

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081524 SAS No.: BN081524 SDG No.: BN081524

Instrument ID: BNA_N Calibration Date/Time: 8/15/2024 1:10:23

Lab File ID: BN033393.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020310 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.514	0.451	0.010	-12.3466	40.0
Benzaldehyde	0.953	1.096	0.010	15.0043	40.0
Pyridine	1.529	1.345	0.010	-12.0426	40.0
Phenol	1.928	1.842	0.080	-4.4658	20.0
Bis(2-Chloroethyl)ether	1.535	1.451	0.100	-5.4509	20.0
2-Chlorophenol	1.443	1.427	0.200	-1.0723	20.0
2-Methylphenol	1.458	1.406	0.010	-3.5672	20.0
2,2-oxybis(1-Chloropropane)	2.492	2.291	0.010	-8.0659	40.0
Acetophenone	2.464	2.265	0.060	-8.0752	20.0
4-Methylphenol	1.632	1.547	0.010	-5.2037	20.0
N-Nitroso-di-n-propylamine	1.259	1.147	0.050	-8.8739	30.0
Hexachloroethane	0.603	0.591	0.100	-1.8888	20.0
Nitrobenzene	0.383	0.371	0.050	-3.025	25.0
Isophorone	0.777	0.705	0.050	-9.1956	25.0
2-Nitrophenol	0.156	0.171	0.050	9.4096	25.0
2,4-Dimethylphenol	0.370	0.351	0.050	-5.2261	25.0
Bis(2-Chloroethoxy)methane	0.481	0.444	0.050	-7.6804	20.0
2,4-Dichlorophenol	0.309	0.310	0.060	0.4352	20.0
Naphthalene	1.115	1.035	0.200	-7.1452	20.0
4-Chloroaniline	0.487	0.443	0.010	-8.87	40.0
Hexachlorobutadiene	0.193	0.190	0.040	-1.7115	30.0
Caprolactam	0.123	0.109	0.010	-11.541	40.0
4-Chloro-3-methylphenol	0.355	0.351	0.040	-1.145	25.0
1-Methylnaphthalene	0.793	0.740	0.100	-6.6985	20.0
2-Methylnaphthalene	0.785	0.730	0.100	-6.9217	20.0
Hexachlorocyclopentadiene	0.317	0.287	0.010	-9.5339	40.0
2,4,6-Trichlorophenol	0.351	0.374	0.090	6.522	25.0
2,4,5-Trichlorophenol	0.396	0.407	0.100	2.7615	25.0
1,1-Biphenyl	1.508	1.434	0.200	-4.9195	20.0
2-Chloronaphthalene	1.169	1.126	0.300	-3.7167	20.0
2-Nitroaniline	0.336	0.347	0.050	3.1621	40.0
Dimethylphthalate	1.528	1.391	0.300	-8.9698	20.0
2,6-Dinitrotoluene	0.278	0.282	0.080	1.4651	30.0
Acenaphthylene	1.861	1.777	0.400	-4.5369	20.0
3-Nitroaniline	0.314	0.322	0.010	2.4385	40.0
Acenaphthene	1.315	1.231	0.200	-6.3895	20.0
2,4-Dinitrophenol	0.137	0.126	0.010	-7.8261	40.0
4-Nitrophenol	0.230	0.217	0.010	-5.9944	40.0
Dibenzofuran	1.836	1.698	0.300	-7.5348	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081524 SAS No.: BN081524 SDG No.: BN081524

Instrument ID: BNA_N Calibration Date/Time: 8/15/2024 1:10:23

Lab File ID: BN033393.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020310 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.417	0.424	0.070	1.5418	30.0
Diethylphthalate	1.594	1.457	0.300	-8.5903	20.0
Fluorene	1.511	1.381	0.200	-8.6312	20.0
4-Chlorophenyl-phenylether	0.725	0.653	0.100	-9.9408	20.0
4-Nitroaniline	0.324	0.325	0.010	0.3079	40.0
4,6-Dinitro-2-methylphenol	0.106	0.103	0.010	-2.9755	40.0
N-Nitrosodiphenylamine	0.601	0.585	0.050	-2.8103	20.0
1,2,4,5-Tetrachlorobenzene	0.573	0.566	0.100	-1.2352	20.0
4-Bromophenyl-phenylether	0.204	0.203	0.070	-0.7527	20.0
Hexachlorobenzene	0.234	0.226	0.050	-3.1832	25.0
Atrazine	0.224	0.214	0.010	-4.2226	25.0
Pentachlorophenol	0.147	0.147	0.010	0.0919	40.0
Phenanthrene	1.118	1.055	0.200	-5.6191	20.0
Pentachlorobenzene	0.278	0.275	0.050	-0.9788	20.0
Anthracene	1.139	1.085	0.200	-4.7575	20.0
1,2,3,4-Tetrachlorobenzene	0.270	0.276	0.050	2.5167	20.0
Carbazole	1.050	0.998	0.050	-4.9746	40.0
Di-n-butylphthalate	1.312	1.265	0.500	-3.5617	25.0
Fluoranthene	1.291	1.316	0.400	1.9293	25.0
Pyrene	1.400	1.423	0.400	1.6892	25.0
Butylbenzylphthalate	0.561	0.617	0.100	10.0597	40.0
3,3-Dichlorobenzidine	0.456	0.446	0.010	-2.1488	40.0
Benzo (a) anthracene	1.439	1.383	0.300	-3.9303	30.0
Chrysene	1.353	1.280	0.200	-5.4225	30.0
Bis(2-ethylhexyl)phthalate	0.910	0.961	0.200	5.6686	40.0
Di-n-octyl phthalate	1.288	1.680	0.010	30.3851	40.0
Benzo (b) fluoranthene	1.243	1.270	0.200	2.1813	25.0
Benzo (k) fluoranthene	1.234	1.256	0.200	1.7548	25.0
Benzo (a) pyrene	1.178	1.150	0.200	-2.4294	20.0
Indeno (1,2,3-cd) pyrene	1.462	1.224	0.200	-16.3313	25.0
Dibenzo (a,h) anthracene	1.198	0.997	0.200	-16.7848	30.0
Benzo (g,h,i) perylene	1.124	0.912	0.200	-18.8688	30.0
2,3,4,6-Tetrachlorophenol	0.322	0.329	0.040	2.3496	20.0
1,4-Dioxane-d8	0.490	0.420	0.010	-14.2729	25.0
Pyridine-d5	1.488	1.336	0.010	-10.1883	40.0
Phenol-d5	1.834	1.735	0.010	-5.4293	25.0
Bis- (2-Chloroethyl) ether-d8	1.176	1.116	0.050	-5.0866	25.0
2-Chlorophenol-d4	1.383	1.410	0.200	1.9481	20.0
4-Methylphenol-d8	1.517	1.450	0.010	-4.4016	20.0

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Lab Code: CHEM Case No.: BN081524 SAS No.: BN081524 SDG No.: BN081524

Instrument ID: BNA_N Calibration Date/Time: 8/15/2024 1:10:23

Lab File ID: BN033393.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020310 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.154	0.050	0.8776	20.0
2-Nitrophenol-d4	0.134	0.151	0.050	12.5822	30.0
2,4-Dichlorophenol-d3	0.298	0.312	0.060	4.7142	20.0
4-Chloroaniline-d4	0.497	0.451	0.010	-9.2955	40.0
Dimethylphthalate-d6	1.522	1.399	0.300	-8.055	20.0
Acenaphthylene-d8	1.704	1.645	0.400	-3.4405	20.0
4-Nitrophenol-d4	0.294	0.280	0.010	-4.8472	40.0
Fluorene-d10	1.305	1.207	0.100	-7.5347	20.0
4,6-Dinitro-2-methylphenol-d2	0.094	0.092	0.010	-2.1142	40.0
Anthracene-d10	0.948	0.908	0.300	-4.2945	20.0
Pyrene-d10	1.104	1.115	0.300	0.9539	25.0
Benzo(a)pyrene-d12	1.040	1.018	0.010	-2.0695	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.: BN081524 SAS No.: BN081524 SDG No.: BN081524

Instrument ID: BNA_N Calibration Date/Time: 8/15/2024 1:19:34

Lab File ID: BN033406.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020311 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.514	0.430	0.010	-16.4852	40.0
Benzaldehyde	0.953	1.037	0.010	8.7572	40.0
Pyridine	1.529	1.259	0.010	-17.65	40.0
Phenol	1.928	1.711	0.080	-11.2155	20.0
Bis(2-Chloroethyl)ether	1.535	1.376	0.100	-10.3577	20.0
2-Chlorophenol	1.443	1.389	0.200	-3.733	20.0
2-Methylphenol	1.458	1.304	0.010	-10.6007	20.0
2,2-oxybis(1-Chloropropane)	2.492	2.111	0.010	-15.2605	40.0
Acetophenone	2.464	2.093	0.060	-15.0379	20.0
4-Methylphenol	1.632	1.425	0.010	-12.7153	20.0
N-Nitroso-di-n-propylamine	1.259	1.035	0.050	-17.7803	30.0
Hexachloroethane	0.603	0.580	0.100	-3.8724	20.0
Nitrobenzene	0.383	0.369	0.050	-3.5178	25.0
Isophorone	0.777	0.689	0.050	-11.3467	25.0
2-Nitrophenol	0.156	0.180	0.050	14.8608	25.0
2,4-Dimethylphenol	0.370	0.337	0.050	-9.0564	25.0
Bis(2-Chloroethoxy)methane	0.481	0.436	0.050	-9.2694	20.0
2,4-Dichlorophenol	0.309	0.305	0.060	-1.1575	20.0
Naphthalene	1.115	1.035	0.200	-7.189	20.0
4-Chloroaniline	0.487	0.418	0.010	-14.028	40.0
Hexachlorobutadiene	0.193	0.195	0.040	1.2773	30.0
Caprolactam	0.123	0.102	0.010	-16.8566	40.0
4-Chloro-3-methylphenol	0.355	0.332	0.040	-6.4437	25.0
1-Methylnaphthalene	0.793	0.706	0.100	-10.9518	20.0
2-Methylnaphthalene	0.785	0.706	0.100	-10.022	20.0
Hexachlorocyclopentadiene	0.317	0.308	0.010	-2.8998	40.0
2,4,6-Trichlorophenol	0.351	0.383	0.090	8.9048	25.0
2,4,5-Trichlorophenol	0.396	0.413	0.100	4.4998	25.0
1,1-Biphenyl	1.508	1.425	0.200	-5.5451	20.0
2-Chloronaphthalene	1.169	1.112	0.300	-4.8934	20.0
2-Nitroaniline	0.336	0.344	0.050	2.5291	40.0
Dimethylphthalate	1.528	1.372	0.300	-10.1889	20.0
2,6-Dinitrotoluene	0.278	0.293	0.080	5.3564	30.0
Acenaphthylene	1.861	1.726	0.400	-7.2633	20.0
3-Nitroaniline	0.314	0.317	0.010	0.7765	40.0
Acenaphthene	1.315	1.220	0.200	-7.2245	20.0
2,4-Dinitrophenol	0.137	0.136	0.010	-0.6003	40.0
4-Nitrophenol	0.230	0.203	0.010	-11.8346	40.0
Dibenzofuran	1.836	1.660	0.300	-9.5704	20.0

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Lab Code: CHEM Case No.: BN081524 SAS No.: BN081524 SDG No.: BN081524

Instrument ID: BNA_N Calibration Date/Time: 8/15/2024 1:19:34

Lab File ID: BN033406.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020311 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.417	0.414	0.070	-0.7954	30.0
Diethylphthalate	1.594	1.424	0.300	-10.6891	20.0
Fluorene	1.511	1.322	0.200	-12.5369	20.0
4-Chlorophenyl-phenylether	0.725	0.640	0.100	-11.6894	20.0
4-Nitroaniline	0.324	0.300	0.010	-7.4056	40.0
4,6-Dinitro-2-methylphenol	0.106	0.111	0.010	4.0336	40.0
N-Nitrosodiphenylamine	0.601	0.579	0.050	-3.7768	20.0
1,2,4,5-Tetrachlorobenzene	0.573	0.576	0.100	0.5854	20.0
4-Bromophenyl-phenylether	0.204	0.202	0.070	-0.8107	20.0
Hexachlorobenzene	0.234	0.223	0.050	-4.5865	25.0
Atrazine	0.224	0.212	0.010	-5.2705	25.0
Pentachlorophenol	0.147	0.151	0.010	2.5144	40.0
Phenanthrene	1.118	1.013	0.200	-9.4259	20.0
Pentachlorobenzene	0.278	0.281	0.050	1.4391	20.0
Anthracene	1.139	1.033	0.200	-9.3022	20.0
1,2,3,4-Tetrachlorobenzene	0.270	0.292	0.050	8.1436	20.0
Carbazole	1.050	0.907	0.050	-13.6624	40.0
Di-n-butylphthalate	1.312	1.240	0.500	-5.4546	25.0
Fluoranthene	1.291	1.610	0.400	24.6924	25.0
Pyrene	1.400	1.622	0.400	15.9139	25.0
Butylbenzylphthalate	0.561	0.715	0.100	27.5549	40.0
3,3-Dichlorobenzidine	0.456	0.432	0.010	-5.2387	40.0
Benzo (a) anthracene	1.439	1.359	0.300	-5.5845	30.0
Chrysene	1.353	1.266	0.200	-6.4402	30.0
Bis(2-ethylhexyl)phthalate	0.910	1.151	0.200	26.491	40.0
Di-n-octyl phthalate	1.288	1.641	0.010	27.3678	40.0
Benzo (b) fluoranthene	1.243	1.171	0.200	-5.852	25.0
Benzo (k) fluoranthene	1.234	1.157	0.200	-6.2663	25.0
Benzo (a) pyrene	1.178	1.090	0.200	-7.5035	20.0
Indeno (1,2,3-cd) pyrene	1.462	1.332	0.200	-8.9441	25.0
Dibenzo (a,h) anthracene	1.198	1.077	0.200	-10.0607	30.0
Benzo (g,h,i) perylene	1.124	1.037	0.200	-7.6893	30.0
2,3,4,6-Tetrachlorophenol	0.322	0.331	0.040	2.9169	20.0
1,4-Dioxane-d8	0.490	0.405	0.010	-17.4639	25.0
Pyridine-d5	1.488	1.245	0.010	-16.3322	40.0
Phenol-d5	1.834	1.648	0.010	-10.1647	25.0
Bis- (2-Chloroethyl) ether-d8	1.176	1.047	0.050	-10.9724	25.0
2-Chlorophenol-d4	1.383	1.364	0.200	-1.3785	20.0
4-Methylphenol-d8	1.517	1.335	0.010	-11.9978	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081524 SAS No.: BN081524 SDG No.: BN081524

Instrument ID: BNA_N Calibration Date/Time: 8/15/2024 1:19:34

Lab File ID: BN033406.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020311 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.157	0.050	3.2089	20.0
2-Nitrophenol-d4	0.134	0.163	0.050	21.4528	30.0
2,4-Dichlorophenol-d3	0.298	0.306	0.060	2.6728	20.0
4-Chloroaniline-d4	0.497	0.432	0.010	-13.1678	40.0
Dimethylphthalate-d6	1.522	1.357	0.300	-10.8554	20.0
Acenaphthylene-d8	1.704	1.631	0.400	-4.2899	20.0
4-Nitrophenol-d4	0.294	0.266	0.010	-9.6707	40.0
Fluorene-d10	1.305	1.167	0.100	-10.5891	20.0
4,6-Dinitro-2-methylphenol-d2	0.094	0.101	0.010	6.7224	40.0
Anthracene-d10	0.948	0.872	0.300	-8.0142	20.0
Pyrene-d10	1.104	1.324	0.300	19.9227	25.0
Benzo(a)pyrene-d12	1.040	0.997	0.010	-4.0866	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081524 SAS No.: BN081524 SDG No.: BN081524

Instrument ID: BNA_N Calibration Date/Time: 8/16/2024 1:00:09

Lab File ID: BN033413.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020312 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.514	0.427	0.010	-16.9247	50.0
Benzaldehyde	0.953	1.111	0.010	16.5563	50.0
Pyridine	1.529	1.324	0.010	-13.4018	50.0
Phenol	1.928	1.916	0.080	-0.6006	50.0
Bis(2-Chloroethyl)ether	1.535	1.479	0.100	-3.6199	50.0
2-Chlorophenol	1.443	1.525	0.200	5.6715	50.0
2-Methylphenol	1.458	1.461	0.010	0.1578	50.0
2,2-oxybis(1-Chloropropane)	2.492	2.225	0.010	-10.7061	50.0
Acetophenone	2.464	2.321	0.060	-5.7767	50.0
4-Methylphenol	1.632	1.604	0.010	-1.7604	50.0
N-Nitroso-di-n-propylamine	1.259	1.149	0.050	-8.756	50.0
Hexachloroethane	0.603	0.604	0.100	0.1915	50.0
Nitrobenzene	0.383	0.389	0.050	1.7089	50.0
Isophorone	0.777	0.724	0.050	-6.7847	50.0
2-Nitrophenol	0.156	0.197	0.050	25.7193	50.0
2,4-Dimethylphenol	0.370	0.369	0.050	-0.2842	50.0
Bis(2-Chloroethoxy)methane	0.481	0.456	0.050	-5.2085	50.0
2,4-Dichlorophenol	0.309	0.326	0.060	5.6329	50.0
Naphthalene	1.115	1.090	0.200	-2.2793	50.0
4-Chloroaniline	0.487	0.458	0.010	-5.8993	50.0
Hexachlorobutadiene	0.193	0.204	0.040	5.6173	50.0
Caprolactam	0.123	0.115	0.010	-6.6042	50.0
4-Chloro-3-methylphenol	0.355	0.366	0.040	3.221	50.0
1-Methylnaphthalene	0.793	0.761	0.100	-4.0418	50.0
2-Methylnaphthalene	0.785	0.760	0.100	-3.1513	50.0
Hexachlorocyclopentadiene	0.317	0.236	0.010	-25.6557	50.0
2,4,6-Trichlorophenol	0.351	0.411	0.090	16.892	50.0
2,4,5-Trichlorophenol	0.396	0.443	0.100	11.939	50.0
1,1-Biphenyl	1.508	1.518	0.200	0.6635	50.0
2-Chloronaphthalene	1.169	1.188	0.300	1.5926	50.0
2-Nitroaniline	0.336	0.378	0.050	12.4191	50.0
Dimethylphthalate	1.528	1.469	0.300	-3.8565	50.0
2,6-Dinitrotoluene	0.278	0.319	0.080	14.9707	50.0
Acenaphthylene	1.861	1.866	0.400	0.2443	50.0
3-Nitroaniline	0.314	0.354	0.010	12.5859	50.0
Acenaphthene	1.315	1.287	0.200	-2.1247	50.0
2,4-Dinitrophenol	0.137	0.168	0.010	22.5288	50.0
4-Nitrophenol	0.230	0.227	0.010	-1.4898	50.0
Dibenzofuran	1.836	1.786	0.300	-2.7507	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081524 SAS No.: BN081524 SDG No.: BN081524

