ug/Kg	73	0			0	0	0
Anthracene	1500		1100	ug/Kg	73	9	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1500		1300	ug/Kg	87	8	*		0	0	0
Carbazole	1500		1100	ug/Kg	73	0			0	0	0
Di-n-butylphthalate	1500		1100	ug/Kg	73	9	*		0	0	0
Fluoranthene	1500		1400	ug/Kg	93	7	*		0	0	0
Pyrene	1500		1300	ug/Kg	87	8			35	142	36
Butylbenzylphthalate	1500		1300	ug/Kg	87	0			0	0	0
3,3'-Dichlorobenzidine	1500		1100	ug/Kg	73	0			0	0	0
Benzo(a)anthracene	1500		1200	ug/Kg	80	9	*		0	0	0
Chrysene	1500		1200	ug/Kg	80	9	*		0	0	0
Bis(2-ethylhexyl)phthalate	1500		1300	ug/Kg	87	8	*		0	0	0
Di-n-octylphthalate	1500		1300	ug/Kg	87	8	*		0	0	0
Benzo(b)fluoranthene	1500		1200	ug/Kg	80	0			0	0	0
Benzo(k)fluoranthene	1500		1200	ug/Kg	80	9	*		0	0	0
Benzo(a)pyrene	1500		1200	ug/Kg	80	9	*		0	0	0
Indeno(1,2,3-cd)pyrene	1500		1200	ug/Kg	80	9	*		0	0	0
Dibenzo(a,h)anthracene	1500		1200	ug/Kg	80	9	*		0	0	0
Benzo(g,h,i)perylene	1500		1200	ug/Kg	80	9	*		0	0	0
2,3,4,6-Tetrachlorophenol	1500		1200	ug/Kg	80	9	*		0	0	0

Surrogate Summary

SW-846

SDG No.: **BM080624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3329-08DL	F7E13DL	BM047031.D	1,4-Dioxane-d8	8	2.93	37		15	120
			Pyridine-d5	40	16.92	42		20	120
			Phenol-d5	40	18.16	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.10	50		10	150
			2-Chlorophenol-d4	40	17.50	44		15	120
			4-Methylphenol-d8	40	18.21	46		10	140
			Nitrobenzene-d5	40	18.05	45		10	135
			2-Nitrophenol-d4	40	15.43	39		10	120
			2,4-Dichlorophenol-d3	40	16.10	40		10	140
			4-Chloroaniline-d4	40	18.63	47		1	145
			Dimethylphthalate-d6	40	19.05	48		10	145
			Acenaphthylene-d8	40	19.43	49		15	120
			4-Nitrophenol-d4	40	10.04	25		10	150
			Fluorene-d10	40	19.53	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.29	21		10	130
			Anthracene-d10	40	20.06	50		10	150
			Pyrene-d10	40	19.82	50		10	130
			Benzo(a)pyrene-d12	40	18.99	47		10	140