Instrument ID: BNA_N Calibration Date/Time: 8/16/2024 1:00:09

Lab File ID: BN033413.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020312 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.417	0.461	0.070	10.3815	50.0
Diethylphthalate	1.594	1.517	0.300	-4.8322	50.0
Fluorene	1.511	1.429	0.200	-5.4406	50.0
4-Chlorophenyl-phenylether	0.725	0.695	0.100	-4.1603	50.0
4-Nitroaniline	0.324	0.348	0.010	7.4042	50.0
4,6-Dinitro-2-methylphenol	0.106	0.126	0.010	18.4351	50.0
N-Nitrosodiphenylamine	0.601	0.595	0.050	-1.0561	50.0
1,2,4,5-Tetrachlorobenzene	0.573	0.609	0.100	6.2689	50.0
4-Bromophenyl-phenylether	0.204	0.211	0.070	3.2218	50.0
Hexachlorobenzene	0.234	0.238	0.050	1.8084	50.0
Atrazine	0.224	0.222	0.010	-0.8865	50.0
Pentachlorophenol	0.147	0.168	0.010	14.0457	50.0
Phenanthrene	1.118	1.055	0.200	-5.6229	50.0
Pentachlorobenzene	0.278	0.283	0.050	2.1223	50.0
Anthracene	1.139	1.102	0.200	-3.2846	50.0
1,2,3,4-Tetrachlorobenzene	0.270	0.294	0.050	9.1793	50.0
Carbazole	1.050	0.982	0.050	-6.5321	50.0
Di-n-butylphthalate	1.312	1.301	0.500	-0.861	50.0
Fluoranthene	1.291	1.701	0.400	31.6927	50.0
Pyrene	1.400	1.729	0.400	23.5391	50.0
Butylbenzylphthalate	0.561	0.788	0.100	40.4388	50.0
3,3-Dichlorobenzidine	0.456	0.446	0.010	-2.1043	50.0
Benzo (a) anthracene	1.439	1.439	0.300	-0.0161	50.0
Chrysene	1.353	1.348	0.200	-0.4054	50.0
Bis(2-ethylhexyl)phthalate	0.910	1.221	0.200	34.175	50.0
Di-n-octyl phthalate	1.288	1.891	0.010	46.801	50.0
Benzo (b) fluoranthene	1.243	1.246	0.200	0.2476	50.0
Benzo (k) fluoranthene	1.234	1.232	0.200	-0.217	50.0
Benzo (a) pyrene	1.178	1.153	0.200	-2.109	50.0
Indeno (1,2,3-cd) pyrene	1.462	1.404	0.200	-4.0214	50.0
Dibenzo (a,h) anthracene	1.198	1.145	0.200	-4.4183	50.0
Benzo (g,h,i) perylene	1.124	1.069	0.200	-4.8584	50.0
2,3,4,6-Tetrachlorophenol	0.322	0.379	0.040	17.8488	50.0
1,4-Dioxane-d8	0.490	0.406	0.010	-17.1687	50.0
Pyridine-d5	1.488	1.307	0.010	-12.1356	50.0
Phenol-d5	1.834	1.849	0.010	0.7723	50.0
Bis- (2-Chloroethyl) ether-d8	1.176	1.104	0.050	-6.1774	50.0
2-Chlorophenol-d4	1.383	1.495	0.200	8.1405	50.0
4-Methylphenol-d8	1.517	1.531	0.010	0.9322	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081524 SAS No.: BN081524 SDG No.: BN081524

Instrument ID: BNA_N Calibration Date/Time: 8/16/2024 1:00:09

Lab File ID: BN033413.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020312 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.167	0.050	9.9584	50.0
2-Nitrophenol-d4	0.134	0.183	0.050	36.5732	50.0
2,4-Dichlorophenol-d3	0.298	0.335	0.060	12.1191	50.0
4-Chloroaniline-d4	0.497	0.475	0.010	-4.5067	50.0
Dimethylphthalate-d6	1.522	1.455	0.300	-4.3952	50.0
Acenaphthylene-d8	1.704	1.745	0.400	2.4159	50.0
4-Nitrophenol-d4	0.294	0.301	0.010	2.4783	50.0
Fluorene-d10	1.305	1.254	0.100	-3.9654	50.0
4,6-Dinitro-2-methylphenol-d2	0.094	0.114	0.010	21.2068	50.0
Anthracene-d10	0.948	0.914	0.300	-3.6313	50.0
Pyrene-d10	1.104	1.417	0.300	28.2649	50.0
Benzo(a)pyrene-d12	1.040	1.040	0.010	0.0402	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK649	SDG No.:	BN081524
Lab Sample ID:	PB162649BL	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
BN033394.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

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

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK649	SDG No.:	BN081524
Lab Sample ID:	PB162649BL	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
BN033394.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

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

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK649	SDG No.:	BN081524
Lab Sample ID:	PB162649BL	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
BN033394.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.5		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	21.349		20-120		53	SPK: -40
4165-62-2	Phenol-d5	23.791		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.554		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.614		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	23.575		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.822		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.737		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.946		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.594		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.253		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.603		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.102		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	23.987		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK649	SDG No.:	BN081524
Lab Sample ID:	PB162649BL	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
BN033394.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.073		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	25.198		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	26.382		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.032		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	382134	7.569				
1146-65-2	Naphthalene-d8	1732249	10.334				
15067-26-2	Acenaphthene-d10	1130333	14.21				
1517-22-2	Phenanthrene-d10	2378067	16.957				
1719-03-5	Chrysene-d12	2222735	21.192				
1520-96-3	Perylene-d12	2140516	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	74	J			19.422	
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE2	SDG No.:	BN081524
Lab Sample ID:	P3481-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.1
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
BN033395.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26	U	26	14.3	140	ug/Kg
100-52-7	Benzaldehyde	100	U	100	180	720	ug/Kg
110-86-1	Pyridine	26	U	26	360	720	ug/Kg
108-95-2	Phenol	98	U	98	180	720	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	76	U	76	180	720	ug/Kg
95-57-8	2-Chlorophenol	48	U	48	92.3	370	ug/Kg
95-48-7	2-Methylphenol	85	U	85	180	720	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	180	720	ug/Kg
98-86-2	Acetophenone	130	U	130	180	720	ug/Kg
106-44-5	4-Methylphenol	89	U	89	180	720	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	80	U	80	92.3	370	ug/Kg
67-72-1	Hexachloroethane	35	U	35	92.3	370	ug/Kg
98-95-3	Nitrobenzene	59	U	59	92.3	370	ug/Kg
78-59-1	Isophorone	78	U	78	92.3	370	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	92.3	370	ug/Kg
105-67-9	2,4-Dimethylphenol	18	U	18	92.3	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	67	U	67	92.3	370	ug/Kg
120-83-2	2,4-Dichlorophenol	74	U	74	92.3	370	ug/Kg
91-20-3	Naphthalene	72	U	72	92.3	370	ug/Kg
106-47-8	4-Chloroaniline	96	U	96	92.3	720	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	92.3	370	ug/Kg
105-60-2	Caprolactam	87	U	87	180	720	ug/Kg
59-50-7	4-Chloro-3-methylphenol	78	U	78	92.3	370	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	92.3	370	ug/Kg
91-57-6	2-Methylnaphthalene	80	U	80	92.3	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	41	U	41	180	720	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	92.3	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	92.3	370	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE2	SDG No.:	BN081524
Lab Sample ID:	P3481-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.1
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
BN033395.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	100	U	100	92.3	370	ug/Kg
91-58-7	2-Chloronaphthalene	96	U	96	92.3	370	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	92.3	370	ug/Kg
131-11-3	Dimethylphthalate	83	U	83	92.3	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	92.3	370	ug/Kg
208-96-8	Acenaphthylene	100	U	100	92.3	370	ug/Kg
99-09-2	3-Nitroaniline	30	U	30	180	720	ug/Kg
83-32-9	Acenaphthene	110	U	110	92.3	370	ug/Kg
51-28-5	2,4-Dinitrophenol	69	U	69	180	720	ug/Kg
100-02-7	4-Nitrophenol	24	U	24	180	720	ug/Kg
132-64-9	Dibenzofuran	87	U	87	92.3	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	28	U	28	92.3	370	ug/Kg
84-66-2	Diethylphthalate	89	U	89	92.3	370	ug/Kg
86-73-7	Fluorene	130	U	130	92.3	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	92.3	370	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	180	720	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	180	720	ug/Kg
86-30-6	N-Nitrosodiphenylamine	98	U	98	92.3	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98	U	98	92.3	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	210	U	210	92.3	370	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	92.3	370	ug/Kg
1912-24-9	Atrazine	24	U	24	180	720	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	180	720	ug/Kg
85-01-8	Phenanthrene	120	U	120	92.3	370	ug/Kg
608-93-5	Pentachlorobenzene	78	U	78	92.3	370	ug/Kg
120-12-7	Anthracene	100	U	100	92.3	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	12	U	12	92.3	370	ug/Kg
86-74-8	Carbazole	130	U	130	180	720	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	92.3	370	ug/Kg
206-44-0	Fluoranthene	98	U	98	180	370	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE2	SDG No.:	BN081524
Lab Sample ID:	P3481-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.1
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
BN033395.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	100	U	100	92.3	370	ug/Kg
85-68-7	Butylbenzylphthalate	93	U	93	92.3	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	180	720	ug/Kg
56-55-3	Benzo(a)anthracene	85	U	85	92.3	370	ug/Kg
218-01-9	Chrysene	100	U	100	92.3	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	93	U	93	92.3	370	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	180	720	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	92.3	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	92.3	370	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	92.3	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98	U	98	92.3	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	92.3	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	92.3	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	92.3	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.28		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	14.816		20-120		37	SPK: -40
4165-62-2	Phenol-d5	26.84		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.102		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.109		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.432		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	28.152		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.154		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.314		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.677		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.41		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.842		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.443		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	28.332		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE2	SDG No.:	BN081524
Lab Sample ID:	P3481-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.1
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
BN033395.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.249		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	29.799		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	32.91		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.813		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	417324	7.569				
1146-65-2	Naphthalene-d8	1877239	10.334				
15067-26-2	Acenaphthene-d10	1209158	14.21				
1517-22-2	Phenanthrene-d10	2544937	16.957				
1719-03-5	Chrysene-d12	2291802	21.192				
1520-96-3	Perylene-d12	2265555	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	180	J			3.411	
000770-35-4	1-Phenoxypropan-2-ol	330	J			11.081	
000057-10-3	n-Hexadecanoic acid	200	J			17.892	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	150	J			19.416	
077899-03-7	1-Heneicosyl formate	180	J			20.922	
E966796	Total Alkanes	100	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE3	SDG No.:	BN081524
Lab Sample ID:	P3481-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033396.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	16.4	170	ug/Kg
100-52-7	Benzaldehyde	120	U	120	200	820	ug/Kg
110-86-1	Pyridine	30	U	30	410	820	ug/Kg
108-95-2	Phenol	110	U	110	200	820	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	87	U	87	200	820	ug/Kg
95-57-8	2-Chlorophenol	55	U	55	110	420	ug/Kg
95-48-7	2-Methylphenol	97	U	97	200	820	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	200	820	ug/Kg
98-86-2	Acetophenone	150	U	150	200	820	ug/Kg
106-44-5	4-Methylphenol	100	U	100	200	820	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	110	420	ug/Kg
67-72-1	Hexachloroethane	40	U	40	110	420	ug/Kg
98-95-3	Nitrobenzene	67	U	67	110	420	ug/Kg
78-59-1	Isophorone	89	U	89	110	420	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	110	420	ug/Kg
105-67-9	2,4-Dimethylphenol	21	U	21	110	420	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	77	U	77	110	420	ug/Kg
120-83-2	2,4-Dichlorophenol	84	U	84	110	420	ug/Kg
91-20-3	Naphthalene	82	U	82	110	420	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	110	820	ug/Kg
87-68-3	Hexachlorobutadiene	64	U	64	110	420	ug/Kg
105-60-2	Caprolactam	99	U	99	200	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89	U	89	110	420	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	110	420	ug/Kg
91-57-6	2-Methylnaphthalene	92	U	92	110	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	47	U	47	200	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	110	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	110	420	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE3	SDG No.:	BN081524
Lab Sample ID:	P3481-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033396.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	U	110	110	420	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	110	420	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	110	420	ug/Kg
131-11-3	Dimethylphthalate	94	U	94	110	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	64	U	64	110	420	ug/Kg
208-96-8	Acenaphthylene	110	U	110	110	420	ug/Kg
99-09-2	3-Nitroaniline	35	U	35	200	820	ug/Kg
83-32-9	Acenaphthene	120	U	120	110	420	ug/Kg
51-28-5	2,4-Dinitrophenol	79	U	79	200	820	ug/Kg
100-02-7	4-Nitrophenol	27	U	27	200	820	ug/Kg
132-64-9	Dibenzofuran	99	U	99	110	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	110	420	ug/Kg
84-66-2	Diethylphthalate	100	U	100	110	420	ug/Kg
86-73-7	Fluorene	140	U	140	110	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	110	420	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	200	820	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97	U	97	200	820	ug/Kg
86-30-6	N-Nitrosodiphenylamine	110	U	110	110	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	110	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	110	420	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	110	420	ug/Kg
1912-24-9	Atrazine	27	U	27	200	820	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	200	820	ug/Kg
85-01-8	Phenanthrene	130	U	130	110	420	ug/Kg
608-93-5	Pentachlorobenzene	89	U	89	110	420	ug/Kg
120-12-7	Anthracene	120	U	120	110	420	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	14	U	14	110	420	ug/Kg
86-74-8	Carbazole	150	U	150	200	820	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	110	420	ug/Kg
206-44-0	Fluoranthene	110	U	110	200	420	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE3	SDG No.:	BN081524
Lab Sample ID:	P3481-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.8
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
BN033396.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	U	110	110	420	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	110	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	200	820	ug/Kg
56-55-3	Benzo(a)anthracene	97	U	97	110	420	ug/Kg
218-01-9	Chrysene	110	U	110	110	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	110	420	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	200	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	U	120	110	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	110	420	ug/Kg
50-32-8	Benzo(a)pyrene	140	U	140	110	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	110	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	110	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	110	420	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.682		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	5.68	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	9.581		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.621		10-150		24	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.086		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	9.689		10-140		24	SPK: -40
4165-60-0	Nitrobenzene-d5	9.563		10-135		24	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.059		10-120		25	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.941		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.878		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.535		10-145		24	SPK: -40
93951-97-4	Acenaphthylene-d8	9.671		15-120		24	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.303		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	9.708		20-140		24	SPK: -40

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	E0AE3	SDG No.:	BN081524
Lab Sample ID:	P3481-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033396.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.09		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	10.201		10-150		26	SPK: -40
1718-52-1	Pyrene-d10	11.156		10-130		28	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.13		10-140		25	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	364504	7.569				
1146-65-2	Naphthalene-d8	1676216	10.334				
15067-26-2	Acenaphthene-d10	1111569	14.21				
1517-22-2	Phenanthrene-d10	2305589	16.957				
1719-03-5	Chrysene-d12	2056500	21.192				
1520-96-3	Perylene-d12	1876973	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	190	J			19.422	
E966796	Total Alkanes	110	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	E0AD7	SDG No.:	BN081524
Lab Sample ID:	P3481-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033397.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	9.3	94	ug/Kg
100-52-7	Benzaldehyde	67	U	67	120	460	ug/Kg
110-86-1	Pyridine	17	U	17	230	460	ug/Kg
108-95-2	Phenol	63	U	63	120	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	120	460	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	59.6	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41	U	41	120	460	ug/Kg
98-86-2	Acetophenone	83	U	83	120	460	ug/Kg
106-44-5	4-Methylphenol	58	U	58	120	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	52	U	52	59.6	240	ug/Kg
67-72-1	Hexachloroethane	22	U	22	59.6	240	ug/Kg
98-95-3	Nitrobenzene	38	U	38	59.6	240	ug/Kg
78-59-1	Isophorone	50	U	50	59.6	240	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	59.6	240	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	12	59.6	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	59.6	240	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	59.6	240	ug/Kg
91-20-3	Naphthalene	46	U	46	59.6	240	ug/Kg
106-47-8	4-Chloroaniline	62	U	62	59.6	460	ug/Kg
87-68-3	Hexachlorobutadiene	36	U	36	59.6	240	ug/Kg
105-60-2	Caprolactam	56	U	56	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	59.6	240	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	59.6	240	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	59.6	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	27	U	27	120	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	70	U	70	59.6	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	69	U	69	59.6	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	E0AD7	SDG No.:	BN081524
Lab Sample ID:	P3481-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033397.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	65	U	65	59.6	240	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	62	59.6	240	ug/Kg
88-74-4	2-Nitroaniline	31	U	31	59.6	240	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	59.6	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	36	U	36	59.6	240	ug/Kg
208-96-8	Acenaphthylene	65	U	65	59.6	240	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	120	460	ug/Kg
83-32-9	Acenaphthene	70	U	70	59.6	240	ug/Kg
51-28-5	2,4-Dinitrophenol	45	U	45	120	460	ug/Kg
100-02-7	4-Nitrophenol	15	U	15	120	460	ug/Kg
132-64-9	Dibenzofuran	56	U	56	59.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	18	U	18	59.6	240	ug/Kg
84-66-2	Diethylphthalate	58	U	58	59.6	240	ug/Kg
86-73-7	Fluorene	81	U	81	59.6	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	67	U	67	59.6	240	ug/Kg
100-01-6	4-Nitroaniline	22	U	22	120	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	55	U	55	120	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	63	U	63	59.6	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	59.6	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	59.6	240	ug/Kg
118-74-1	Hexachlorobenzene	70	U	70	59.6	240	ug/Kg
1912-24-9	Atrazine	15	U	15	120	460	ug/Kg
87-86-5	Pentachlorophenol	53	U	53	120	460	ug/Kg
85-01-8	Phenanthrene	74	U	74	59.6	240	ug/Kg
608-93-5	Pentachlorobenzene	50	U	50	59.6	240	ug/Kg
120-12-7	Anthracene	66	U	66	59.6	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.9	U	7.9	59.6	240	ug/Kg
86-74-8	Carbazole	86	U	86	120	460	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	59.6	240	ug/Kg
206-44-0	Fluoranthene	63	U	63	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	E0AD7	SDG No.:	BN081524
Lab Sample ID:	P3481-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033397.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	65	U	65	59.6	240	ug/Kg
85-68-7	Butylbenzylphthalate	60	U	60	59.6	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	35	U	35	120	460	ug/Kg
56-55-3	Benzo(a)anthracene	55	U	55	59.6	240	ug/Kg
218-01-9	Chrysene	65	U	65	59.6	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60	U	60	59.6	240	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	67	U	67	59.6	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	81	U	81	59.6	240	ug/Kg
50-32-8	Benzo(a)pyrene	80	U	80	59.6	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	63	U	63	59.6	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	73	U	73	59.6	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	U	65	59.6	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	73	U	73	59.6	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.64		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	9.011		20-120		23	SPK: -40
4165-62-2	Phenol-d5	15.401		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.306		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.238		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.485		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	16.225		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.755		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.911		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.138		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.068		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	15.88		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.618		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	15.098		20-140		38	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	E0AD7	SDG No.:	BN081524
Lab Sample ID:	P3481-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033397.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.889		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	15.855		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	18.221		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.082		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	386762	7.569				
1146-65-2	Naphthalene-d8	1742039	10.334				
15067-26-2	Acenaphthene-d10	1130607	14.21				
1517-22-2	Phenanthrene-d10	2308999	16.957				
1719-03-5	Chrysene-d12	1945966	21.192				
1520-96-3	Perylene-d12	1747291	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.081	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	120	J			19.422	
	(DEL) Alkane: Straight-Chain	150	J			20.939	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE5	SDG No.:	BN081524
Lab Sample ID:	P3481-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.7
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
BN033398.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	16.3	160	ug/Kg
100-52-7	Benzaldehyde	120	U	120	200	820	ug/Kg
110-86-1	Pyridine	30	U	30	410	820	ug/Kg
108-95-2	Phenol	110	U	110	200	820	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	87	U	87	200	820	ug/Kg
95-57-8	2-Chlorophenol	54	U	54	110	420	ug/Kg
95-48-7	2-Methylphenol	96	U	96	200	820	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	200	820	ug/Kg
98-86-2	Acetophenone	150	U	150	200	820	ug/Kg
106-44-5	4-Methylphenol	100	U	100	200	820	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	110	420	ug/Kg
67-72-1	Hexachloroethane	40	U	40	110	420	ug/Kg
98-95-3	Nitrobenzene	67	U	67	110	420	ug/Kg
78-59-1	Isophorone	89	U	89	110	420	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	110	420	ug/Kg
105-67-9	2,4-Dimethylphenol	21	U	21	110	420	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	77	U	77	110	420	ug/Kg
120-83-2	2,4-Dichlorophenol	84	U	84	110	420	ug/Kg
91-20-3	Naphthalene	82	U	82	110	420	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	110	820	ug/Kg
87-68-3	Hexachlorobutadiene	64	U	64	110	420	ug/Kg
105-60-2	Caprolactam	99	U	99	200	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89	U	89	110	420	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	110	420	ug/Kg
91-57-6	2-Methylnaphthalene	92	U	92	110	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	47	U	47	200	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	110	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	110	420	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE5	SDG No.:	BN081524
Lab Sample ID:	P3481-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.7
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
BN033398.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	U	110	110	420	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	110	420	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	110	420	ug/Kg
131-11-3	Dimethylphthalate	94	U	94	110	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	64	U	64	110	420	ug/Kg
208-96-8	Acenaphthylene	110	U	110	110	420	ug/Kg
99-09-2	3-Nitroaniline	35	U	35	200	820	ug/Kg
83-32-9	Acenaphthene	120	U	120	110	420	ug/Kg
51-28-5	2,4-Dinitrophenol	79	U	79	200	820	ug/Kg
100-02-7	4-Nitrophenol	27	U	27	200	820	ug/Kg
132-64-9	Dibenzofuran	99	U	99	110	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	110	420	ug/Kg
84-66-2	Diethylphthalate	100	U	100	110	420	ug/Kg
86-73-7	Fluorene	140	U	140	110	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	110	420	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	200	820	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	200	820	ug/Kg
86-30-6	N-Nitrosodiphenylamine	110	U	110	110	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	110	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	110	420	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	110	420	ug/Kg
1912-24-9	Atrazine	27	U	27	200	820	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	200	820	ug/Kg
85-01-8	Phenanthrene	130	U	130	110	420	ug/Kg
608-93-5	Pentachlorobenzene	89	U	89	110	420	ug/Kg
120-12-7	Anthracene	120	U	120	110	420	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	14	U	14	110	420	ug/Kg
86-74-8	Carbazole	150	U	150	200	820	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	110	420	ug/Kg
206-44-0	Fluoranthene	110	U	110	200	420	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE5	SDG No.:	BN081524
Lab Sample ID:	P3481-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.7
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
BN033398.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	U	110	110	420	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	110	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	200	820	ug/Kg
56-55-3	Benzo(a)anthracene	96	U	96	110	420	ug/Kg
218-01-9	Chrysene	110	U	110	110	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	110	420	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	200	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	U	120	110	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	110	420	ug/Kg
50-32-8	Benzo(a)pyrene	140	U	140	110	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	110	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	110	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	110	420	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.566		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	11.858		20-120		30	SPK: -40
4165-62-2	Phenol-d5	20.208		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.096		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.821		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.173		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	21.179		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.605		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.172		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.578		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.304		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	21.371		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.991		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	20.538		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE5	SDG No.:	BN081524
Lab Sample ID:	P3481-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.7
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
BN033398.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.857		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	21.063		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	23.82		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.464		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	301619	7.569				
1146-65-2	Naphthalene-d8	1365614	10.334				
15067-26-2	Acenaphthene-d10	878337	14.21				
1517-22-2	Phenanthrene-d10	1833971	16.957				
1719-03-5	Chrysene-d12	1621176	21.192				
1520-96-3	Perylene-d12	1474607	24.015				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	170	J			3.411	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	210	J			7.181	
000770-35-4	1-Phenoxypropan-2-ol	270	J			11.081	
000057-10-3	n-Hexadecanoic acid	190	J			17.892	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	210	J			19.422	
E966796	Total Alkanes	110	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE6	SDG No.:	BN081524
Lab Sample ID:	P3481-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.1
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
BN033399.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	17.4	180	ug/Kg
100-52-7	Benzaldehyde	130	U	130	220	870	ug/Kg
110-86-1	Pyridine	32	U	32	430	870	ug/Kg
108-95-2	Phenol	120	U	120	220	870	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	92	U	92	220	870	ug/Kg
95-57-8	2-Chlorophenol	58	U	58	110	450	ug/Kg
95-48-7	2-Methylphenol	100	U	100	220	870	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	76	U	76	220	870	ug/Kg
98-86-2	Acetophenone	160	U	160	220	870	ug/Kg
106-44-5	4-Methylphenol	110	U	110	220	870	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	97	U	97	110	450	ug/Kg
67-72-1	Hexachloroethane	42	U	42	110	450	ug/Kg
98-95-3	Nitrobenzene	71	U	71	110	450	ug/Kg
78-59-1	Isophorone	95	U	95	110	450	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	110	450	ug/Kg
105-67-9	2,4-Dimethylphenol	22	U	22	110	450	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	82	U	82	110	450	ug/Kg
120-83-2	2,4-Dichlorophenol	89	U	89	110	450	ug/Kg
91-20-3	Naphthalene	87	U	87	110	450	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	110	870	ug/Kg
87-68-3	Hexachlorobutadiene	68	U	68	110	450	ug/Kg
105-60-2	Caprolactam	110	U	110	220	870	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95	U	95	110	450	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	110	450	ug/Kg
91-57-6	2-Methylnaphthalene	97	U	97	110	450	ug/Kg
77-47-4	Hexachlorocyclopentadiene	50	U	50	220	870	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	110	450	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	110	450	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE6	SDG No.:	BN081524
Lab Sample ID:	P3481-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.1
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
BN033399.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	110	450	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	110	450	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	110	450	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	110	450	ug/Kg
606-20-2	2,6-Dinitrotoluene	68	U	68	110	450	ug/Kg
208-96-8	Acenaphthylene	120	U	120	110	450	ug/Kg
99-09-2	3-Nitroaniline	37	U	37	220	870	ug/Kg
83-32-9	Acenaphthene	130	U	130	110	450	ug/Kg
51-28-5	2,4-Dinitrophenol	84	U	84	220	870	ug/Kg
100-02-7	4-Nitrophenol	29	U	29	220	870	ug/Kg
132-64-9	Dibenzofuran	110	U	110	110	450	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	110	450	ug/Kg
84-66-2	Diethylphthalate	110	U	110	110	450	ug/Kg
86-73-7	Fluorene	150	U	150	110	450	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	110	450	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	220	870	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	220	870	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	U	120	110	450	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	110	450	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	110	450	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	110	450	ug/Kg
1912-24-9	Atrazine	29	U	29	220	870	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	220	870	ug/Kg
85-01-8	Phenanthrene	140	U	140	110	450	ug/Kg
608-93-5	Pentachlorobenzene	95	U	95	110	450	ug/Kg
120-12-7	Anthracene	120	U	120	110	450	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	15	U	15	110	450	ug/Kg
86-74-8	Carbazole	160	U	160	220	870	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	110	450	ug/Kg
206-44-0	Fluoranthene	120	U	120	220	450	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE6	SDG No.:	BN081524
Lab Sample ID:	P3481-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.1
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
BN033399.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	U	120	110	450	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	110	450	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	220	870	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	110	450	ug/Kg
218-01-9	Chrysene	120	U	120	110	450	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	110	450	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	220	870	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	130	110	450	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	U	150	110	450	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	110	450	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	110	450	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	110	450	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	110	450	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	140	110	450	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.069		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	14.239		20-120		36	SPK: -40
4165-62-2	Phenol-d5	26.321		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.261		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.17		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.437		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	29.046		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.961		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.142		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.656		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.194		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.283		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.008		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	27.613		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE6	SDG No.:	BN081524
Lab Sample ID:	P3481-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.1
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
BN033399.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.249		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	28.412		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	32.885		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.887		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	491293	7.569				
1146-65-2	Naphthalene-d8	2197997	10.334				
15067-26-2	Acenaphthene-d10	1415194	14.21				
1517-22-2	Phenanthrene-d10	2904219	16.957				
1719-03-5	Chrysene-d12	2518451	21.192				
1520-96-3	Perylene-d12	2354259	24.022				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	180	J			3.405	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	320	J			7.181	
000770-35-4	1-Phenoxypropan-2-ol	420	J			11.081	
000057-10-3	n-Hexadecanoic acid	380	J			17.892	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	180	J			19.422	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE8	SDG No.:	BN081524
Lab Sample ID:	P3481-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033400.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	9.5	96	ug/Kg
100-52-7	Benzaldehyde	69	U	69	120	470	ug/Kg
110-86-1	Pyridine	17	U	17	240	470	ug/Kg
108-95-2	Phenol	64	U	64	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	120	470	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	60.9	240	ug/Kg
95-48-7	2-Methylphenol	56	U	56	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	120	470	ug/Kg
98-86-2	Acetophenone	85	U	85	120	470	ug/Kg
106-44-5	4-Methylphenol	59	U	59	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	53	U	53	60.9	240	ug/Kg
67-72-1	Hexachloroethane	23	U	23	60.9	240	ug/Kg
98-95-3	Nitrobenzene	39	U	39	60.9	240	ug/Kg
78-59-1	Isophorone	52	U	52	60.9	240	ug/Kg
88-75-5	2-Nitrophenol	43	U	43	60.9	240	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	12	60.9	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	60.9	240	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	60.9	240	ug/Kg
91-20-3	Naphthalene	47	U	47	60.9	240	ug/Kg
106-47-8	4-Chloroaniline	63	U	63	60.9	470	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	60.9	240	ug/Kg
105-60-2	Caprolactam	57	U	57	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	60.9	240	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	60.9	240	ug/Kg
91-57-6	2-Methylnaphthalene	53	U	53	60.9	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	27	U	27	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72	U	72	60.9	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	70	U	70	60.9	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE8	SDG No.:	BN081524
Lab Sample ID:	P3481-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033400.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	66	U	66	60.9	240	ug/Kg
91-58-7	2-Chloronaphthalene	63	U	63	60.9	240	ug/Kg
88-74-4	2-Nitroaniline	32	U	32	60.9	240	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	60.9	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	37	U	37	60.9	240	ug/Kg
208-96-8	Acenaphthylene	66	U	66	60.9	240	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	120	470	ug/Kg
83-32-9	Acenaphthene	72	U	72	60.9	240	ug/Kg
51-28-5	2,4-Dinitrophenol	46	U	46	120	470	ug/Kg
100-02-7	4-Nitrophenol	16	U	16	120	470	ug/Kg
132-64-9	Dibenzofuran	57	U	57	60.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	19	U	19	60.9	240	ug/Kg
84-66-2	Diethylphthalate	59	U	59	60.9	240	ug/Kg
86-73-7	Fluorene	83	U	83	60.9	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	69	U	69	60.9	240	ug/Kg
100-01-6	4-Nitroaniline	23	U	23	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	56	U	56	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	64	60.9	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	60.9	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	60.9	240	ug/Kg
118-74-1	Hexachlorobenzene	72	U	72	60.9	240	ug/Kg
1912-24-9	Atrazine	16	U	16	120	470	ug/Kg
87-86-5	Pentachlorophenol	54	U	54	120	470	ug/Kg
85-01-8	Phenanthrene	76	U	76	60.9	240	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	60.9	240	ug/Kg
120-12-7	Anthracene	67	U	67	60.9	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	8	U	8	60.9	240	ug/Kg
86-74-8	Carbazole	87	U	87	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	82	U	82	60.9	240	ug/Kg
206-44-0	Fluoranthene	150	J	64	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE8	SDG No.:	BN081524
Lab Sample ID:	P3481-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.2
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
BN033400.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	66	60.9	240	ug/Kg
85-68-7	Butylbenzylphthalate	62	U	62	60.9	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36	U	36	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	85	J	56	60.9	240	ug/Kg
218-01-9	Chrysene	74	J	66	60.9	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62	U	62	60.9	240	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	95	J	69	60.9	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	83	U	83	60.9	240	ug/Kg
50-32-8	Benzo(a)pyrene	82	U	82	60.9	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64	U	64	60.9	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	74	U	74	60.9	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	66	U	66	60.9	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74	U	74	60.9	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.736		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	9.134		20-120		23	SPK: -40
4165-62-2	Phenol-d5	16.607		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.837		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.187		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	16.871		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	18.917		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.841		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.265		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.975		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.717		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	18.451		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.423		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	17.685		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AE8	SDG No.:	BN081524
Lab Sample ID:	P3481-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033400.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.953		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	17.183		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	24.262		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.243		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	551109	7.569				
1146-65-2	Naphthalene-d8	2373932	10.334				
15067-26-2	Acenaphthene-d10	1481349	14.21				
1517-22-2	Phenanthrene-d10	2908017	16.957				
1719-03-5	Chrysene-d12	1990014	21.192				
1520-96-3	Perylene-d12	1875299	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.081	
000057-10-3	n-Hexadecanoic acid	120	J			17.892	
	(DEL) Alkane: Straight-Chain	20.921	J			20.921	
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AF5	SDG No.:	BN081524
Lab Sample ID:	P3481-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.5
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
BN033401.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24	U	24	13	130	ug/Kg
100-52-7	Benzaldehyde	95	U	95	160	650	ug/Kg
110-86-1	Pyridine	24	U	24	330	650	ug/Kg
108-95-2	Phenol	89	U	89	160	650	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	69	U	69	160	650	ug/Kg
95-57-8	2-Chlorophenol	43	U	43	83.9	340	ug/Kg
95-48-7	2-Methylphenol	77	U	77	160	650	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	57	160	650	ug/Kg
98-86-2	Acetophenone	120	U	120	160	650	ug/Kg
106-44-5	4-Methylphenol	81	U	81	160	650	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	73	U	73	83.9	340	ug/Kg
67-72-1	Hexachloroethane	32	U	32	83.9	340	ug/Kg
98-95-3	Nitrobenzene	53	U	53	83.9	340	ug/Kg
78-59-1	Isophorone	71	U	71	83.9	340	ug/Kg
88-75-5	2-Nitrophenol	59	U	59	83.9	340	ug/Kg
105-67-9	2,4-Dimethylphenol	17	U	17	83.9	340	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	83.9	340	ug/Kg
120-83-2	2,4-Dichlorophenol	67	U	67	83.9	340	ug/Kg
91-20-3	Naphthalene	65	U	65	83.9	340	ug/Kg
106-47-8	4-Chloroaniline	87	U	87	83.9	650	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	83.9	340	ug/Kg
105-60-2	Caprolactam	79	U	79	160	650	ug/Kg
59-50-7	4-Chloro-3-methylphenol	71	U	71	83.9	340	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	83.9	340	ug/Kg
91-57-6	2-Methylnaphthalene	73	U	73	83.9	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	37	U	37	160	650	ug/Kg
88-06-2	2,4,6-Trichlorophenol	99	U	99	83.9	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97	U	97	83.9	340	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AF5	SDG No.:	BN081524
Lab Sample ID:	P3481-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.5
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
BN033401.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	91	U	91	83.9	340	ug/Kg
91-58-7	2-Chloronaphthalene	87	U	87	83.9	340	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	83.9	340	ug/Kg
131-11-3	Dimethylphthalate	75	U	75	83.9	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	83.9	340	ug/Kg
208-96-8	Acenaphthylene	91	U	91	83.9	340	ug/Kg
99-09-2	3-Nitroaniline	28	U	28	160	650	ug/Kg
83-32-9	Acenaphthene	99	U	99	83.9	340	ug/Kg
51-28-5	2,4-Dinitrophenol	63	U	63	160	650	ug/Kg
100-02-7	4-Nitrophenol	22	U	22	160	650	ug/Kg
132-64-9	Dibenzofuran	79	U	79	83.9	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	26	U	26	83.9	340	ug/Kg
84-66-2	Diethylphthalate	81	U	81	83.9	340	ug/Kg
86-73-7	Fluorene	110	U	110	83.9	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95	U	95	83.9	340	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	160	650	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	160	650	ug/Kg
86-30-6	N-Nitrosodiphenylamine	89	U	89	83.9	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89	U	89	83.9	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	200	U	200	83.9	340	ug/Kg
118-74-1	Hexachlorobenzene	99	U	99	83.9	340	ug/Kg
1912-24-9	Atrazine	22	U	22	160	650	ug/Kg
87-86-5	Pentachlorophenol	75	U	75	160	650	ug/Kg
85-01-8	Phenanthrene	100	U	100	83.9	340	ug/Kg
608-93-5	Pentachlorobenzene	71	U	71	83.9	340	ug/Kg
120-12-7	Anthracene	93	U	93	83.9	340	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	11	U	11	83.9	340	ug/Kg
86-74-8	Carbazole	120	U	120	160	650	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	83.9	340	ug/Kg
206-44-0	Fluoranthene	89	U	89	160	340	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AF5	SDG No.:	BN081524
Lab Sample ID:	P3481-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.5
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
BN033401.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	91	U	91	83.9	340	ug/Kg
85-68-7	Butylbenzylphthalate	85	U	85	83.9	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	49	U	49	160	650	ug/Kg
56-55-3	Benzo(a)anthracene	77	U	77	83.9	340	ug/Kg
218-01-9	Chrysene	91	U	91	83.9	340	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	85	U	85	83.9	340	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	160	650	ug/Kg
205-99-2	Benzo(b)fluoranthene	95	U	95	83.9	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	83.9	340	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	83.9	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89	U	89	83.9	340	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	83.9	340	ug/Kg
191-24-2	Benzo(g,h,i)perylene	91	U	91	83.9	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	83.9	340	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.15		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	10.636		20-120		27	SPK: -40
4165-62-2	Phenol-d5	19.221		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.439		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.954		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	19.5		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	21.633		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.497		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.964		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.188		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.812		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	21.12		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.473		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	19.907		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AF5	SDG No.:	BN081524
Lab Sample ID:	P3481-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.5
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
BN033401.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.924		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	20.324		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	26.756		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.696		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	573793	7.569				
1146-65-2	Naphthalene-d8	2489568	10.334				
15067-26-2	Acenaphthene-d10	1534182	14.21				
1517-22-2	Phenanthrene-d10	3123560	16.957				
1719-03-5	Chrysene-d12	2253748	21.192				
1520-96-3	Perylene-d12	2069878	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	220	J			11.081	
000057-10-3	n-Hexadecanoic acid	170	J			17.892	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	190	J			19.416	
	(DEL) Alkane: Straight-Chain	20.927	J			20.927	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF1	SDG No.:	BN081524
Lab Sample ID:	P3481-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
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
BN033402.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.3	84	ug/Kg
100-52-7	Benzaldehyde	61	U	61	100	420	ug/Kg
110-86-1	Pyridine	15	U	15	210	420	ug/Kg
108-95-2	Phenol	57	U	57	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	100	420	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	53.6	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	100	420	ug/Kg
98-86-2	Acetophenone	74	U	74	100	420	ug/Kg
106-44-5	4-Methylphenol	52	U	52	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	47	U	47	53.6	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	53.6	210	ug/Kg
98-95-3	Nitrobenzene	34	U	34	53.6	210	ug/Kg
78-59-1	Isophorone	45	U	45	53.6	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	53.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	53.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	53.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	53.6	210	ug/Kg
91-20-3	Naphthalene	42	U	42	53.6	210	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	53.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	33	U	33	53.6	210	ug/Kg
105-60-2	Caprolactam	50	U	50	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	53.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	53.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	24	U	24	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	53.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	53.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF1	SDG No.:	BN081524
Lab Sample ID:	P3481-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
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
BN033402.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	53.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.6	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.6	210	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	53.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	53.6	210	ug/Kg
208-96-8	Acenaphthylene	58	U	58	53.6	210	ug/Kg
99-09-2	3-Nitroaniline	18	U	18	100	420	ug/Kg
83-32-9	Acenaphthene	63	U	63	53.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	40	U	40	100	420	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	420	ug/Kg
132-64-9	Dibenzofuran	50	U	50	53.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	53.6	210	ug/Kg
84-66-2	Diethylphthalate	52	U	52	53.6	210	ug/Kg
86-73-7	Fluorene	73	U	73	53.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	53.6	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	53.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	53.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	53.6	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.6	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	420	ug/Kg
87-86-5	Pentachlorophenol	48	U	48	100	420	ug/Kg
85-01-8	Phenanthrene	67	U	67	53.6	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	53.6	210	ug/Kg
120-12-7	Anthracene	59	U	59	53.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.1	U	7.1	53.6	210	ug/Kg
86-74-8	Carbazole	77	U	77	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	53.6	210	ug/Kg
206-44-0	Fluoranthene	57	U	57	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF1	SDG No.:	BN081524
Lab Sample ID:	P3481-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
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
BN033402.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	53.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	54	U	54	53.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.6	210	ug/Kg
218-01-9	Chrysene	58	U	58	53.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	53.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	61	U	61	53.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	73	U	73	53.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	72	U	72	53.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57	U	57	53.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	U	66	53.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	58	53.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	53.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.354		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	7.926		20-120		20	SPK: -40
4165-62-2	Phenol-d5	14.668		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.795		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.989		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	14.99		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	16.206		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.01		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.872		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.065		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.77		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	16.432		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.093		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	15.803		20-140		40	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF1	SDG No.:	BN081524
Lab Sample ID:	P3481-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
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
BN033402.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.484		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	16.345		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	20.781		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.07		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	576130	7.569				
1146-65-2	Naphthalene-d8	2515358	10.334				
15067-26-2	Acenaphthene-d10	1566090	14.21				
1517-22-2	Phenanthrene-d10	3113354	16.957				
1719-03-5	Chrysene-d12	2387562	21.192				
1520-96-3	Perylene-d12	2190684	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	99	J			11.081	
000057-10-3	n-Hexadecanoic acid	170	J			17.892	
000057-11-4	Octadecanoic acid	85	J			19.186	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	120	J			19.422	
	(DEL) Alkane: Straight-Chain20.927	100	J			20.927	
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF3	SDG No.:	BN081524
Lab Sample ID:	P3481-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.2
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
BN033403.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	9.6	97	ug/Kg
100-52-7	Benzaldehyde	70	U	70	120	480	ug/Kg
110-86-1	Pyridine	17	U	17	240	480	ug/Kg
108-95-2	Phenol	65	U	65	120	480	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	120	480	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	61.6	250	ug/Kg
95-48-7	2-Methylphenol	56	U	56	120	480	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	120	480	ug/Kg
98-86-2	Acetophenone	85	U	85	120	480	ug/Kg
106-44-5	4-Methylphenol	59	U	59	120	480	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	61.6	250	ug/Kg
67-72-1	Hexachloroethane	23	U	23	61.6	250	ug/Kg
98-95-3	Nitrobenzene	39	U	39	61.6	250	ug/Kg
78-59-1	Isophorone	52	U	52	61.6	250	ug/Kg
88-75-5	2-Nitrophenol	43	U	43	61.6	250	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	12	61.6	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	61.6	250	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	61.6	250	ug/Kg
91-20-3	Naphthalene	48	U	48	61.6	250	ug/Kg
106-47-8	4-Chloroaniline	64	U	64	61.6	480	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	61.6	250	ug/Kg
105-60-2	Caprolactam	58	U	58	120	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	61.6	250	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	61.6	250	ug/Kg
91-57-6	2-Methylnaphthalene	54	U	54	61.6	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	28	U	28	120	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72	U	72	61.6	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	71	U	71	61.6	250	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF3	SDG No.:	BN081524
Lab Sample ID:	P3481-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.2
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
BN033403.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	67	U	67	61.6	250	ug/Kg
91-58-7	2-Chloronaphthalene	64	U	64	61.6	250	ug/Kg
88-74-4	2-Nitroaniline	32	U	32	61.6	250	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	61.6	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	38	U	38	61.6	250	ug/Kg
208-96-8	Acenaphthylene	67	U	67	61.6	250	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	120	480	ug/Kg
83-32-9	Acenaphthene	72	U	72	61.6	250	ug/Kg
51-28-5	2,4-Dinitrophenol	46	U	46	120	480	ug/Kg
100-02-7	4-Nitrophenol	16	U	16	120	480	ug/Kg
132-64-9	Dibenzofuran	58	U	58	61.6	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	19	U	19	61.6	250	ug/Kg
84-66-2	Diethylphthalate	59	U	59	61.6	250	ug/Kg
86-73-7	Fluorene	84	U	84	61.6	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	70	U	70	61.6	250	ug/Kg
100-01-6	4-Nitroaniline	23	U	23	120	480	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	56	U	56	120	480	ug/Kg
86-30-6	N-Nitrosodiphenylamine	65	U	65	61.6	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	61.6	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	61.6	250	ug/Kg
118-74-1	Hexachlorobenzene	72	U	72	61.6	250	ug/Kg
1912-24-9	Atrazine	16	U	16	120	480	ug/Kg
87-86-5	Pentachlorophenol	55	U	55	120	480	ug/Kg
85-01-8	Phenanthrene	77	U	77	61.6	250	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	61.6	250	ug/Kg
120-12-7	Anthracene	68	U	68	61.6	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	8.1	U	8.1	61.6	250	ug/Kg
86-74-8	Carbazole	88	U	88	120	480	ug/Kg
84-74-2	Di-n-butylphthalate	83	U	83	61.6	250	ug/Kg
206-44-0	Fluoranthene	65	U	65	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF3	SDG No.:	BN081524
Lab Sample ID:	P3481-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033403.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	67	U	67	61.6	250	ug/Kg
85-68-7	Butylbenzylphthalate	62	U	62	61.6	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36	U	36	120	480	ug/Kg
56-55-3	Benzo(a)anthracene	56	U	56	61.6	250	ug/Kg
218-01-9	Chrysene	67	U	67	61.6	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62	U	62	61.6	250	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	120	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	70	U	70	61.6	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	84	U	84	61.6	250	ug/Kg
50-32-8	Benzo(a)pyrene	83	U	83	61.6	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	65	U	65	61.6	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	75	U	75	61.6	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	U	67	61.6	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	75	U	75	61.6	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.957		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	16.389		20-120		41	SPK: -40
4165-62-2	Phenol-d5	29.683		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.654		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.331		15-120		81	SPK: -40
190780-66-6	4-Methylphenol-d8	29.177		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	34.233		10-135		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.671		10-120		102	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.143		10-140		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.178		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.499		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	32.766		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.287		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	30.724		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF3	SDG No.:	BN081524
Lab Sample ID:	P3481-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033403.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.94		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	31.706		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	42.706		10-130		107	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.747		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	598090	7.569				
1146-65-2	Naphthalene-d8	2522547	10.334				
15067-26-2	Acenaphthene-d10	1537687	14.21				
1517-22-2	Phenanthrene-d10	2998180	16.957				
1719-03-5	Chrysene-d12	1893082	21.192				
1520-96-3	Perylene-d12	1941232	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	210	J			3.411	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	140	J			7.181	
000770-35-4	1-Phenoxypropan-2-ol	210	J			11.081	
000599-64-4	Phenol, 4-(1-methyl-1-phenylethyl)	300	J			17.345	
000057-10-3	n-Hexadecanoic acid	320	J			17.898	
000057-11-4	Octadecanoic acid	200	J			19.186	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	380	J			19.422	
	(DEL) Alkane: Straight-Chain20.922	340	J			20.922	
019218-94-1	Tetradecane, 1-iodo-	170	J			21.986	
	(DEL) Alkane: Straight-Chain23.316	240	J			23.316	
E966796	Total Alkanes	580				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF4	SDG No.:	BN081524
Lab Sample ID:	P3481-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033404.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	10.2	100	ug/Kg
100-52-7	Benzaldehyde	74	U	74	130	510	ug/Kg
110-86-1	Pyridine	19	U	19	260	510	ug/Kg
108-95-2	Phenol	70	U	70	130	510	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	130	510	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	65.9	260	ug/Kg
95-48-7	2-Methylphenol	60	U	60	130	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	130	510	ug/Kg
98-86-2	Acetophenone	91	U	91	130	510	ug/Kg
106-44-5	4-Methylphenol	64	U	64	130	510	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	65.9	260	ug/Kg
67-72-1	Hexachloroethane	25	U	25	65.9	260	ug/Kg
98-95-3	Nitrobenzene	42	U	42	65.9	260	ug/Kg
78-59-1	Isophorone	56	U	56	65.9	260	ug/Kg
88-75-5	2-Nitrophenol	47	U	47	65.9	260	ug/Kg
105-67-9	2,4-Dimethylphenol	13	U	13	65.9	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	65.9	260	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	65.9	260	ug/Kg
91-20-3	Naphthalene	51	U	51	65.9	260	ug/Kg
106-47-8	4-Chloroaniline	68	U	68	65.9	510	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	65.9	260	ug/Kg
105-60-2	Caprolactam	62	U	62	130	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	65.9	260	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	65.9	260	ug/Kg
91-57-6	2-Methylnaphthalene	57	U	57	65.9	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	29	U	29	130	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78	U	78	65.9	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76	U	76	65.9	260	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF4	SDG No.:	BN081524
Lab Sample ID:	P3481-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.7
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
BN033404.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	71	U	71	65.9	260	ug/Kg
91-58-7	2-Chloronaphthalene	68	U	68	65.9	260	ug/Kg
88-74-4	2-Nitroaniline	34	U	34	65.9	260	ug/Kg
131-11-3	Dimethylphthalate	59	U	59	65.9	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	40	U	40	65.9	260	ug/Kg
208-96-8	Acenaphthylene	71	U	71	65.9	260	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	130	510	ug/Kg
83-32-9	Acenaphthene	78	U	78	65.9	260	ug/Kg
51-28-5	2,4-Dinitrophenol	50	U	50	130	510	ug/Kg
100-02-7	4-Nitrophenol	17	U	17	130	510	ug/Kg
132-64-9	Dibenzofuran	62	U	62	65.9	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	20	U	20	65.9	260	ug/Kg
84-66-2	Diethylphthalate	64	U	64	65.9	260	ug/Kg
86-73-7	Fluorene	90	U	90	65.9	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	74	U	74	65.9	260	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	130	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	60	U	60	130	510	ug/Kg
86-30-6	N-Nitrosodiphenylamine	70	U	70	65.9	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	70	U	70	65.9	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	65.9	260	ug/Kg
118-74-1	Hexachlorobenzene	78	U	78	65.9	260	ug/Kg
1912-24-9	Atrazine	17	U	17	130	510	ug/Kg
87-86-5	Pentachlorophenol	59	U	59	130	510	ug/Kg
85-01-8	Phenanthrene	82	U	82	65.9	260	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	65.9	260	ug/Kg
120-12-7	Anthracene	73	U	73	65.9	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	8.7	U	8.7	65.9	260	ug/Kg
86-74-8	Carbazole	95	U	95	130	510	ug/Kg
84-74-2	Di-n-butylphthalate	88	U	88	65.9	260	ug/Kg
206-44-0	Fluoranthene	70	U	70	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF4	SDG No.:	BN081524
Lab Sample ID:	P3481-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033404.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	71	U	71	65.9	260	ug/Kg
85-68-7	Butylbenzylphthalate	67	U	67	65.9	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	39	U	39	130	510	ug/Kg
56-55-3	Benzo(a)anthracene	60	U	60	65.9	260	ug/Kg
218-01-9	Chrysene	71	U	71	65.9	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67	U	67	65.9	260	ug/Kg
117-84-0	Di-n-octyl phthalate	67	U	67	130	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	74	U	74	65.9	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	90	U	90	65.9	260	ug/Kg
50-32-8	Benzo(a)pyrene	88	U	88	65.9	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	70	U	70	65.9	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	65.9	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	71	U	71	65.9	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81	U	81	65.9	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.016		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	12.406		20-120		31	SPK: -40
4165-62-2	Phenol-d5	19.864		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.785		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.835		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	18.35		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	23.651		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.546		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.21		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.938		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.271		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	22.434		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.155		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	20.773		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF4	SDG No.:	BN081524
Lab Sample ID:	P3481-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033404.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.817		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	22.203		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	23.293		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.365		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	545513	7.569				
1146-65-2	Naphthalene-d8	2024532	10.334				
15067-26-2	Acenaphthene-d10	1080462	14.21				
1517-22-2	Phenanthrene-d10	1947488	16.957				
1719-03-5	Chrysene-d12	1774536	21.192				
1520-96-3	Perylene-d12	2118075	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	190	J			3.416	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.081	
	unknown-01	150	J			14.463	
000599-64-4	Phenol, 4-(1-methyl-1-phenylethyl)	850	J			17.345	
000057-10-3	n-Hexadecanoic acid	140	J			17.892	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	500	J			19.421	
	unknown-02	130	J			20.504	
	unknown-03	310	J			20.792	
	(DEL) Alkane: Cyclic	210	J			20.921	
E966796	Total Alkanes	210				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF6	SDG No.:	BN081524
Lab Sample ID:	P3481-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.2
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
BN033405.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	9.3	94	ug/Kg
100-52-7	Benzaldehyde	68	U	68	120	470	ug/Kg
110-86-1	Pyridine	17	U	17	230	470	ug/Kg
108-95-2	Phenol	64	U	64	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	120	470	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	60	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41	U	41	120	470	ug/Kg
98-86-2	Acetophenone	83	U	83	120	470	ug/Kg
106-44-5	4-Methylphenol	58	U	58	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	52	U	52	60	240	ug/Kg
67-72-1	Hexachloroethane	23	U	23	60	240	ug/Kg
98-95-3	Nitrobenzene	38	U	38	60	240	ug/Kg
78-59-1	Isophorone	51	U	51	60	240	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	60	240	ug/Kg
105-67-9	2,4-Dimethylphenol	12	U	12	60	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	60	240	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	60	240	ug/Kg
91-20-3	Naphthalene	47	U	47	60	240	ug/Kg
106-47-8	4-Chloroaniline	62	U	62	60	470	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	60	240	ug/Kg
105-60-2	Caprolactam	56	U	56	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	60	240	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	60	240	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	60	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	27	U	27	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71	U	71	60	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	69	U	69	60	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF6	SDG No.:	BN081524
Lab Sample ID:	P3481-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033405.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	65	U	65	60	240	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	62	60	240	ug/Kg
88-74-4	2-Nitroaniline	31	U	31	60	240	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	60	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	37	U	37	60	240	ug/Kg
208-96-8	Acenaphthylene	65	U	65	60	240	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	120	470	ug/Kg
83-32-9	Acenaphthene	71	U	71	60	240	ug/Kg
51-28-5	2,4-Dinitrophenol	45	U	45	120	470	ug/Kg
100-02-7	4-Nitrophenol	16	U	16	120	470	ug/Kg
132-64-9	Dibenzofuran	56	U	56	60	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	18	U	18	60	240	ug/Kg
84-66-2	Diethylphthalate	58	U	58	60	240	ug/Kg
86-73-7	Fluorene	82	U	82	60	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	68	U	68	60	240	ug/Kg
100-01-6	4-Nitroaniline	23	U	23	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	55	U	55	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	64	60	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	60	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	60	240	ug/Kg
118-74-1	Hexachlorobenzene	71	U	71	60	240	ug/Kg
1912-24-9	Atrazine	16	U	16	120	470	ug/Kg
87-86-5	Pentachlorophenol	54	U	54	120	470	ug/Kg
85-01-8	Phenanthrene	75	U	75	60	240	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	60	240	ug/Kg
120-12-7	Anthracene	66	U	66	60	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.9	U	7.9	60	240	ug/Kg
86-74-8	Carbazole	86	U	86	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	60	240	ug/Kg
206-44-0	Fluoranthene	66	J	64	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF6	SDG No.:	BN081524
Lab Sample ID:	P3481-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033405.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	65	U	65	60	240	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	61	60	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	35	U	35	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	55	U	55	60	240	ug/Kg
218-01-9	Chrysene	65	U	65	60	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61	U	61	60	240	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	68	U	68	60	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	82	U	82	60	240	ug/Kg
50-32-8	Benzo(a)pyrene	81	U	81	60	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64	U	64	60	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	73	U	73	60	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	U	65	60	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	73	U	73	60	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.459		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	10.755		20-120		27	SPK: -40
4165-62-2	Phenol-d5	20.981		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.777		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.138		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	20.742		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	23.906		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.078		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.952		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.138		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.838		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	23.216		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.463		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	21.548		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AF6	SDG No.:	BN081524
Lab Sample ID:	P3481-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033405.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.987		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	22.767		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	28.642		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.682		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	625366	7.569				
1146-65-2	Naphthalene-d8	2659956	10.334				
15067-26-2	Acenaphthene-d10	1576583	14.21				
1517-22-2	Phenanthrene-d10	2864377	16.957				
1719-03-5	Chrysene-d12	1806215	21.192				
1520-96-3	Perylene-d12	1989873	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	190	J			3.411	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	110	J			7.181	
000770-35-4	1-Phenoxypropan-2-ol	170	J			11.081	
	unknown-01	250	J			14.463	
000599-64-4	Phenol, 4-(1-methyl-1-phenylethyl)	480	J			17.339	
000057-10-3	n-Hexadecanoic acid	200	J			17.892	
015594-90-8	1-Heneicosanol	230	J			20.922	
1000309-18-4	Sulfurous acid, butyl heptadecyl e	99	J			21.986	
E966796	Total Alkanes	65	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SBLK679	SDG No.:	BN081524
Lab Sample ID:	PB162679BL	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
BN033407.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