Surrogate Summary

SW-846

SDG No.: **BM080624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3328-11	E20L4	BM047032.D	1,4-Dioxane-d8	8	2.24	28		15	120
			Pyridine-d5	40	1.39	3	*	20	120
			Phenol-d5	40	18.02	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.25	43		10	150
			2-Chlorophenol-d4	40	16.93	42		15	120
			4-Methylphenol-d8	40	15.03	38		10	140
			Nitrobenzene-d5	40	17.23	43		10	135
			2-Nitrophenol-d4	40	17.18	43		10	120
			2,4-Dichlorophenol-d3	40	16.83	42		10	140
			4-Chloroaniline-d4	40	8.53	21		1	145
			Dimethylphthalate-d6	40	16.88	42		10	145
			Acenaphthylene-d8	40	17.22	43		15	120
			4-Nitrophenol-d4	40	13.82	35		10	150
			Fluorene-d10	40	17.85	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.50	26		10	130
			Anthracene-d10	40	18.85	47		10	150
			Pyrene-d10	40	15.18	38		10	130
			Benzo(a)pyrene-d12	40	11.36	28		10	140
P3328-12	E20L5	BM047036.D	1,4-Dioxane-d8	8	3.24	40		15	120
			Pyridine-d5	40	17.64	44		20	120
			Phenol-d5	40	22.42	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.88	52		10	150
			2-Chlorophenol-d4	40	21.28	53		15	120
			4-Methylphenol-d8	40	22.29	56		10	140
			Nitrobenzene-d5	40	21.71	54		10	135
			2-Nitrophenol-d4	40	22.32	56		10	120
			2,4-Dichlorophenol-d3	40	21.63	54		10	140
			4-Chloroaniline-d4	40	21.93	55		1	145
			Dimethylphthalate-d6	40	22.72	57		10	145
			Acenaphthylene-d8	40	23.29	58		15	120
			4-Nitrophenol-d4	40	19.13	48		10	150
			Fluorene-d10	40	22.85	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.49	29		10	130
			Anthracene-d10	40	24.09	60		10	150
			Pyrene-d10	40	27.37	68		10	130
			Benzo(a)pyrene-d12	40	25.13	63		10	140
P3328-14	E20L7	BM047033.D	1,4-Dioxane-d8	8	1.68	21		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	12.24	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.96	30		10	150
			2-Chlorophenol-d4	40	11.93	30		15	120
			4-Methylphenol-d8	40	11.30	28		10	140
			Nitrobenzene-d5	40	12.00	30		10	135
			2-Nitrophenol-d4	40	11.87	30		10	120
			2,4-Dichlorophenol-d3	40	12.00	30		10	140
			4-Chloroaniline-d4	40	8.89	22		1	145
			Dimethylphthalate-d6	40	12.21	31		10	145
			Acenaphthylene-d8	40	12.73	32		15	120
			4-Nitrophenol-d4	40	8.67	22		10	150

Surrogate Summary

SW-846

SDG No.: **BM080624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3328-14	E20L7	BM047033.D	Fluorene-d10	40	12.51	31		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.00	10		10	130
			Anthracene-d10	40	13.11	33		10	150
			Pyrene-d10	40	12.09	30		10	130
			Benzo(a)pyrene-d12	40	7.33	18		10	140
P3328-15	E20L8	BM047035.D	Pyridine-d5	40	15.67	39		20	120
			1,4-Dioxane-d8	8	2.82	35		15	120
			Phenol-d5	40	20.27	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.62	47		10	150
			2-Chlorophenol-d4	40	18.92	47		15	120
			4-Methylphenol-d8	40	20.81	52		10	140
			Nitrobenzene-d5	40	19.13	48		10	135
			2-Nitrophenol-d4	40	19.52	49		10	120
			2,4-Dichlorophenol-d3	40	19.81	50		10	140
			4-Chloroaniline-d4	40	20.00	50		1	145
			Dimethylphthalate-d6	40	21.03	53		10	145
			Acenaphthylene-d8	40	21.61	54		15	120
			4-Nitrophenol-d4	40	17.00	43		10	150
			Fluorene-d10	40	21.10	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.45	21		10	130
			Anthracene-d10	40	21.67	54		10	150
			Pyrene-d10	40	25.41	64		10	130
			Benzo(a)pyrene-d12	40	22.76	57		10	140
			Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	1.65	21		15	120
P3328-17	E20M2	BM047034.D	Phenol-d5	40	10.72	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.62	27		10	150
			2-Chlorophenol-d4	40	10.56	26		15	120
			4-Methylphenol-d8	40	6.61	17		10	140
			Nitrobenzene-d5	40	10.56	26		10	135
			2-Nitrophenol-d4	40	10.53	26		10	120
			2,4-Dichlorophenol-d3	40	10.09	25		10	140
			4-Chloroaniline-d4	40	9.11	23		1	145
			Dimethylphthalate-d6	40	11.05	28		10	145
			Acenaphthylene-d8	40	11.31	28		15	120
			4-Nitrophenol-d4	40	8.61	22		10	150
			Fluorene-d10	40	11.38	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.09	10		10	130
			Anthracene-d10	40	11.76	29		10	150
			Pyrene-d10	40	11.03	28		10	130
			Benzo(a)pyrene-d12	40	6.75	17		10	140
			1,4-Dioxane-d8	8	2.94	37		15	120
			Pyridine-d5	40	13.13	33		20	120
			Phenol-d5	40	20.52	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.39	48		10	150
P3328-18	E20M3	BM047037.D	2-Chlorophenol-d4	40	19.69	49		15	120
			4-Methylphenol-d8	40	20.24	51		10	140
			Nitrobenzene-d5	40	20.22	51		10	135
			2-Nitrophenol-d4	40	20.72	52		10	120