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

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SBLK679	SDG No.:	BN081524
Lab Sample ID:	PB162679BL	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
BN033407.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

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

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SBLK679	SDG No.:	BN081524
Lab Sample ID:	PB162679BL	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
BN033407.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.095		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	23.948		20-120		60	SPK: -40
4165-62-2	Phenol-d5	27.391		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.712		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.99		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	26.629		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	30.296		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.005		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.988		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.677		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.785		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	28.553		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.595		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	27.865		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SBLK679	SDG No.:	BN081524
Lab Sample ID:	PB162679BL	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
BN033407.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.405		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	29.665		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	35.883		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.788		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	415002	7.569				
1146-65-2	Naphthalene-d8	1804902	10.334				
15067-26-2	Acenaphthene-d10	1123041	14.204				
1517-22-2	Phenanthrene-d10	2225990	16.957				
1719-03-5	Chrysene-d12	1664107	21.192				
1520-96-3	Perylene-d12	1602328	24.015				
TENTATIVE IDENTIFIED COMPOUNDS							
000599-64-4	Phenol, 4-(1-methyl-1-phenylethyl)	350	J			17.339	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	310	J			19.416	
	(DEL) Alkane: Straight-Chain24.139	69	J			24.139	
	(DEL) Alkane: Straight-Chain25.127	77	J			25.127	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU9	SDG No.:	BN081524
Lab Sample ID:	P3502-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BN033408.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.2	73	ug/Kg
100-52-7	Benzaldehyde	52	U	52	90	360	ug/Kg
110-86-1	Pyridine	13	U	13	180	360	ug/Kg
108-95-2	Phenol	49	U	49	90	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	90	360	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	46.3	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	90	360	ug/Kg
98-86-2	Acetophenone	64	U	64	90	360	ug/Kg
106-44-5	4-Methylphenol	45	U	45	90	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	40	U	40	46.3	190	ug/Kg
67-72-1	Hexachloroethane	17	U	17	46.3	190	ug/Kg
98-95-3	Nitrobenzene	29	U	29	46.3	190	ug/Kg
78-59-1	Isophorone	39	U	39	46.3	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	46.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.3	U	9.3	46.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34	U	34	46.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	37	U	37	46.3	190	ug/Kg
91-20-3	Naphthalene	36	U	36	46.3	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	46.3	360	ug/Kg
87-68-3	Hexachlorobutadiene	28	U	28	46.3	190	ug/Kg
105-60-2	Caprolactam	44	U	44	90	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39	U	39	46.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	46.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	46.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	90	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	46.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	46.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU9	SDG No.:	BN081524
Lab Sample ID:	P3502-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BN033408.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	50	U	50	46.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	46.3	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.3	190	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	46.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	46.3	190	ug/Kg
208-96-8	Acenaphthylene	50	U	50	46.3	190	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	90	360	ug/Kg
83-32-9	Acenaphthene	55	U	55	46.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	90	360	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	90	360	ug/Kg
132-64-9	Dibenzofuran	44	U	44	46.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	46.3	190	ug/Kg
84-66-2	Diethylphthalate	45	U	45	46.3	190	ug/Kg
86-73-7	Fluorene	63	U	63	46.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52	U	52	46.3	190	ug/Kg
100-01-6	4-Nitroaniline	17	U	17	90	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	90	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	46.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	49	46.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	46.3	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	46.3	190	ug/Kg
1912-24-9	Atrazine	12	U	12	90	360	ug/Kg
87-86-5	Pentachlorophenol	130	J	41	90	360	ug/Kg
85-01-8	Phenanthrene	58	U	58	46.3	190	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	46.3	190	ug/Kg
120-12-7	Anthracene	51	U	51	46.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.1	U	6.1	46.3	190	ug/Kg
86-74-8	Carbazole	67	U	67	90	360	ug/Kg
84-74-2	Di-n-butylphthalate	62	U	62	46.3	190	ug/Kg
206-44-0	Fluoranthene	49	U	49	90	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU9	SDG No.:	BN081524
Lab Sample ID:	P3502-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BN033408.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	46.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	47	U	47	46.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	90	360	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	46.3	190	ug/Kg
218-01-9	Chrysene	50	U	50	46.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	U	47	46.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	47	U	47	90	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	46.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	U	63	46.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	62	U	62	46.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	49	46.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	46.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	U	50	46.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	46.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.609		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	5.374	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	17.676		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.436		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.486		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	14.557		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	19.422		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.272		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.467		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.933		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.341		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	19.19		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.767		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	18.347		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU9	SDG No.:	BN081524
Lab Sample ID:	P3502-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BN033408.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.377		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	18.361		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	24.832		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.498		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	532498	7.569				
1146-65-2	Naphthalene-d8	2278877	10.334				
15067-26-2	Acenaphthene-d10	1401557	14.204				
1517-22-2	Phenanthrene-d10	2738941	16.957				
1719-03-5	Chrysene-d12	1816270	21.186				
1520-96-3	Perylene-d12	1839193	24.015				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	93	J			3.411	
007785-70-8	(1R)-2,6,6-Trimethylbicyclo[3.1.1]	120	J			6.287	
000770-35-4	1-Phenoxypropan-2-ol	100	J			11.081	
000599-64-4	Phenol, 4-(1-methyl-1-phenylethyl)	690	J			17.345	
000057-10-3	n-Hexadecanoic acid	360	J			17.892	
000057-11-4	Octadecanoic acid	340	J			19.192	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	8100	J			19.439	
015594-90-8	1-Heneicosanol	96	J			19.922	
000122-69-0	Cinnamyl cinnamate	480	J			20.733	
001740-19-8	Dehydroabietic acid	340	J			20.869	
074339-53-0	Trichloroacetic acid, pentadecyl e	970	J			20.916	
000112-85-6	Docosanoic acid	130	J			21.257	
	(DEL) Alkane: Straight-Chain21.427	110	J			21.427	
002004-39-9	1-Heptacosanol	1600	J			21.992	
000557-59-5	Tetracosanoic acid	170	J			22.404	
000544-77-4	Hexadecane, 1-iodo-	190	J			22.598	
	(DEL) Alkane: Straight-Chain23.310	1400	J			23.31	

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU9	SDG No.:	BN081524
Lab Sample ID:	P3502-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BN033408.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000506-52-5	1-Hexacosanol	560	J			23.351	
	(DEL) Alkane: Straight-Chain24.133	150	J			24.133	
002400-66-0	Eicosanal-	100	J			24.58	
	(DEL) Alkane: Straight-Chain25.127	1500	J			25.127	
000504-55-2	Nonacosan-10-ol	720	J			25.221	
003268-87-9	Octachlorodibenzo-p-dioxin	91	J			26.227	
067860-04-2	Oxirane, heptadecyl-	330	J			26.974	
000083-47-6	.gamma.-Sitosterol	930	J			28.656	
E966796	Total Alkanes	3200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU9MS	SDG No.:	BN081524
Lab Sample ID:	P3502-17MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033409.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350		13	7.2	73	ug/Kg
100-52-7	Benzaldehyde	1300		52	89.8	360	ug/Kg
110-86-1	Pyridine	880		13	180	360	ug/Kg
108-95-2	Phenol	1100		49	89.8	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		38	89.8	360	ug/Kg
95-57-8	2-Chlorophenol	1200		24	46.3	190	ug/Kg
95-48-7	2-Methylphenol	1100		42	89.8	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		32	89.8	360	ug/Kg
98-86-2	Acetophenone	1000		64	89.8	360	ug/Kg
106-44-5	4-Methylphenol	1100		45	89.8	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		40	46.3	190	ug/Kg
67-72-1	Hexachloroethane	1200		17	46.3	190	ug/Kg
98-95-3	Nitrobenzene	1100		29	46.3	190	ug/Kg
78-59-1	Isophorone	1100		39	46.3	190	ug/Kg
88-75-5	2-Nitrophenol	1400		33	46.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		9.3	46.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		34	46.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		37	46.3	190	ug/Kg
91-20-3	Naphthalene	1100		36	46.3	190	ug/Kg
106-47-8	4-Chloroaniline	640		48	46.3	360	ug/Kg
87-68-3	Hexachlorobutadiene	1200		28	46.3	190	ug/Kg
105-60-2	Caprolactam	1100		44	89.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		39	46.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	1100		21	46.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	1100		40	46.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	990		21	89.8	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		54	46.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		53	46.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU9MS	SDG No.:	BN081524
Lab Sample ID:	P3502-17MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033409.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		50	46.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	1200		48	46.3	190	ug/Kg
88-74-4	2-Nitroaniline	1300		24	46.3	190	ug/Kg
131-11-3	Dimethylphthalate	1100		41	46.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		28	46.3	190	ug/Kg
208-96-8	Acenaphthylene	1200		50	46.3	190	ug/Kg
99-09-2	3-Nitroaniline	1100		15	89.8	360	ug/Kg
83-32-9	Acenaphthene	1100		54	46.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		35	89.8	360	ug/Kg
100-02-7	4-Nitrophenol	1200		12	89.8	360	ug/Kg
132-64-9	Dibenzofuran	1100		44	46.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		14	46.3	190	ug/Kg
84-66-2	Diethylphthalate	1100		45	46.3	190	ug/Kg
86-73-7	Fluorene	1100		63	46.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		52	46.3	190	ug/Kg
100-01-6	4-Nitroaniline	1100		17	89.8	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		42	89.8	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		49	46.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		49	46.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		110	46.3	190	ug/Kg
118-74-1	Hexachlorobenzene	1100		54	46.3	190	ug/Kg
1912-24-9	Atrazine	940		12	89.8	360	ug/Kg
87-86-5	Pentachlorophenol	1500		41	89.8	360	ug/Kg
85-01-8	Phenanthrene	1100		58	46.3	190	ug/Kg
608-93-5	Pentachlorobenzene	1100		39	46.3	190	ug/Kg
120-12-7	Anthracene	1000		51	46.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		6.1	46.3	190	ug/Kg
86-74-8	Carbazole	1100		66	89.8	360	ug/Kg
84-74-2	Di-n-butylphthalate	1100		62	46.3	190	ug/Kg
206-44-0	Fluoranthene	1500		49	89.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU9MS	SDG No.:	BN081524
Lab Sample ID:	P3502-17MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.04	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
BN033409.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		50	46.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	1600		47	46.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	94	J	27	89.8	360	ug/Kg
56-55-3	Benzo(a)anthracene	1200		42	46.3	190	ug/Kg
218-01-9	Chrysene	1200		50	46.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		47	46.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		47	89.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		52	46.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		63	46.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	1100		62	46.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		49	46.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		57	46.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		50	46.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		57	46.3	190	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	5.846	*	20-120		15	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.922		15-120		37	SPK: -8
4165-62-2	Phenol-d5	20.64		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.734		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.233		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	17.341		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	22.603		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.958		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.952		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.48		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.086		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.825		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.713		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	21.243		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU9MS	SDG No.:	BN081524
Lab Sample ID:	P3502-17MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033409.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.854		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	19.892		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	27.084		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.576		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	458474	7.569				
1146-65-2	Naphthalene-d8	2031964	10.334				
15067-26-2	Acenaphthene-d10	1279333	14.21				
1517-22-2	Phenanthrene-d10	2693558	16.963				
1719-03-5	Chrysene-d12	1888704	21.192				
1520-96-3	Perylene-d12	1942222	24.027				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	50	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU9MSD	SDG No.:	BN081524
Lab Sample ID:	P3502-18MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033410.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	320		13	7.2	73	ug/Kg
100-52-7	Benzaldehyde	1200		52	89.9	360	ug/Kg
110-86-1	Pyridine	790		13	180	360	ug/Kg
108-95-2	Phenol	1100		49	89.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	990		38	89.9	360	ug/Kg
95-57-8	2-Chlorophenol	1100		24	46.3	190	ug/Kg
95-48-7	2-Methylphenol	1000		42	89.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	910		32	89.9	360	ug/Kg
98-86-2	Acetophenone	950		64	89.9	360	ug/Kg
106-44-5	4-Methylphenol	1000		45	89.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	930		40	46.3	190	ug/Kg
67-72-1	Hexachloroethane	1000		17	46.3	190	ug/Kg
98-95-3	Nitrobenzene	1100		29	46.3	190	ug/Kg
78-59-1	Isophorone	970		39	46.3	190	ug/Kg
88-75-5	2-Nitrophenol	1300		33	46.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		9.3	46.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	990		34	46.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		37	46.3	190	ug/Kg
91-20-3	Naphthalene	1000		36	46.3	190	ug/Kg
106-47-8	4-Chloroaniline	610		48	46.3	360	ug/Kg
87-68-3	Hexachlorobutadiene	1100		28	46.3	190	ug/Kg
105-60-2	Caprolactam	1000		44	89.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		39	46.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	990		21	46.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	1000		40	46.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	800		21	89.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		54	46.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		53	46.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU9MSD	SDG No.:	BN081524
Lab Sample ID:	P3502-18MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033410.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1000		50	46.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	1100		48	46.3	190	ug/Kg
88-74-4	2-Nitroaniline	1200		24	46.3	190	ug/Kg
131-11-3	Dimethylphthalate	1000		41	46.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		28	46.3	190	ug/Kg
208-96-8	Acenaphthylene	1100		50	46.3	190	ug/Kg
99-09-2	3-Nitroaniline	1000		15	89.9	360	ug/Kg
83-32-9	Acenaphthene	1000		54	46.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	1300		35	89.9	360	ug/Kg
100-02-7	4-Nitrophenol	1100		12	89.9	360	ug/Kg
132-64-9	Dibenzofuran	1000		44	46.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		14	46.3	190	ug/Kg
84-66-2	Diethylphthalate	1000		45	46.3	190	ug/Kg
86-73-7	Fluorene	980		63	46.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	990		52	46.3	190	ug/Kg
100-01-6	4-Nitroaniline	1000		17	89.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		42	89.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000		49	46.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		49	46.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		110	46.3	190	ug/Kg
118-74-1	Hexachlorobenzene	1100		54	46.3	190	ug/Kg
1912-24-9	Atrazine	860		12	89.9	360	ug/Kg
87-86-5	Pentachlorophenol	1400		41	89.9	360	ug/Kg
85-01-8	Phenanthrene	1000		58	46.3	190	ug/Kg
608-93-5	Pentachlorobenzene	1000		39	46.3	190	ug/Kg
120-12-7	Anthracene	960		51	46.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		6.1	46.3	190	ug/Kg
86-74-8	Carbazole	1000		66	89.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	1100		62	46.3	190	ug/Kg
206-44-0	Fluoranthene	1300		49	89.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU9MSD	SDG No.:	BN081524
Lab Sample ID:	P3502-18MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033410.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		50	46.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	1500		47	46.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	J	27	89.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	1100		42	46.3	190	ug/Kg
218-01-9	Chrysene	1100		50	46.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		47	46.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		47	89.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		52	46.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		63	46.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	1000		62	46.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		49	46.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		57	46.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		50	46.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		57	46.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.589		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	5.335	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	19.078		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.074		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.535		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	15.987		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	20.79		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.213		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.177		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.04		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.818		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	19.819		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.234		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	18.867		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXU9MSD	SDG No.:	BN081524
Lab Sample ID:	P3502-18MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033410.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.852		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	18.23		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	23.974		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.335		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	432449	7.569				
1146-65-2	Naphthalene-d8	1931815	10.334				
15067-26-2	Acenaphthene-d10	1252658	14.21				
1517-22-2	Phenanthrene-d10	2627747	16.957				
1719-03-5	Chrysene-d12	1995918	21.192				
1520-96-3	Perylene-d12	1993022	24.027				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	50	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SLCS649	SDG No.:	BN081524
Lab Sample ID:	PB162649BS	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
BN033411.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	280		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	810		48	82.5	330	ug/Kg
110-86-1	Pyridine	720		12	170	330	ug/Kg
108-95-2	Phenol	910		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	880		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	960		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	900		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	810		29	82.5	330	ug/Kg
98-86-2	Acetophenone	840		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	890		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	830		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	930		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	920		27	42.5	170	ug/Kg
78-59-1	Isophorone	860		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1200		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	690		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	880		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	960		34	42.5	170	ug/Kg
91-20-3	Naphthalene	890		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	700		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	960		26	42.5	170	ug/Kg
105-60-2	Caprolactam	880		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	950		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	860		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	870		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	580		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	930		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	950		49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SLCS649	SDG No.:	BN081524
Lab Sample ID:	PB162649BS	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
BN033411.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	910		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	930		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1000		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	900		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	950		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1000		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	880		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	900		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	880		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	890		41	42.5	170	ug/Kg
86-73-7	Fluorene	860		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	880		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1000		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	950		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	940		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	970		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	980		50	42.5	170	ug/Kg
1912-24-9	Atrazine	55	J	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	800		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	920		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	940		36	42.5	170	ug/Kg
120-12-7	Anthracene	890		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	900		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	960		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	1300		45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SLCS649	SDG No.:	BN081524
Lab Sample ID:	PB162649BS	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
BN033411.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1300		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	910		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	940		39	42.5	170	ug/Kg
218-01-9	Chrysene	930		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	990		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	920		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	930		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	940		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	970		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	840		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.052		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	21.403		20-120		54	SPK: -40
4165-62-2	Phenol-d5	28.23		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.866		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.494		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.442		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	30.755		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.497		10-120		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.821		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.96		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.93		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	28.279		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.088		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	27.081		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SLCS649	SDG No.:	BN081524
Lab Sample ID:	PB162649BS	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
BN033411.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.509		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	27.565		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	36.125		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.261		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	436448	7.569				
1146-65-2	Naphthalene-d8	1966850	10.334				
15067-26-2	Acenaphthene-d10	1275935	14.21				
1517-22-2	Phenanthrene-d10	2552897	16.957				
1719-03-5	Chrysene-d12	1738971	21.192				
1520-96-3	Perylene-d12	1683635	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SLCS679	SDG No.:	BN081524
Lab Sample ID:	PB162679BS	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
BN033412.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	280		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	780		48	82.5	330	ug/Kg
110-86-1	Pyridine	710		12	170	330	ug/Kg
108-95-2	Phenol	900		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	870		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	940		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	880		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	800		29	82.5	330	ug/Kg
98-86-2	Acetophenone	830		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	870		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	810		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	900		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	930		27	42.5	170	ug/Kg
78-59-1	Isophorone	870		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1200		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	630		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	880		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	960		34	42.5	170	ug/Kg
91-20-3	Naphthalene	900		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	690		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	960		26	42.5	170	ug/Kg
105-60-2	Caprolactam	890		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	950		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	870		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	880		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	560		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	960		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	950		49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SLCS679	SDG No.:	BN081524
Lab Sample ID:	PB162679BS	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
BN033412.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	940		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	940		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	910		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	980		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1000		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	900		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1300		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	920		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	900		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	910		41	42.5	170	ug/Kg
86-73-7	Fluorene	880		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	890		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	960		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	950		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1000		50	42.5	170	ug/Kg
1912-24-9	Atrazine	54	J	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	790		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	920		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	950		36	42.5	170	ug/Kg
120-12-7	Anthracene	870		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	880		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	980		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	1200		45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SLCS679	SDG No.:	BN081524
Lab Sample ID:	PB162679BS	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
BN033412.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1300		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	950		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	950		39	42.5	170	ug/Kg
218-01-9	Chrysene	930		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	990		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	940		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	950		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	950		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	980		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	850		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.131		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	21.066		20-120		53	SPK: -40
4165-62-2	Phenol-d5	27.362		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.115		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.635		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	26.582		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	30.917		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.452		10-120		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.746		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.696		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.076		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	28.649		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.428		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	27.482		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SLCS679	SDG No.:	BN081524
Lab Sample ID:	PB162679BS	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
BN033412.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.573		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	26.832		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	35.988		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.785		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	535969	7.569				
1146-65-2	Naphthalene-d8	2347048	10.334				
15067-26-2	Acenaphthene-d10	1499301	14.21				
1517-22-2	Phenanthrene-d10	3044773	16.963				
1719-03-5	Chrysene-d12	2079505	21.192				
1520-96-3	Perylene-d12	2044150	24.021				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E0AE2								
P3481-02	E0AE2	Solid	1-Heneicosyl formate	*	180.000	J		
P3481-02	E0AE2	Solid	1-Phenoxypropan-2-ol	*	330.000	J		
P3481-02	E0AE2	Solid	n-Hexadecanoic acid	*	200.000	J		
P3481-02	E0AE2	Solid	Phenol, 4,4-(1-methylethylidene)t	*	150.000	J		
P3481-02	E0AE2	Solid	Propylene Glycol	*	180.000	J		
P3481-02	E0AE2	Solid	Total Alkanes	*	0.000	100	370	ug/Kg
Total Tics :					1,040.00			
Total Concentration:					1,040.00			
Client ID : E0AE3								
P3481-03	E0AE3	Solid	Phenol, 4,4-(1-methylethylidene)t	*	190.000	J		
P3481-03	E0AE3	Solid	Total Alkanes	*	0.000	110	420	ug/Kg
Total Tics :					190.00			
Total Concentration:					190.00			
Client ID : E0AD7								
P3481-05	E0AD7	Solid	(DEL) Alkane: Straight-Chain20.9	*	150.000	J		
P3481-05	E0AD7	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P3481-05	E0AD7	Solid	Phenol, 4,4-(1-methylethylidene)t	*	120.000	J		
P3481-05	E0AD7	Solid	Total Alkanes	*	150.000	65	240	ug/Kg
Total Tics :					540.00			
Total Concentration:					540.00			
Client ID : E0AE5								
P3481-11	E0AE5	Solid	1-Phenoxypropan-2-ol	*	270.000	J		
P3481-11	E0AE5	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	210.000	J		
P3481-11	E0AE5	Solid	n-Hexadecanoic acid	*	190.000	J		
P3481-11	E0AE5	Solid	Phenol, 4,4-(1-methylethylidene)t	*	210.000	J		
P3481-11	E0AE5	Solid	R-(-)-1,2-propanediol	*	170.000	J		
P3481-11	E0AE5	Solid	Total Alkanes	*	0.000	110	420	ug/Kg
Total Tics :					1,050.00			
Total Concentration:					1,050.00			
Client ID : E0AE6								
P3481-12	E0AE6	Solid	1-Phenoxypropan-2-ol	*	420.000	J		
P3481-12	E0AE6	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	320.000	J		
P3481-12	E0AE6	Solid	n-Hexadecanoic acid	*	380.000	J		
P3481-12	E0AE6	Solid	Phenol, 4,4-(1-methylethylidene)t	*	180.000	J		
P3481-12	E0AE6	Solid	Propylene Glycol	*	180.000	J		
P3481-12	E0AE6	Solid	Total Alkanes	*	0.000	120	450	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				1,480.00				
Total Concentration:				1,480.00				
Client ID : E0AE8								
P3481-13	E0AE8	Solid	(DEL) Alkane: Straight-Chain20.9 *	100.000	J			
P3481-13	E0AE8	Solid	1-Phenoxypropan-2-ol *	150.000	J			
P3481-13	E0AE8	Solid	n-Hexadecanoic acid *	120.000	J			
P3481-13	E0AE8	Solid	Total Alkanes *	100.000		66	240	ug/Kg
Total Tics :				470.00				
P3481-13	E0AE8	Solid	Benzo(a)anthracene	85.000	J	56	240	ug/Kg
P3481-13	E0AE8	Solid	Benzo(b)fluoranthene	95.000	J	69	240	ug/Kg
P3481-13	E0AE8	Solid	Chrysene	74.000	J	66	240	ug/Kg
P3481-13	E0AE8	Solid	Fluoranthene	150.000	J	64	240	ug/Kg
P3481-13	E0AE8	Solid	Pyrene	140.000	J	66	240	ug/Kg
Total Svoc :				544.00				
Total Concentration:				1,014.00				
Client ID : E0AF5								
P3481-15	E0AF5	Solid	(DEL) Alkane: Straight-Chain20.9 *	150.000	J			
P3481-15	E0AF5	Solid	1-Phenoxypropan-2-ol *	220.000	J			
P3481-15	E0AF5	Solid	n-Hexadecanoic acid *	170.000	J			
P3481-15	E0AF5	Solid	Phenol, 4,4-(1-methylethylidene)t *	190.000	J			
P3481-15	E0AF5	Solid	Total Alkanes *	150.000		91	340	ug/Kg
Total Tics :				880.00				
Total Concentration:				880.00				
Client ID : E0AF1								
P3481-16	E0AF1	Solid	(DEL) Alkane: Straight-Chain20.9 *	100.000	J			
P3481-16	E0AF1	Solid	1-Phenoxypropan-2-ol *	99.000	J			
P3481-16	E0AF1	Solid	n-Hexadecanoic acid *	170.000	J			
P3481-16	E0AF1	Solid	Octadecanoic acid *	85.000	J			
P3481-16	E0AF1	Solid	Phenol, 4,4-(1-methylethylidene)t *	120.000	J			
P3481-16	E0AF1	Solid	Total Alkanes *	100.000		58	210	ug/Kg
Total Tics :				674.00				
Total Concentration:				674.00				
Client ID : E0AF3								
P3481-18	E0AF3	Solid	(DEL) Alkane: Straight-Chain20.9 *	340.000	J			
P3481-18	E0AF3	Solid	(DEL) Alkane: Straight-Chain23.2 *	240.000	J			
P3481-18	E0AF3	Solid	1-Phenoxypropan-2-ol *	210.000	J			
P3481-18	E0AF3	Solid	Ethanol, 2-(2-ethoxyethoxy)- *	140.000	J			
P3481-18	E0AF3	Solid	n-Hexadecanoic acid *	320.000	J			
P3481-18	E0AF3	Solid	Octadecanoic acid *	200.000	J			