Surrogate Summary

SW-846

SDG No.: **BM080624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3328-18	E20M3	BM047037.D	2,4-Dichlorophenol-d3	40	19.78	49		10	140
			4-Chloroaniline-d4	40	19.75	49		1	145
			Dimethylphthalate-d6	40	21.16	53		10	145
			Acenaphthylene-d8	40	21.79	54		15	120
			4-Nitrophenol-d4	40	18.10	45		10	150
			Fluorene-d10	40	21.04	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.27	28		10	130
			Anthracene-d10	40	22.14	55		10	150
			Pyrene-d10	40	24.69	62		10	130
			Benzo(a)pyrene-d12	40	23.24	58		10	140
P3328-19	E20M4	BM047046.D	1,4-Dioxane-d8	8	2.80	35		15	120
			Pyridine-d5	40	17.62	44		20	120
			Phenol-d5	40	24.29	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.02	58		10	150
			2-Chlorophenol-d4	40	22.45	56		15	120
			4-Methylphenol-d8	40	25.26	63		10	140
			Nitrobenzene-d5	40	25.00	63		10	135
			2-Nitrophenol-d4	40	25.90	65		10	120
			2,4-Dichlorophenol-d3	40	24.17	60		10	140
			4-Chloroaniline-d4	40	25.76	64		1	145
			Dimethylphthalate-d6	40	28.94	72		10	145
			Acenaphthylene-d8	40	28.34	71		15	120
			4-Nitrophenol-d4	40	26.03	65		10	150
			Fluorene-d10	40	28.10	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.74	57		10	130
			Anthracene-d10	40	30.64	77		10	150
			Pyrene-d10	40	32.27	81		10	130
			Benzo(a)pyrene-d12	40	32.32	81		10	140
P3328-20	E20N1	BM047038.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Pyridine-d5	40	20.55	51		20	120
			Phenol-d5	40	27.85	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.83	67		10	150
			2-Chlorophenol-d4	40	26.62	67		15	120
			4-Methylphenol-d8	40	27.86	70		10	140
			Nitrobenzene-d5	40	29.29	73		10	135
			2-Nitrophenol-d4	40	29.72	74		10	120
			2,4-Dichlorophenol-d3	40	27.66	69		10	140
			4-Chloroaniline-d4	40	28.35	71		1	145
			Dimethylphthalate-d6	40	29.77	74		10	145
			Acenaphthylene-d8	40	30.62	77		15	120
			4-Nitrophenol-d4	40	26.06	65		10	150
			Fluorene-d10	40	29.33	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.55	46		10	130
			Anthracene-d10	40	31.22	78		10	150
			Pyrene-d10	40	34.35	86		10	130
			Benzo(a)pyrene-d12	40	33.14	83		10	140
P3328-21MS	E20N1MS	BM047043.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Pyridine-d5	40	17.59	44		20	120
			Phenol-d5	40	24.67	62		10	130