Hit Summary Sheet
SW-846

SDG No.: BN081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3481-18	E0AF3	Solid	Phenol, 4,4-(1-methylethylidene)b	*	380.000	J		
P3481-18	E0AF3	Solid	Phenol, 4-(1-methyl-1-phenylethy	*	300.000	J		
P3481-18	E0AF3	Solid	Propylene Glycol	*	210.000	J		
P3481-18	E0AF3	Solid	Tetradecane, 1-iodo-	*	170.000	J		
P3481-18	E0AF3	Solid	Total Alkanes	*	580.000	67	250	ug/Kg
Total Tics :					3,090.00			
Total Concentration:					3,090.00			
Client ID : E0AF4								
P3481-19	E0AF4	Solid	(DEL) Alkane: Cyclic20.921	*	210.000	J		
P3481-19	E0AF4	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P3481-19	E0AF4	Solid	n-Hexadecanoic acid	*	140.000	J		
P3481-19	E0AF4	Solid	Phenol, 4,4-(1-methylethylidene)b	*	500.000	J		
P3481-19	E0AF4	Solid	Phenol, 4-(1-methyl-1-phenylethy	*	850.000	J		
P3481-19	E0AF4	Solid	Propylene Glycol	*	190.000	J		
P3481-19	E0AF4	Solid	unknown-01	*	150.000	J		
P3481-19	E0AF4	Solid	unknown-02	*	130.000	J		
P3481-19	E0AF4	Solid	unknown-03	*	310.000	J		
P3481-19	E0AF4	Solid	Total Alkanes	*	210.000	71	260	ug/Kg
Total Tics :					2,840.00			
Total Concentration:					2,840.00			
Client ID : E0AF6								
P3481-20	E0AF6	Solid	1-Heneicosanol	*	230.000	J		
P3481-20	E0AF6	Solid	1-Phenoxypropan-2-ol	*	170.000	J		
P3481-20	E0AF6	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	110.000	J		
P3481-20	E0AF6	Solid	n-Hexadecanoic acid	*	200.000	J		
P3481-20	E0AF6	Solid	Phenol, 4-(1-methyl-1-phenylethy	*	480.000	J		
P3481-20	E0AF6	Solid	Propylene Glycol	*	190.000	J		
P3481-20	E0AF6	Solid	Sulfurous acid, butyl heptadecyl e	*	99.000	J		
P3481-20	E0AF6	Solid	unknown-01	*	250.000	J		
P3481-20	E0AF6	Solid	Total Alkanes	*	0.000	65	240	ug/Kg
Total Tics :					1,729.00			
P3481-20	E0AF6	Solid	Fluoranthene		66.000	J 64	240	ug/Kg
Total Svoc :					66.00			
Total Concentration:					1,795.00			
Client ID : DCXU9								
P3502-16	DCXU9	Solid	(1R)-2,6,6-Trimethylbicyclo[3.1.1	*	120.000	J		
P3502-16	DCXU9	Solid	(DEL) Alkane: Straight-Chain21.4	*	110.000	J		
P3502-16	DCXU9	Solid	(DEL) Alkane: Straight-Chain23.3	*	1,400.000	J		
P3502-16	DCXU9	Solid	(DEL) Alkane: Straight-Chain24.1	*	150.000	J		

Hit Summary Sheet
SW-846

SDG No.: BN081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3502-16	DCXU9	Solid	(DEL) Alkane: Straight-Chain25.1 *	1,500.000	J			
P3502-16	DCXU9	Solid	.gamma.-Sitosterol	*	930.000	J		
P3502-16	DCXU9	Solid	1-Heneicosanol	*	96.000	J		
P3502-16	DCXU9	Solid	1-Heptacosanol	*	1,600.000	J		
P3502-16	DCXU9	Solid	1-Hexacosanol	*	560.000	J		
P3502-16	DCXU9	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P3502-16	DCXU9	Solid	Cinnamyl cinnamate	*	480.000	J		
P3502-16	DCXU9	Solid	Dehydroabietic acid	*	340.000	J		
P3502-16	DCXU9	Solid	Docosanoic acid	*	130.000	J		
P3502-16	DCXU9	Solid	Eicosanal-	*	100.000	J		
P3502-16	DCXU9	Solid	Hexadecane, 1-iodo-	*	190.000	J		
P3502-16	DCXU9	Solid	n-Hexadecanoic acid	*	360.000	J		
P3502-16	DCXU9	Solid	Nonacosan-10-ol	*	720.000	J		
P3502-16	DCXU9	Solid	Octachlorodibenzo-p-dioxin	*	91.000	J		
P3502-16	DCXU9	Solid	Octadecanoic acid	*	340.000	J		
P3502-16	DCXU9	Solid	Oxirane, heptadecyl-	*	330.000	J		
P3502-16	DCXU9	Solid	Phenol, 4,4-(1-methylethylidene)b *	8,100.000	J			
P3502-16	DCXU9	Solid	Phenol, 4-(1-methyl-1-phenylethy *	690.000	J			
P3502-16	DCXU9	Solid	Propylene Glycol	*	93.000	J		
P3502-16	DCXU9	Solid	Tetracosanoic acid	*	170.000	J		
P3502-16	DCXU9	Solid	Trichloroacetic acid, pentadecyl e *	970.000	J			
P3502-16	DCXU9	Solid	Total Alkanes	*	3,200.000	50	190	ug/Kg
			Total Tics :		22,870.00			
P3502-16	DCXU9	Solid	Pentachlorophenol	130.000	J	41	360	ug/Kg
			Total Svoc :		130.00			
			Total Concentration:		23,000.00			

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN081424SAS No.: BN081424SDG No.: BN081424

Instrument ID: _____

Calibration Date(s): 8/13/2024 :Calibration Time(s): 16:52

LAB FILE ID:		RRFAL1 = BN033366.D			RRFAL2 = BN033367.D		RRFAL3 = BN033368.D	
		RRFAL4 = BN033369.D			RRFAL5 = BN033370.D		RRFAL6 = BN033371.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.480	0.539	0.554	0.509	0.490		0.514	6.1
Benzaldehyde		1.130	1.191	1.032	0.770	0.643	0.953	24.8
Pyridine		1.595	1.570	1.489	1.533	1.459	1.529	3.7
Hexachloroethane	0.555	0.626	0.624	0.599	0.610		0.603	4.8
Nitrobenzene	0.342	0.399	0.392	0.393	0.388		0.383	6.0
Isophorone	0.691	0.818	0.794	0.796	0.784		0.777	6.4
2-Nitrophenol	0.118	0.148	0.160	0.174	0.183		0.156	16.2
2,4-Dimethylphenol	0.339	0.383	0.380	0.376	0.373		0.370	4.8
Bis(2-Chloroethoxy)methane	0.459	0.512	0.485	0.481	0.468		0.481	4.2
2,4-Dichlorophenol	0.271	0.314	0.315	0.325	0.319		0.309	7.0
Naphthalene	1.064	1.205	1.122	1.109	1.075		1.115	5.0
4-Chloroaniline		0.518	0.493	0.482	0.483	0.457	0.487	4.5
Hexachlorobutadiene	0.180	0.205	0.199	0.193	0.188		0.193	4.9
Phenol		1.926	1.945	1.883	1.966	1.918	1.928	1.6
Caprolactam		0.119	0.123	0.125	0.124	0.126	0.123	2.1
4-Chloro-3-methylphenol	0.310	0.362	0.367	0.370	0.365		0.355	7.1
1-Methylnaphthalene	0.750	0.864	0.802	0.787	0.764		0.793	5.6
2-Methylnaphthalene	0.739	0.842	0.794	0.790	0.760		0.785	5.0
Hexachlorocyclopentadiene		0.290	0.301	0.334	0.332	0.329	0.317	6.4
2,4,6-Trichlorophenol	0.290	0.349	0.351	0.381	0.387		0.351	11.0
2,4,5-Trichlorophenol	0.320	0.391	0.402	0.432	0.434		0.396	11.7
1,1-Biphenyl	1.453	1.640	1.496	1.513	1.440		1.508	5.3
2-Chloronaphthalene	1.103	1.257	1.152	1.175	1.160		1.169	4.8
2-Nitroaniline	0.266	0.325	0.342	0.370	0.377		0.336	13.2
Bis(2-Chloroethyl)ether		1.616	1.592	1.513	1.526	1.427	1.535	4.8
Dimethylphthalate	1.457	1.648	1.514	1.530	1.491		1.528	4.8
2,6-Dinitrotoluene	0.211	0.269	0.279	0.312	0.317		0.278	15.4
Acenaphthylene	1.739	2.016	1.842	1.883	1.825		1.861	5.5
3-Nitroaniline		0.296	0.317	0.337	0.311	0.312	0.314	4.7
Acenaphthene	1.245	1.436	1.301	1.324	1.269		1.315	5.6
2,4-Dinitrophenol		0.091	0.108	0.136	0.159	0.191	0.137	29.1
4-Nitrophenol		0.236	0.225	0.233	0.234	0.224	0.230	2.4
Dibenzofuran	1.775	1.996	1.815	1.829	1.764		1.836	5.1
2,4-Dinitrotoluene	0.325	0.410	0.421	0.459	0.472		0.417	13.9
Diethylphthalate	1.477	1.708	1.599	1.612	1.574		1.594	5.2
2-Chlorophenol	1.268	1.482	1.509	1.447	1.508		1.443	7.0

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN081424 SAS No.: BN081424 SDG No.: BN081424

Instrument ID: _____ Calibration Date(s): 8/13/2024 : _____

Calibration Time(s): 16:52 _____

LAB FILE ID:		RRFAL1 = BN033366.D		RRFAL2 = BN033367.D		RRFAL3 = BN033368.D		
		RRFAL4 = BN033369.D		RRFAL5 = BN033370.D		RRFAL6 = BN033371.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.478	1.662	1.520	1.487	1.408		1.511	6.2
4-Chlorophenyl-phenylether	0.720	0.791	0.708	0.718	0.688		0.725	5.4
4-Nitroaniline		0.331	0.348	0.349	0.306	0.284	0.324	8.6
4,6-Dinitro-2-methylphenol		0.079	0.093	0.110	0.122	0.128	0.106	19.2
N-Nitrosodiphenylamine	0.557	0.649	0.612	0.606	0.583		0.601	5.7
1,2,4,5-Tetrachlorobenzene	0.530	0.610	0.575	0.580	0.569		0.573	5.0
4-Bromophenyl-phenylether	0.184	0.221	0.207	0.207	0.202		0.204	6.4
Hexachlorobenzene	0.217	0.253	0.228	0.237	0.234		0.234	5.6
Atrazine		0.230	0.231	0.225	0.222	0.211	0.224	3.7
Pentachlorophenol		0.125	0.139	0.152	0.159	0.160	0.147	9.9
2-Methylphenol		1.426	1.485	1.444	1.490	1.448	1.458	1.9
Phenanthrene	1.063	1.231	1.143	1.100	1.054		1.118	6.4
Pentachlorobenzene	0.261	0.302	0.284	0.268	0.272		0.278	5.7
Anthracene	1.075	1.257	1.156	1.125	1.084		1.139	6.4
1,2,3,4-Tetrachlorobenzene	0.244	0.282	0.270	0.279	0.273		0.270	5.7
Carbazole		1.176	1.103	1.056	1.010	0.907	1.050	9.6
Di-n-butylphthalate	1.173	1.388	1.359	1.349	1.290		1.312	6.5
Fluoranthene	1.180	1.391	1.298	1.328	1.260		1.291	6.1
Pyrene	1.330	1.547	1.380	1.410	1.330		1.400	6.4
Butylbenzylphthalate	0.437	0.549	0.577	0.622	0.618		0.561	13.4
3,3-Dichlorobenzidine		0.456	0.469	0.488	0.439	0.427	0.456	5.3
2,2-oxybis (1-Chloropropane)		2.711	2.645	2.464	2.437	2.201	2.492	8.0
Benzo (a) anthracene	1.362	1.588	1.398	1.465	1.382		1.439	6.4
Chrysene	1.294	1.526	1.344	1.324	1.279		1.353	7.4
Bis (2-ethylhexyl) phthalate	0.760	0.927	0.925	0.991	0.946		0.910	9.7
Di-n-octyl phthalate		1.169	1.292	1.452	1.468	1.059	1.288	13.8
Benzo (b) fluoranthene	1.094	1.294	1.230	1.278	1.321		1.243	7.2
Benzo (k) fluoranthene	1.100	1.283	1.232	1.298	1.260		1.234	6.4
Benzo (a) pyrene	1.062	1.190	1.185	1.223	1.232		1.178	5.8
Indeno (1,2,3-cd) pyrene	1.269	1.488	1.462	1.543	1.549		1.462	7.8
Dibenzo (a,h) anthracene	1.038	1.226	1.187	1.261	1.276		1.198	8.0
Benzo (g,h,i) perylene	0.994	1.139	1.116	1.178	1.191		1.124	7.0
Acetophenone		2.635	2.557	2.400	2.443	2.282	2.464	5.6
2,3,4,6-Tetrachlorophenol	0.266	0.314	0.323	0.350	0.354		0.322	11.0
1,4-Dioxane-d8	0.488	0.512	0.507	0.478	0.466		0.490	4.0
Pyridine-d5		1.511	1.520	1.467	1.496	1.443	1.488	2.1

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN081424 SAS No.: BN081424 SDG No.: BN081424
Instrument ID: _____ Calibration Date(s): 8/13/2024 : _____
Calibration Time(s): 16:52 _____

LAB FILE ID:		RRFAL1 = BN033366.D			RRFAL2 = BN033367.D		RRFAL3 = BN033368.D	
		RRFAL4 = BN033369.D			RRFAL5 = BN033370.D		RRFAL6 = BN033371.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.784	1.848	1.788	1.888	1.864	1.834	2.5
Bis-(2-Chloroethyl)ether-d8		1.254	1.214	1.171	1.163	1.079	1.176	5.6
2-Chlorophenol-d4	1.183	1.390	1.448	1.411	1.483		1.383	8.5
4-Methylphenol-d8		1.465	1.543	1.506	1.557	1.514	1.517	2.4
Nitrobenzene-d5	0.129	0.152	0.156	0.162	0.162		0.152	9.2
2-Nitrophenol-d4	0.102	0.121	0.132	0.152	0.164		0.134	18.4
2,4-Dichlorophenol-d3	0.248	0.302	0.304	0.317	0.322		0.298	9.9
4-Chloroaniline-d4		0.526	0.496	0.499	0.494	0.472	0.497	3.8
4-Methylphenol		1.630	1.680	1.600	1.659	1.592	1.632	2.3
Dimethylphthalate-d6	1.428	1.646	1.511	1.539	1.487		1.522	5.3
Acenaphthylene-d8	1.554	1.825	1.690	1.759	1.692		1.704	5.9
4-Nitrophenol-d4		0.269	0.287	0.304	0.309	0.303	0.294	5.6
Fluorene-d10	1.251	1.410	1.301	1.303	1.263		1.305	4.8
4,6-Dinitro-2-methylphenol-		0.066	0.079	0.096	0.109	0.120	0.094	23.1
Anthracene-d10	0.882	1.029	0.963	0.941	0.927		0.948	5.7
Pyrene-d10	1.016	1.191	1.096	1.129	1.090		1.104	5.8
Benzo(a)pyrene-d12	0.903	1.058	1.045	1.082	1.111		1.040	7.7
N-Nitroso-di-n-propylamine	1.127	1.340	1.321	1.246	1.260		1.259	6.6

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.: BN081524 SAS No.: BN081524 SDG NO.: BN081524

EPA Sample No.: SSTD020212 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BN033368.D Time Analyzed: 11:02

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	227825	7.569	1.07576e+01	10.33	755591	14.21
UPPER LIMIT	455650	8.069	2151520	10.834	1511182	14.71
LOWER LIMIT	113912.5	7.069	537880	9.834	377795.5	13.71
EPA SAMPLE NO.						
01 SBLK649	382134	7.57	1.73225e	10.33	1.13033e	14.21
02 E0AE2	417324	7.57	1.87724e	10.33	1.20916e	14.21
03 E0AE3	364504	7.57	1.67622e	10.33	1.11157e	14.21
04 E0AD7	386762	7.57	1.74204e	10.33	1.13061e	14.21
05 E0AE5	301619	7.57	1.36561e	10.33	878337	14.21
06 E0AE6	491293 *	7.57	2.198e+0 *	10.33	1.41519e	14.21
07 E0AE8	551109 *	7.57	2.37393e *	10.33	1.48135e	14.21
08 E0AF5	573793 *	7.57	2.48957e *	10.33	1.53418e *	14.21
09 E0AF1	576130 *	7.57	2.51536e *	10.33	1.56609e *	14.21
10 E0AF3	598090 *	7.57	2.52255e *	10.33	1.53769e *	14.21
11 E0AF4	545513 *	7.57	2.02453e	10.33	1.08046e	14.21
12 E0AF6	625366 *	7.57	2.65996e *	10.33	1.57658e *	14.21
13 SBLK679	415002	7.57	1.8049e+	10.33	1.12304e	14.20
14 DCXU9	532498 *	7.57	2.27888e *	10.33	1.40156e	14.20
15 DCXU9MS	458474 *	7.57	2.03196e	10.33	1.27933e	14.21
16 DCXU9MSD	432449	7.57	1.93182e	10.33	1.25266e	14.21
17 SLCS649	436448	7.57	1.96685e	10.33	1.27594e	14.21
18 SLCS679	535969 *	7.57	2.34705e *	10.33	1.4993e+	14.21

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081524 SAS No.: BN081524 SDG NO.: BN081524

EPA Sample No.: SSTD020212 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BN033368.D Time Analyzed: 23:29

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	227825	7.569	1.07576e+01	10.33	755591	14.21
UPPER LIMIT	455650	8.069	2151520	10.834	1511182	14.71
LOWER LIMIT	113912.5	7.069	537880	9.834	377795.5	13.71
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.: BN081524 SAS No.: BN081524 SDG NO.: BN081524

EPA Sample No.: SSTD020310 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BN033393.D Time Analyzed: 11:02

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	374812	7.569	1.72512e+00	10.33	1.13625e+00	14.21
UPPER LIMIT	749624	8.069	3450240	10.834	2272500	14.71
LOWER LIMIT	187406	7.069	862560	9.834	568125	13.71
EPA SAMPLE NO.						
01 SBLK649	382134	7.57	1.73225e	10.33	1.13033e	14.21
02 E0AE2	417324	7.57	1.87724e	10.33	1.20916e	14.21
03 E0AE3	364504	7.57	1.67622e	10.33	1.11157e	14.21
04 E0AD7	386762	7.57	1.74204e	10.33	1.13061e	14.21
05 E0AE5	301619	7.57	1.36561e	10.33	878337	14.21
06 E0AE6	491293	7.57	2.198e+0	10.33	1.41519e	14.21
07 E0AE8	551109	7.57	2.37393e	10.33	1.48135e	14.21
08 E0AF5	573793	7.57	2.48957e	10.33	1.53418e	14.21
09 E0AF1	576130	7.57	2.51536e	10.33	1.56609e	14.21
10 E0AF3	598090	7.57	2.52255e	10.33	1.53769e	14.21
11 E0AF4	545513	7.57	2.02453e	10.33	1.08046e	14.21
12 E0AF6	625366	7.57	2.65996e	10.33	1.57658e	14.21