Surrogate Summary

SW-846

SDG No.: **BM080624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3328-21MS	E20N1MS	BM047043.D	Bis(2-Chloroethyl)ether-d8	40	23.67	59		10	150
			2-Chlorophenol-d4	40	23.86	60		15	120
			4-Methylphenol-d8	40	24.45	61		10	140
			Nitrobenzene-d5	40	24.96	62		10	135
			2-Nitrophenol-d4	40	26.30	66		10	120
			2,4-Dichlorophenol-d3	40	25.46	64		10	140
			4-Chloroaniline-d4	40	23.56	59		1	145
			Dimethylphthalate-d6	40	24.55	61		10	145
			Acenaphthylene-d8	40	25.36	63		15	120
			4-Nitrophenol-d4	40	23.36	58		10	150
			Fluorene-d10	40	23.83	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.82	55		10	130
			Anthracene-d10	40	24.26	61		10	150
			Pyrene-d10	40	28.62	72		10	130
			Benzo(a)pyrene-d12	40	26.41	66		10	140
P3328-22MSD	E20N1MSD	BM047044.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	17.90	45		20	120
			Phenol-d5	40	25.80	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.54	61		10	150
			2-Chlorophenol-d4	40	24.77	62		15	120
			4-Methylphenol-d8	40	25.60	64		10	140
			Nitrobenzene-d5	40	26.47	66		10	135
			2-Nitrophenol-d4	40	27.69	69		10	120
			2,4-Dichlorophenol-d3	40	26.80	67		10	140
			4-Chloroaniline-d4	40	24.88	62		1	145
			Dimethylphthalate-d6	40	26.19	65		10	145
			Acenaphthylene-d8	40	27.02	68		15	120
			4-Nitrophenol-d4	40	25.25	63		10	150
			Fluorene-d10	40	25.47	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.84	60		10	130
			Anthracene-d10	40	25.78	64		10	150
			Pyrene-d10	40	30.49	76		10	130
P3328-23	E20N2	BM047045.D	Benzo(a)pyrene-d12	40	27.92	70		10	140
			1,4-Dioxane-d8	8	2.52	31		15	120
			Pyridine-d5	40	14.13	35		20	120
			Phenol-d5	40	20.26	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.06	48		10	150
			2-Chlorophenol-d4	40	18.93	47		15	120
			4-Methylphenol-d8	40	21.49	54		10	140
			Nitrobenzene-d5	40	20.68	52		10	135
			2-Nitrophenol-d4	40	21.84	55		10	120
			2,4-Dichlorophenol-d3	40	20.91	52		10	140
			4-Chloroaniline-d4	40	21.78	54		1	145
			Dimethylphthalate-d6	40	24.03	60		10	145
			Acenaphthylene-d8	40	23.72	59		15	120
			4-Nitrophenol-d4	40	21.38	53		10	150
			Fluorene-d10	40	23.79	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.27	46		10	130
			Anthracene-d10	40	24.91	62		10	150

Surrogate Summary

SW-846

SDG No.: **BM080624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3328-23	E20N2	BM047045.D	Pyrene-d10	40	26.86	67		10	130
			Benzo(a)pyrene-d12	40	26.41	66		10	140
PB162275BL	PB162275BL	BM047041.D	1,4-Dioxane-d8	8	4.81	60		15	120
			Pyridine-d5	40	24.89	62		20	120
			Phenol-d5	40	28.64	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.60	69		10	150
			2-Chlorophenol-d4	40	27.25	68		15	120
			4-Methylphenol-d8	40	28.18	70		10	140
			Nitrobenzene-d5	40	28.81	72		10	135
			2-Nitrophenol-d4	40	29.98	75		10	120
			2,4-Dichlorophenol-d3	40	27.71	69		10	140
			4-Chloroaniline-d4	40	27.83	70		1	145
			Dimethylphthalate-d6	40	27.27	68		10	145
			Acenaphthylene-d8	40	28.14	70		15	120
			4-Nitrophenol-d4	40	25.94	65		10	150
			Fluorene-d10	40	27.03	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.65	57		10	130
			Anthracene-d10	40	28.14	70		10	150
			Pyrene-d10	40	29.96	75		10	130
			Benzo(a)pyrene-d12	40	28.45	71		10	140
PB162275BS	PB162275BS	BM047039.D	Pyridine-d5	40	21.82	55		20	120
			1,4-Dioxane-d8	8	5.00	62		15	120
			Phenol-d5	40	28.22	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.10	65		10	150
			2-Chlorophenol-d4	40	26.79	67		15	120
			4-Methylphenol-d8	40	27.54	69		10	140
			Nitrobenzene-d5	40	27.83	70		10	135
			2-Nitrophenol-d4	40	29.70	74		10	120
			2,4-Dichlorophenol-d3	40	28.46	71		10	140
			4-Chloroaniline-d4	40	25.48	64		1	145
			Dimethylphthalate-d6	40	27.08	68		10	145
			Acenaphthylene-d8	40	28.00	70		15	120
			4-Nitrophenol-d4	40	27.92	70		10	150
			Fluorene-d10	40	26.82	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.71	64		10	130
			Anthracene-d10	40	26.93	67		10	150
			Pyrene-d10	40	32.51	81		10	130
			Benzo(a)pyrene-d12	40	28.12	70		10	140