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.: BN081524 SAS No.: BN081524 SDG NO.: BN081524

EPA Sample No.: SSTD020311 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BN033406.D Time Analyzed: 20:13

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	596967	7.569	2.56116e+01	10.33	1.61276e+00	14.21
UPPER LIMIT	1193934	8.069	5122320	10.834	3225520	14.71
LOWER LIMIT	298483.5	7.069	1280580	9.834	806380	13.71
EPA SAMPLE NO.						
01 SBLK679	415002	7.57	1.8049e+	10.33	1.12304e	14.20
02 DCXU9	532498	7.57	2.27888e	10.33	1.40156e	14.20
03 DCXU9MS	458474	7.57	2.03196e	10.33	1.27933e	14.21
04 DCXU9MSD	432449	7.57	1.93182e	10.33	1.25266e	14.21
05 SLCS649	436448	7.57	1.96685e	10.33	1.27594e	14.21
06 SLCS679	535969	7.57	2.34705e	10.33	1.4993e+	14.21

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.: BN081524 SAS No.: BN081524 SDG NO.: BN081524

EPA Sample No.: SSTD020212 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BN033368.D Time Analyzed: 11:02

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.60682e+01	16.957	1.67336e+	21.192	1.98419e+01	24.027
	UPPER LIMIT	3213640	17.457	3346720	21.692	3968380	24.527
	LOWER LIMIT	803410	16.457	836680	20.692	992095	23.527
	EPA SAMPLE NO.						
01	SBLK649	2.37807	16.96	2.22274e+	21.19	2.14052e+	24.02
02	E0AE2	2.54494	16.96	2.2918e+0	21.19	2.26556e+	24.02
03	E0AE3	2.30559	16.96	2.0565e+0	21.19	1.87697e+	24.02
04	E0AD7	2.309e+	16.96	1.94597e+	21.19	1.74729e+	24.02
05	E0AE5	1.83397	16.96	1.62118e+	21.19	1.47461e+	24.02
06	E0AE6	2.90422	16.96	2.51845e+	21.19	2.35426e+	24.02
07	E0AE8	2.90802	16.96	1.99001e+	21.19	1.8753e+0	24.02
08	E0AF5	3.12356	16.96	2.25375e+	21.19	2.06988e+	24.02
09	E0AF1	3.11335	16.96	2.38756e+	21.19	2.19068e+	24.02
10	E0AF3	2.99818	16.96	1.89308e+	21.19	1.94123e+	24.02
11	E0AF4	1.94749	16.96	1.77454e+	21.19	2.11808e+	24.02
12	E0AF6	2.86438	16.96	1.80622e+	21.19	1.98987e+	24.02
13	SBLK679	2.22599	16.96	1.66411e+	21.19	1.60233e+	24.02
14	DCXU9	2.73894	16.96	1.81627e+	21.19	1.83919e+	24.02
15	DCXU9MS	2.69356	16.96	1.8887e+0	21.19	1.94222e+	24.03
16	DCXU9MSD	2.62775	16.96	1.99592e+	21.19	1.99302e+	24.03
17	SLCS649	2.5529e	16.96	1.73897e+	21.19	1.68364e+	24.02
18	SLCS679	3.04477	16.96	2.07951e+	21.19	2.04415e+	24.02

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081524 SAS No.: BN081524 SDG NO.: BN081524

EPA Sample No.: SSTD020212 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BN033368.D Time Analyzed: 23:29

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.60682e+01	16.957	1.67336e+01	21.192	1.98419e+01	24.027
UPPER LIMIT	3213640	17.457	3346720	21.692	3968380	24.527
LOWER LIMIT	803410	16.457	836680	20.692	992095	23.527
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.: BN081524 SAS No.: BN081524 SDG NO.: BN081524

EPA Sample No.: SSTD020310 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BN033393.D Time Analyzed: 11:02

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2.36192e+01	16.957	2.20087e+01	21.198	2.14282e+01	24.021
UPPER LIMIT	4723840	17.457	4401740	21.698	4285640	24.521
LOWER LIMIT	1180960	16.457	1100435	20.698	1071410	23.521
EPA SAMPLE NO.						
01 SBLK649	2.37807	16.96	2.22274e+01	21.19	2.14052e+01	24.02
02 E0AE2	2.54494	16.96	2.2918e+01	21.19	2.26556e+01	24.02
03 E0AE3	2.30559	16.96	2.0565e+01	21.19	1.87697e+01	24.02
04 E0AD7	2.309e+01	16.96	1.94597e+01	21.19	1.74729e+01	24.02
05 E0AE5	1.83397	16.96	1.62118e+01	21.19	1.47461e+01	24.02
06 E0AE6	2.90422	16.96	2.51845e+01	21.19	2.35426e+01	24.02
07 E0AE8	2.90802	16.96	1.99001e+01	21.19	1.8753e+01	24.02
08 E0AF5	3.12356	16.96	2.25375e+01	21.19	2.06988e+01	24.02
09 E0AF1	3.11335	16.96	2.38756e+01	21.19	2.19068e+01	24.02
10 E0AF3	2.99818	16.96	1.89308e+01	21.19	1.94123e+01	24.02
11 E0AF4	1.94749	16.96	1.77454e+01	21.19	2.11808e+01	24.02
12 E0AF6	2.86438	16.96	1.80622e+01	21.19	1.98987e+01	24.02

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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN081524 SAS No.: BN081524 SDG NO.: BN081524

EPA Sample No.: SSTD020311 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BN033406.D Time Analyzed: 20:13

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	3.19189e+01	16.957	2.04128e+01	21.192	2.15013e+01	24.021
UPPER LIMIT	6383780	17.457	4082560	21.692	4300260	24.521
LOWER LIMIT	1595945	16.457	1020640	20.692	1075065	23.521
EPA SAMPLE NO.						
01 SBLK679	2.22599	16.96	1.66411e+01	21.19	1.60233e+01	24.02
02 DCXU9	2.73894	16.96	1.81627e+01	21.19	1.83919e+01	24.02
03 DCXU9MS	2.69356	16.96	1.8887e+01	21.19	1.94222e+01	24.03
04 DCXU9MSD	2.62775	16.96	1.99592e+01	21.19	1.99302e+01	24.03
05 SLCS649	2.5529e	16.96	1.73897e+01	21.19	1.68364e+01	24.02
06 SLCS679	3.04477	16.96	2.07951e+01	21.19	2.04415e+01	24.02

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.: BN081524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162649BS	1,4-Dioxane	530	280	ug/Kg	53				0	0		
	Benzaldehyde	1300	810	ug/Kg	62				0	0		
	Pyridine	1300	720	ug/Kg	55				0	0		
	Phenol	1300	910	ug/Kg	70				0	0		
	Bis(2-chloroethyl)ether	1300	880	ug/Kg	68				0	0		
	2-Chlorophenol	1300	960	ug/Kg	74				0	0		
	2-Methylphenol	1300	900	ug/Kg	69				0	0		
	2,2-oxybis(1-Chloropropane)	1300	810	ug/Kg	62				0	0		
	Acetophenone	1300	840	ug/Kg	65				0	0		
	4-Methylphenol	1300	890	ug/Kg	68				0	0		
	N-Nitroso-di-n-propylamine	1300	830	ug/Kg	64				0	0		
	Hexachloroethane	1300	930	ug/Kg	72				0	0		
	Nitrobenzene	1300	920	ug/Kg	71				0	0		
	Isophorone	1300	860	ug/Kg	66				0	0		
	2-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	2,4-Dimethylphenol	1300	690	ug/Kg	53				0	0		
	Bis(2-chloroethoxy)methane	1300	880	ug/Kg	68				0	0		
	2,4-Dichlorophenol	1300	960	ug/Kg	74				0	0		
	Naphthalene	1300	890	ug/Kg	68				0	0		
	4-Chloroaniline	1300	700	ug/Kg	54				0	0		
	Hexachlorobutadiene	1300	960	ug/Kg	74				0	0		
	Caprolactam	1300	880	ug/Kg	68				0	0		
	4-Chloro-3-methylphenol	1300	950	ug/Kg	73				0	0		
	1-Methylnaphthalene	1300	860	ug/Kg	66				0	0		
	2-Methylnaphthalene	1300	870	ug/Kg	67				0	0		
	Hexachlorocyclopentadiene	1300	580	ug/Kg	45				0	0		
	2,4,6-Trichlorophenol	1300	930	ug/Kg	72				0	0		
	2,4,5-Trichlorophenol	1300	950	ug/Kg	73				0	0		
	1,1'-Biphenyl	1300	910	ug/Kg	70				0	0		
	2-Chloronaphthalene	1300	930	ug/Kg	72				0	0		
	2-Nitroaniline	1300	1000	ug/Kg	77				0	0		
	Dimethylphthalate	1300	900	ug/Kg	69				0	0		
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Acenaphthylene	1300	950	ug/Kg	73				0	0		
	3-Nitroaniline	1300	1000	ug/Kg	77				0	0		
	Acenaphthene	1300	880	ug/Kg	68				0	0		
	2,4-Dinitrophenol	1300	1200	ug/Kg	92				0	0		
	4-Nitrophenol	1300	900	ug/Kg	69				0	0		
	Dibenzofuran	1300	880	ug/Kg	68				0	0		
	2,4-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Diethylphthalate	1300	890	ug/Kg	68				0	0		
	Fluorene	1300	860	ug/Kg	66				0	0		
	4-Chlorophenyl-phenylether	1300	880	ug/Kg	68				0	0		
	4-Nitroaniline	1300	1000	ug/Kg	77				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN081524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162649BS	4,6-Dinitro-2-methylphenol	1300	1200	ug/Kg	92				0	0		
	N-Nitrosodiphenylamine	1300	950	ug/Kg	73				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	940	ug/Kg	72				0	0		
	4-Bromophenyl-phenylether	1300	970	ug/Kg	75				0	0		
	Hexachlorobenzene	1300	980	ug/Kg	75				0	0		
	Atrazine	1300	55	ug/Kg	4				0	0		
	Pentachlorophenol	1300	800	ug/Kg	62				0	0		
	Phenanthrene	1300	920	ug/Kg	71				0	0		
	Pentachlorobenzene	1300	940	ug/Kg	72				0	0		
	Anthracene	1300	890	ug/Kg	68				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Carbazole	1300	900	ug/Kg	69				0	0		
	Di-n-butylphthalate	1300	960	ug/Kg	74				0	0		
	Fluoranthene	1300	1300	ug/Kg	100				0	0		
	Pyrene	1300	1100	ug/Kg	85				0	0		
	Butylbenzylphthalate	1300	1300	ug/Kg	100				0	0		
	3,3'-Dichlorobenzidine	1300	910	ug/Kg	70				0	0		
	Benzo(a)anthracene	1300	940	ug/Kg	72				0	0		
	Chrysene	1300	930	ug/Kg	72				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1300	ug/Kg	100				0	0		
	Di-n-octylphthalate	1300	1500	ug/Kg	115				0	0		
	Benzo(b)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(k)fluoranthene	1300	990	ug/Kg	76				0	0		
	Benzo(a)pyrene	1300	920	ug/Kg	71				0	0		
	Indeno(1,2,3-cd)pyrene	1300	930	ug/Kg	72				0	0		
	Dibenzo(a,h)anthracene	1300	940	ug/Kg	72				0	0		
	Benzo(g,h,i)perylene	1300	970	ug/Kg	75				0	0		
	2,3,4,6-Tetrachlorophenol	1300	840	ug/Kg	65				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN081524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162679BS	1,4-Dioxane	530	280	ug/Kg	53				0	0		
	Benzaldehyde	1300	780	ug/Kg	60				0	0		
	Pyridine	1300	710	ug/Kg	55				0	0		
	Phenol	1300	900	ug/Kg	69				0	0		
	Bis(2-chloroethyl)ether	1300	870	ug/Kg	67				0	0		
	2-Chlorophenol	1300	940	ug/Kg	72				0	0		
	2-Methylphenol	1300	880	ug/Kg	68				0	0		
	2,2-oxybis(1-Chloropropane)	1300	800	ug/Kg	62				0	0		
	Acetophenone	1300	830	ug/Kg	64				0	0		
	4-Methylphenol	1300	870	ug/Kg	67				0	0		
	N-Nitroso-di-n-propylamine	1300	810	ug/Kg	62				0	0		
	Hexachloroethane	1300	900	ug/Kg	69				0	0		
	Nitrobenzene	1300	930	ug/Kg	72				0	0		
	Isophorone	1300	870	ug/Kg	67				0	0		
	2-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	2,4-Dimethylphenol	1300	630	ug/Kg	48				0	0		
	Bis(2-chloroethoxy)methane	1300	880	ug/Kg	68				0	0		
	2,4-Dichlorophenol	1300	960	ug/Kg	74				0	0		
	Naphthalene	1300	900	ug/Kg	69				0	0		
	4-Chloroaniline	1300	690	ug/Kg	53				0	0		
	Hexachlorobutadiene	1300	960	ug/Kg	74				0	0		
	Caprolactam	1300	890	ug/Kg	68				0	0		
	4-Chloro-3-methylphenol	1300	950	ug/Kg	73				0	0		
	1-Methylnaphthalene	1300	870	ug/Kg	67				0	0		
	2-Methylnaphthalene	1300	880	ug/Kg	68				0	0		
	Hexachlorocyclopentadiene	1300	560	ug/Kg	43				0	0		
	2,4,6-Trichlorophenol	1300	960	ug/Kg	74				0	0		
	2,4,5-Trichlorophenol	1300	950	ug/Kg	73				0	0		
	1,1'-Biphenyl	1300	940	ug/Kg	72				0	0		
	2-Chloronaphthalene	1300	940	ug/Kg	72				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	910	ug/Kg	70				0	0		
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Acenaphthylene	1300	980	ug/Kg	75				0	0		
	3-Nitroaniline	1300	1000	ug/Kg	77				0	0		
	Acenaphthene	1300	900	ug/Kg	69				0	0		
	2,4-Dinitrophenol	1300	1300	ug/Kg	100				0	0		
	4-Nitrophenol	1300	920	ug/Kg	71				0	0		
	Dibenzofuran	1300	900	ug/Kg	69				0	0		
	2,4-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Diethylphthalate	1300	910	ug/Kg	70				0	0		
	Fluorene	1300	880	ug/Kg	68				0	0		
	4-Chlorophenyl-phenylether	1300	890	ug/Kg	68				0	0		
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN081524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162679BS	4,6-Dinitro-2-methylphenol	1300	1200	ug/Kg	92				0	0		
	N-Nitrosodiphenylamine	1300	960	ug/Kg	74				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	950	ug/Kg	73				0	0		
	4-Bromophenyl-phenylether	1300	1000	ug/Kg	77				0	0		
	Hexachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Atrazine	1300	54	ug/Kg	4				0	0		
	Pentachlorophenol	1300	790	ug/Kg	61				0	0		
	Phenanthrene	1300	920	ug/Kg	71				0	0		
	Pentachlorobenzene	1300	950	ug/Kg	73				0	0		
	Anthracene	1300	870	ug/Kg	67				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Carbazole	1300	880	ug/Kg	68				0	0		
	Di-n-butylphthalate	1300	980	ug/Kg	75				0	0		
	Fluoranthene	1300	1200	ug/Kg	92				0	0		
	Pyrene	1300	1100	ug/Kg	85				0	0		
	Butylbenzylphthalate	1300	1300	ug/Kg	100				0	0		
	3,3'-Dichlorobenzidine	1300	950	ug/Kg	73				0	0		
	Benzo(a)anthracene	1300	950	ug/Kg	73				0	0		
	Chrysene	1300	930	ug/Kg	72				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1300	ug/Kg	100				0	0		
	Di-n-octylphthalate	1300	1400	ug/Kg	108				0	0		
	Benzo(b)fluoranthene	1300	990	ug/Kg	76				0	0		
	Benzo(k)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(a)pyrene	1300	940	ug/Kg	72				0	0		
	Indeno(1,2,3-cd)pyrene	1300	950	ug/Kg	73				0	0		
	Dibenzo(a,h)anthracene	1300	950	ug/Kg	73				0	0		
	Benzo(g,h,i)perylene	1300	980	ug/Kg	75				0	0		
	2,3,4,6-Tetrachlorophenol	1300	850	ug/Kg	65				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK649

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN081524

SAS No.: BN081524 SDG NO.: BN081524

Lab File ID: BN033394.D

Lab Sample ID: PB162649BL

Instrument ID: BNA_N

Date Extracted: 08/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 11:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DCXU9	P3502-16	BN033408.D	08/15/2024
DCXU9MS	P3502-17MS	BN033409.D	08/15/2024
DCXU9MSD	P3502-18MSD	BN033410.D	08/15/2024
PB162649BS	PB162649BS	BN033411.D	08/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK679

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN081524

SAS No.: BN081524 SDG NO.: BN081524

Lab File ID: BN033407.D

Lab Sample ID: PB162679BL

Instrument ID: BNA_N

Date Extracted: 08/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 20:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162679BS	PB162679BS	BN033412.D	08/15/2024
E0AE2	P3481-02	BN033395.D	08/15/2024
E0AE3	P3481-03	BN033396.D	08/15/2024
E0AD7	P3481-05	BN033397.D	08/15/2024
E0AE5	P3481-11	BN033398.D	08/15/2024
E0AE6	P3481-12	BN033399.D	08/15/2024
E0AE8	P3481-13	BN033400.D	08/15/2024
E0AF5	P3481-15	BN033401.D	08/15/2024
E0AF1	P3481-16	BN033402.D	08/15/2024
E0AF3	P3481-18	BN033403.D	08/15/2024
E0AF4	P3481-19	BN033404.D	08/15/2024
E0AF6	P3481-20	BN033405.D	08/15/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN081524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3502-17MS	Client Sample ID:	DCXU9MS				DataFile:	BN033409.D			
1,4-Dioxane	580		350	ug/Kg	60				15	120	
Benzaldehyde	1500		1300	ug/Kg	87				0	0	
Pyridine	1500		880	ug/Kg	59				0	0	
Phenol	1500		1100	ug/Kg	73				26	90	
Bis(2-chloroethyl)ether	1500		1100	ug/Kg	73				0	0	
2-Chlorophenol	1500		1200	ug/Kg	80				25	102	
2-Methylphenol	1500		1100	ug/Kg	73				0	0	
2,2-oxybis(1-Chloropropane)	1500		1000	ug/Kg	67				0	0	
Acetophenone	1500		1000	ug/Kg	67				0	0	
4-Methylphenol	1500		1100	ug/Kg	73				0	0	
N-Nitroso-di-n-propylamine	1500		1000	ug/Kg	67				41	126	
Hexachloroethane	1500		1200	ug/Kg	80				0	0	
Nitrobenzene	1500		1100	ug/Kg	73				0	0	
Isophorone	1500		1100	ug/Kg	73				0	0	
2-Nitrophenol	1500		1400	ug/Kg	93				0	0	
2,4-Dimethylphenol	1500		1100	ug/Kg	73				0	0	
Bis(2-chloroethoxy)methane	1500		1100	ug/Kg	73				0	0	
2,4-Dichlorophenol	1500		1200	ug/Kg	80				0	0	
Naphthalene	1500		1100	ug/Kg	73				0	0	
4-Chloroaniline	1500		640	ug/Kg	43				0	0	
Hexachlorobutadiene	1500		1200	ug/Kg	80				0	0	
Caprolactam	1500		1100	ug/Kg	73				0	0	
4-Chloro-3-methylphenol	1500		1200	ug/Kg	80				26	103	
1-Methylnaphthalene	1500		1100	ug/Kg	73				0	0	
2-Methylnaphthalene	1500		1100	ug/Kg	73				0	0	
Hexachlorocyclopentadiene	1500		990	ug/Kg	66				0	0	
2,4,6-Trichlorophenol	1500		1300	ug/Kg	87				0	0	
2,4,5-Trichlorophenol	1500		1300	ug/Kg	87				0	0	
1,1'-Biphenyl	1500		1100	ug/Kg	73				0	0	
2-Chloronaphthalene	1500		1200	ug/Kg	80				0	0	
2-Nitroaniline	1500		1300	ug/Kg	87				0	0	
Dimethylphthalate	1500		1100	ug/Kg	73				0	0	
2,6-Dinitrotoluene	1500		1300	ug/Kg	87				0	0	
Acenaphthylene	1500		1200	ug/Kg	80				0	0	
3-Nitroaniline	1500		1100	ug/Kg	73				0	0	
Acenaphthene	1500		1100	ug/Kg	73				31	137	
2,4-Dinitrophenol	1500		1400	ug/Kg	93				0	0	
4-Nitrophenol	1500		1200	ug/Kg	80				11	114	
Dibenzofuran	1500		1100	ug/Kg	73				0	0	
2,4-Dinitrotoluene	1500		1300	ug/Kg	87				28	89	
Diethylphthalate	1500		1100	ug/Kg	73				0	0	
Fluorene	1500		1100	ug/Kg	73				0	0	
4-Chlorophenyl-phenylether	1500		1100	ug/Kg	73				0	0	
4-Nitroaniline	1500		1100	ug/Kg	73				0	0	
4,6-Dinitro-2-methylphenol	1500		1300	ug/Kg	87				0	0	
N-Nitrosodiphenylamine	1500		1100	ug/Kg	73				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN081524