Surrogate Summary

SW-846

SDG No.: **BM080624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3336-16	F7E44	BM047047.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	2.29	29		15	120
			Phenol-d5	40	11.47	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.27	33		10	150
			2-Chlorophenol-d4	40	12.35	31		15	120
			4-Methylphenol-d8	40	10.87	27		10	140
			Nitrobenzene-d5	40	12.98	32		10	135
			2-Nitrophenol-d4	40	13.01	33		10	120
			2,4-Dichlorophenol-d3	40	12.25	31		10	140
			4-Chloroaniline-d4	40	8.84	22		1	145
			Dimethylphthalate-d6	40	13.29	33		10	145
			Acenaphthylene-d8	40	13.60	34		15	120
			4-Nitrophenol-d4	40	7.26	18		10	150
			Fluorene-d10	40	13.76	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.71	22		10	130
			Anthracene-d10	40	14.19	35		10	150
			Pyrene-d10	40	10.95	27		10	130
			Benzo(a)pyrene-d12	40	7.06	18		10	140
PB162282BL	PB162282BL	BM047042.D	1,4-Dioxane-d8	8	6.30	79		15	120
			Pyridine-d5	40	33.07	83		20	120
			Phenol-d5	40	38.44	96		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.84	92		10	150
			2-Chlorophenol-d4	40	36.42	91		15	120
			4-Methylphenol-d8	40	37.85	95		10	140
			Nitrobenzene-d5	40	38.03	95		10	135
			2-Nitrophenol-d4	40	39.47	99		10	120
			2,4-Dichlorophenol-d3	40	36.21	91		10	140
			4-Chloroaniline-d4	40	37.09	93		1	145
			Dimethylphthalate-d6	40	36.55	91		10	145
			Acenaphthylene-d8	40	37.85	95		15	120
			4-Nitrophenol-d4	40	33.54	84		10	150
			Fluorene-d10	40	35.95	90		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.04	75		10	130
			Anthracene-d10	40	37.35	93		10	150
			Pyrene-d10	40	39.21	98		10	130
			Benzo(a)pyrene-d12	40	38.14	95		10	140

Surrogate Summary

SW-846

SDG No.: **BM080624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3171-08DL	DCVX0DL	BM047029.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	26.43	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.11	78		10	150
			2-Chlorophenol-d4	40	25.17	63		15	120
			4-Methylphenol-d8	40	24.21	61		10	140
			Nitrobenzene-d5	40	28.71	72		10	135
			2-Nitrophenol-d4	40	22.38	56		10	120
			2,4-Dichlorophenol-d3	40	21.90	55		10	140
			4-Chloroaniline-d4	40	22.44	56		1	145
			Dimethylphthalate-d6	40	27.69	69		10	145
			Acenaphthylene-d8	40	28.05	70		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	29.43	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	28.38	71		10	150
			Pyrene-d10	40	28.41	71		10	130
			Benzo(a)pyrene-d12	40	24.99	62		10	140
P3171-12DL	DCVX5DL	BM047030.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	34.28	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.98	100		10	150
			2-Chlorophenol-d4	40	34.04	85		15	120
			4-Methylphenol-d8	40	32.92	82		10	140
			Nitrobenzene-d5	40	33.98	85		10	135
			2-Nitrophenol-d4	40	30.50	76		10	120
			2,4-Dichlorophenol-d3	40	30.92	77		10	140
			4-Chloroaniline-d4	40	34.06	85		1	145
			Dimethylphthalate-d6	40	38.44	96		10	145
			Acenaphthylene-d8	40	36.86	92		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	39.08	98		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	38.52	96		10	150
			Pyrene-d10	40	40.14	100		10	130
			Benzo(a)pyrene-d12	40	37.02	93		10	140
PB162449BL	PB162449BL	BM047028.D	Pyridine-d5	40	30.55	76		20	120
			1,4-Dioxane-d8	8	5.67	71		15	120
			Phenol-d5	40	32.39	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.56	81		10	150
			2-Chlorophenol-d4	40	30.17	75		15	120
			4-Methylphenol-d8	40	31.88	80		10	140
			Nitrobenzene-d5	40	31.07	78		10	135
			2-Nitrophenol-d4	40	31.16	78		10	120
			2,4-Dichlorophenol-d3	40	29.19	73		10	140
			4-Chloroaniline-d4	40	30.57	76		1	145
			Dimethylphthalate-d6	40	30.25	76		10	145
			Acenaphthylene-d8	40	30.92	77		15	120
			4-Nitrophenol-d4	40	25.84	65		10	150

Surrogate Summary

SW-846

SDG No.: **BM080624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162449BL	PB162449BL	BM047028.D	Fluorene-d10	40	29.46	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.48	61		10	130
			Anthracene-d10	40	30.73	77		10	150
			Pyrene-d10	40	33.28	83		10	130
			Benzo(a)pyrene-d12	40	31.34	78		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM080624

Lab Code: CHEM

SAS No.: BM080624

SDG NO.: BM080624

Lab File ID: BM047026.D

DFTPP Injection Date: 08/06/2024

Instrument ID: BNA_M

DFTPP Injection Time: 17:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.7
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	41.8
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	48.2
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	64.1
443	15.0 - 24.0% of mass 442	12.3 (19.1) 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
SSTD020131	SSTDCCC020	BM047027.D	08/06/2024	17:50
SBLK449	PB162449BL	BM047028.D	08/06/2024	18:32
DCVX0DL	P3171-08DL	BM047029.D	08/06/2024	19:13
DCVX5DL	P3171-12DL	BM047030.D	08/06/2024	19:54
F7E13DL	P3329-08DL	BM047031.D	08/06/2024	20:35
E20L4	P3328-11	BM047032.D	08/06/2024	21:16
E20L7	P3328-14	BM047033.D	08/06/2024	21:57
E20M2	P3328-17	BM047034.D	08/06/2024	22:38
E20L8	P3328-15	BM047035.D	08/06/2024	23:19
E20L5	P3328-12	BM047036.D	08/06/2024	23:59
E20M3	P3328-18	BM047037.D	08/07/2024	00:40
E20N1	P3328-20	BM047038.D	08/07/2024	01:20
SLCS275	PB162275BS	BM047039.D	08/07/2024	02:00
SSTD020132	SSTDCCC020	BM047040.D	08/07/2024	03:21
SBLK275	PB162275BL	BM047041.D	08/07/2024	04:01
SBLK282	PB162282BL	BM047042.D	08/07/2024	04:42
E20N1MS	P3328-21MS	BM047043.D	08/07/2024	05:22
E20N1MSD	P3328-22MSD	BM047044.D	08/07/2024	06:02

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM080624

Lab Code: CHEM

SAS No.: BM080624

SDG NO.: BM080624

Lab File ID: BM047026.D

DFTPP Injection Date: 08/06/2024

Instrument ID: BNA_M

DFTPP Injection Time: 17:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.7
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	41.8
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	48.2
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	64.1
443	15.0 - 24.0% of mass 442	12.3 (19.1) 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
E20N2	P3328-23	BM047045.D	08/07/2024	06:42
E20M4	P3328-19	BM047046.D	08/07/2024	07:22
F7E44	P3336-16	BM047047.D	08/07/2024	08:02