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	130	1200	ug/Kg	80				0	0	
4-Bromophenyl-phenylether	1500		1200	ug/Kg	80				0	0	
Hexachlorobenzene	1500		1100	ug/Kg	73				0	0	
Atrazine	1500		940	ug/Kg	63				0	0	
Pentachlorophenol	1500		1500	ug/Kg	91				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		1100	ug/Kg	73				0	0	
Fluoranthene	1500		1500	ug/Kg	100				0	0	
Pyrene	1500		1400	ug/Kg	93				35	142	
Butylbenzylphthalate	1500		1600	ug/Kg	107				0	0	
3,3'-Dichlorobenzidine	1500		94	ug/Kg	6				0	0	
Benzo(a)anthracene	1500		1200	ug/Kg	80				0	0	
Chrysene	1500		1200	ug/Kg	80				0	0	
Bis(2-ethylhexyl)phthalate	1500		1500	ug/Kg	100				0	0	
Di-n-octylphthalate	1500		1700	ug/Kg	113				0	0	
Benzo(b)fluoranthene	1500		1200	ug/Kg	80				0	0	
Benzo(k)fluoranthene	1500		1200	ug/Kg	80				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		1300	ug/Kg	87				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN081524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3502-18MSD	Client Sample ID:	DCXU9MSD					DataFile:	BN033410.D		
1,4-Dioxane	580		320	ug/Kg	55		9		15	120	50
Benzaldehyde	1500		1200	ug/Kg	80		8	*	0	0	0
Pyridine	1500		790	ug/Kg	53		11	*	0	0	0
Phenol	1500		1100	ug/Kg	73		0		26	90	35
Bis(2-chloroethyl)ether	1500		990	ug/Kg	66		10	*	0	0	0
2-Chlorophenol	1500		1100	ug/Kg	73		9		25	102	50
2-Methylphenol	1500		1000	ug/Kg	67		9	*	0	0	0
2,2-oxybis(1-Chloropropane)	1500		910	ug/Kg	61		9	*	0	0	0
Acetophenone	1500		950	ug/Kg	63		6	*	0	0	0
4-Methylphenol	1500		1000	ug/Kg	67		9	*	0	0	0
N-Nitroso-di-n-propylamine	1500		930	ug/Kg	62		8		41	126	38
Hexachloroethane	1500		1000	ug/Kg	67		18	*	0	0	0
Nitrobenzene	1500		1100	ug/Kg	73		0		0	0	0
Isophorone	1500		970	ug/Kg	65		12	*	0	0	0
2-Nitrophenol	1500		1300	ug/Kg	87		7	*	0	0	0
2,4-Dimethylphenol	1500		1000	ug/Kg	67		9	*	0	0	0
Bis(2-chloroethoxy)methane	1500		990	ug/Kg	66		10	*	0	0	0
2,4-Dichlorophenol	1500		1100	ug/Kg	73		9	*	0	0	0
Naphthalene	1500		1000	ug/Kg	67		9	*	0	0	0
4-Chloroaniline	1500		610	ug/Kg	41		5	*	0	0	0
Hexachlorobutadiene	1500		1100	ug/Kg	73		9	*	0	0	0
Caprolactam	1500		1000	ug/Kg	67		9	*	0	0	0
4-Chloro-3-methylphenol	1500		1100	ug/Kg	73		9		26	103	33
1-Methylnaphthalene	1500		990	ug/Kg	66		10	*	0	0	0
2-Methylnaphthalene	1500		1000	ug/Kg	67		9	*	0	0	0
Hexachlorocyclopentadiene	1500		800	ug/Kg	53		22	*	0	0	0
2,4,6-Trichlorophenol	1500		1200	ug/Kg	80		8	*	0	0	0
2,4,5-Trichlorophenol	1500		1200	ug/Kg	80		8	*	0	0	0
1,1'-Biphenyl	1500		1000	ug/Kg	67		9	*	0	0	0
2-Chloronaphthalene	1500		1100	ug/Kg	73		9	*	0	0	0
2-Nitroaniline	1500		1200	ug/Kg	80		8	*	0	0	0
Dimethylphthalate	1500		1000	ug/Kg	67		9	*	0	0	0
2,6-Dinitrotoluene	1500		1200	ug/Kg	80		8	*	0	0	0
Acenaphthylene	1500		1100	ug/Kg	73		9	*	0	0	0
3-Nitroaniline	1500		1000	ug/Kg	67		9	*	0	0	0
Acenaphthene	1500		1000	ug/Kg	67		9		31	137	19
2,4-Dinitrophenol	1500		1300	ug/Kg	87		7	*	0	0	0
4-Nitrophenol	1500		1100	ug/Kg	73		9		11	114	50
Dibenzofuran	1500		1000	ug/Kg	67		9	*	0	0	0
2,4-Dinitrotoluene	1500		1100	ug/Kg	73		18		28	89	47
Diethylphthalate	1500		1000	ug/Kg	67		9	*	0	0	0
Fluorene	1500		980	ug/Kg	65		12	*	0	0	0
4-Chlorophenyl-phenylether	1500		990	ug/Kg	66		10	*	0	0	0
4-Nitroaniline	1500		1000	ug/Kg	67		9	*	0	0	0
4,6-Dinitro-2-methylphenol	1500		1200	ug/Kg	80		8	*	0	0	0
N-Nitrosodiphenylamine	1500		1000	ug/Kg	67		9	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN081524

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	130	1100	ug/Kg	73		9	*	0	0	0
4-Bromophenyl-phenylether	1500		1100	ug/Kg	73		9	*	0	0	0
Hexachlorobenzene	1500		1100	ug/Kg	73		0		0	0	0
Atrazine	1500		860	ug/Kg	57		10	*	0	0	0
Pentachlorophenol	1500		1400	ug/Kg	85		7		17	109	47
Phenanthrene	1500		1000	ug/Kg	67		9	*	0	0	0
Pentachlorobenzene	1500		1000	ug/Kg	67		9	*	0	0	0
Anthracene	1500		960	ug/Kg	64		5	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1500		1100	ug/Kg	73		9	*	0	0	0
Carbazole	1500		1000	ug/Kg	67		9	*	0	0	0
Di-n-butylphthalate	1500		1100	ug/Kg	73		0		0	0	0
Fluoranthene	1500		1300	ug/Kg	87		14	*	0	0	0
Pyrene	1500		1300	ug/Kg	87		7		35	142	36
Butylbenzylphthalate	1500		1500	ug/Kg	100		7	*	0	0	0
3,3'-Dichlorobenzidine	1500		100	ug/Kg	7		15	*	0	0	0
Benzo(a)anthracene	1500		1100	ug/Kg	73		9	*	0	0	0
Chrysene	1500		1100	ug/Kg	73		9	*	0	0	0
Bis(2-ethylhexyl)phthalate	1500		1400	ug/Kg	93		7	*	0	0	0
Di-n-octylphthalate	1500		1500	ug/Kg	100		12	*	0	0	0
Benzo(b)fluoranthene	1500		1100	ug/Kg	73		9	*	0	0	0
Benzo(k)fluoranthene	1500		1100	ug/Kg	73		9	*	0	0	0
Benzo(a)pyrene	1500		1000	ug/Kg	67		9	*	0	0	0
Indeno(1,2,3-cd)pyrene	1500		1100	ug/Kg	73		0		0	0	0
Dibenzo(a,h)anthracene	1500		1000	ug/Kg	67		9	*	0	0	0
Benzo(g,h,i)perylene	1500		1100	ug/Kg	73		0		0	0	0
2,3,4,6-Tetrachlorophenol	1500		1200	ug/Kg	80		8	*	0	0	0

Surrogate Summary

SW-846

SDG No.: **BN081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3502-16	DCXU9	BN033408.D	1,4-Dioxane-d8	8	2.61	33		15	120
			Pyridine-d5	40	5.37	13	*	20	120
			Phenol-d5	40	17.68	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.44	41		10	150
			2-Chlorophenol-d4	40	18.49	46		15	120
			4-Methylphenol-d8	40	14.56	36		10	140
			Nitrobenzene-d5	40	19.42	49		10	135
			2-Nitrophenol-d4	40	23.27	58		10	120
			2,4-Dichlorophenol-d3	40	19.47	49		10	140
			4-Chloroaniline-d4	40	4.93	12		1	145
			Dimethylphthalate-d6	40	18.34	46		10	145
			Acenaphthylene-d8	40	19.19	48		15	120
			4-Nitrophenol-d4	40	15.77	39		10	150
			Fluorene-d10	40	18.35	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.38	43		10	130
			Anthracene-d10	40	18.36	46		10	150
			Pyrene-d10	40	24.83	62		10	130
			Benzo(a)pyrene-d12	40	19.50	49		10	140
P3502-17MS	DCXU9MS	BN033409.D	1,4-Dioxane-d8	8	2.92	37		15	120
			Pyridine-d5	40	5.85	15	*	20	120
			Phenol-d5	40	20.64	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.73	47		10	150
			2-Chlorophenol-d4	40	22.23	56		15	120
			4-Methylphenol-d8	40	17.34	43		10	140
			Nitrobenzene-d5	40	22.60	57		10	135
			2-Nitrophenol-d4	40	27.96	70		10	120
			2,4-Dichlorophenol-d3	40	23.95	60		10	140
			4-Chloroaniline-d4	40	10.48	26		1	145
			Dimethylphthalate-d6	40	21.09	53		10	145
			Acenaphthylene-d8	40	21.83	55		15	120
			4-Nitrophenol-d4	40	20.71	52		10	150
			Fluorene-d10	40	21.24	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.85	62		10	130
			Anthracene-d10	40	19.89	50		10	150
			Pyrene-d10	40	27.08	68		10	130
			Benzo(a)pyrene-d12	40	21.58	54		10	140
P3502-18MSD	DCXU9MSD	BN033410.D	1,4-Dioxane-d8	8	2.59	32		15	120
			Pyridine-d5	40	5.34	13	*	20	120
			Phenol-d5	40	19.08	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.07	43		10	150
			2-Chlorophenol-d4	40	20.54	51		15	120
			4-Methylphenol-d8	40	15.99	40		10	140
			Nitrobenzene-d5	40	20.79	52		10	135
			2-Nitrophenol-d4	40	26.21	66		10	120
			2,4-Dichlorophenol-d3	40	22.18	55		10	140
			4-Chloroaniline-d4	40	10.04	25		1	145
			Dimethylphthalate-d6	40	18.82	47		10	145
			Acenaphthylene-d8	40	19.82	50		15	120
			4-Nitrophenol-d4	40	19.23	48		10	150

Surrogate Summary

SW-846

SDG No.: BN081524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3502-18MSD	DCXU9MSD	BN033410.D	Fluorene-d10	40	18.87	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.85	57		10	130
			Anthracene-d10	40	18.23	46		10	150
			Pyrene-d10	40	23.97	60		10	130
			Benzo(a)pyrene-d12	40	20.34	51		10	140
PB162649BL	PB162649BL	BN033394.D	1,4-Dioxane-d8	8	4.50	56		15	120
			Pyridine-d5	40	21.35	53		20	120
			Phenol-d5	40	23.79	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.55	59		10	150
			2-Chlorophenol-d4	40	24.61	62		15	120
			4-Methylphenol-d8	40	23.58	59		10	140
			Nitrobenzene-d5	40	25.82	65		10	135
			2-Nitrophenol-d4	40	29.74	74		10	120
			2,4-Dichlorophenol-d3	40	24.95	62		10	140
			4-Chloroaniline-d4	40	21.59	54		1	145
			Dimethylphthalate-d6	40	24.25	61		10	145
			Acenaphthylene-d8	40	24.60	62		15	120
			4-Nitrophenol-d4	40	23.10	58		10	150
			Fluorene-d10	40	23.99	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.07	55		10	130
			Anthracene-d10	40	25.20	63		10	150
			Pyrene-d10	40	26.38	66		10	130
			Benzo(a)pyrene-d12	40	26.03	65		10	140
			1,4-Dioxane-d8	8	5.05	63		15	120
			Pyridine-d5	40	21.40	54		20	120
PB162649BS	PB162649BS	BN033411.D	Phenol-d5	40	28.23	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.87	65		10	150
			2-Chlorophenol-d4	40	29.49	74		15	120
			4-Methylphenol-d8	40	27.44	69		10	140
			Nitrobenzene-d5	40	30.76	77		10	135
			2-Nitrophenol-d4	40	38.50	96		10	120
			2,4-Dichlorophenol-d3	40	30.82	77		10	140
			4-Chloroaniline-d4	40	22.96	57		1	145
			Dimethylphthalate-d6	40	26.93	67		10	145
			Acenaphthylene-d8	40	28.28	71		15	120
			4-Nitrophenol-d4	40	29.09	73		10	150
			Fluorene-d10	40	27.08	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	37.51	94		10	130
			Anthracene-d10	40	27.57	69		10	150
			Pyrene-d10	40	36.13	90		10	130
			Benzo(a)pyrene-d12	40	29.26	73		10	140

Surrogate Summary

SW-846

SDG No.: **BN081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3481-02	E0AE2	BN033395.D	1,4-Dioxane-d8	8	4.28	54		15	120
			Pyridine-d5	40	14.82	37		20	120
			Phenol-d5	40	26.84	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.10	65		10	150
			2-Chlorophenol-d4	40	28.11	70		15	120
			4-Methylphenol-d8	40	27.43	69		10	140
			Nitrobenzene-d5	40	28.15	70		10	135
			2-Nitrophenol-d4	40	32.15	80		10	120
			2,4-Dichlorophenol-d3	40	28.31	71		10	140
			4-Chloroaniline-d4	40	14.68	37		1	145
			Dimethylphthalate-d6	40	28.41	71		10	145
			Acenaphthylene-d8	40	28.84	72		15	120
			4-Nitrophenol-d4	40	21.44	54		10	150
			Fluorene-d10	40	28.33	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.25	46		10	130
			Anthracene-d10	40	29.80	74		10	150
			Pyrene-d10	40	32.91	82		10	130
			Benzo(a)pyrene-d12	40	31.81	80		10	140
P3481-03	E0AE3	BN033396.D	1,4-Dioxane-d8	8	1.68	21		15	120
			Pyridine-d5	40	5.68	14	*	20	120
			Phenol-d5	40	9.58	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.62	24		10	150
			2-Chlorophenol-d4	40	10.09	25		15	120
			4-Methylphenol-d8	40	9.69	24		10	140
			Nitrobenzene-d5	40	9.56	24		10	135
			2-Nitrophenol-d4	40	10.06	25		10	120
			2,4-Dichlorophenol-d3	40	9.94	25		10	140
			4-Chloroaniline-d4	40	4.88	12		1	145
			Dimethylphthalate-d6	40	9.54	24		10	145
			Acenaphthylene-d8	40	9.67	24		15	120
			4-Nitrophenol-d4	40	6.30	16		10	150
			Fluorene-d10	40	9.71	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.09	13		10	130
			Anthracene-d10	40	10.20	26		10	150
			Pyrene-d10	40	11.16	28		10	130
			Benzo(a)pyrene-d12	40	10.13	25		10	140
P3481-05	E0AD7	BN033397.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Pyridine-d5	40	9.01	23		20	120
			Phenol-d5	40	15.40	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.31	38		10	150
			2-Chlorophenol-d4	40	16.24	41		15	120
			4-Methylphenol-d8	40	15.49	39		10	140
			Nitrobenzene-d5	40	16.23	41		10	135
			2-Nitrophenol-d4	40	17.76	44		10	120
			2,4-Dichlorophenol-d3	40	15.91	40		10	140
			4-Chloroaniline-d4	40	8.14	20		1	145
			Dimethylphthalate-d6	40	15.07	38		10	145
			Acenaphthylene-d8	40	15.88	40		15	120
			4-Nitrophenol-d4	40	9.62	24		10	150

Surrogate Summary

SW-846

SDG No.: **BN081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3481-05	E0AD7	BN033397.D	Fluorene-d10	40	15.10	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.89	20		10	130
			Anthracene-d10	40	15.86	40		10	150
			Pyrene-d10	40	18.22	46		10	130
			Benzo(a)pyrene-d12	40	16.08	40		10	140
P3481-11	E0AE5	BN033398.D	1,4-Dioxane-d8	8	3.57	45		15	120
			Pyridine-d5	40	11.86	30		20	120
			Phenol-d5	40	20.21	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.10	50		10	150
			2-Chlorophenol-d4	40	21.82	55		15	120
			4-Methylphenol-d8	40	20.17	50		10	140
			Nitrobenzene-d5	40	21.18	53		10	135
			2-Nitrophenol-d4	40	22.61	57		10	120
			2,4-Dichlorophenol-d3	40	21.17	53		10	140
			4-Chloroaniline-d4	40	11.58	29		1	145
			Dimethylphthalate-d6	40	20.30	51		10	145
			Acenaphthylene-d8	40	21.37	53		15	120
			4-Nitrophenol-d4	40	12.99	32		10	150
			Fluorene-d10	40	20.54	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.86	27		10	130
			Anthracene-d10	40	21.06	53		10	150
			Pyrene-d10	40	23.82	60		10	130
			Benzo(a)pyrene-d12	40	22.46	56		10	140
P3481-12	E0AE6	BN033399.D	1,4-Dioxane-d8	8	4.07	51		15	120
			Pyridine-d5	40	14.24	36		20	120
			Phenol-d5	40	26.32	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.26	66		10	150
			2-Chlorophenol-d4	40	28.17	70		15	120
			4-Methylphenol-d8	40	27.44	69		10	140
			Nitrobenzene-d5	40	29.05	73		10	135
			2-Nitrophenol-d4	40	32.96	82		10	120
			2,4-Dichlorophenol-d3	40	29.14	73		10	140
			4-Chloroaniline-d4	40	12.66	32		1	145
			Dimethylphthalate-d6	40	28.19	70		10	145
			Acenaphthylene-d8	40	28.28	71		15	120
			4-Nitrophenol-d4	40	21.01	53		10	150
			Fluorene-d10	40	27.61	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.25	51		10	130
			Anthracene-d10	40	28.41	71		10	150
			Pyrene-d10	40	32.89	82		10	130
			Benzo(a)pyrene-d12	40	30.89	77		10	140
P3481-13	E0AE8	BN033400.D	1,4-Dioxane-d8	8	2.74	34		15	120
			Pyridine-d5	40	9.13	23		20	120
			Phenol-d5	40	16.61	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.84	42		10	150
			2-Chlorophenol-d4	40	18.19	45		15	120
			4-Methylphenol-d8	40	16.87	42		10	140
			Nitrobenzene-d5	40	18.92	47		10	135
			2-Nitrophenol-d4	40	20.84	52		10	120

Surrogate Summary

SW-846

SDG No.: BN081524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3481-13	E0AE8	BN033400.D	2,4-Dichlorophenol-d3	40	18.27	46		10	140
			4-Chloroaniline-d4	40	8.98	22		1	145
			Dimethylphthalate-d6	40	17.72	44		10	145
			Acenaphthylene-d8	40	18.45	46		15	120
			4-Nitrophenol-d4	40	11.42	29		10	150
			Fluorene-d10	40	17.69	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.95	27		10	130
			Anthracene-d10	40	17.18	43		10	150
			Pyrene-d10	40	24.26	61		10	130
			Benzo(a)pyrene-d12	40	19.24	48		10	140
P3481-15	E0AF5	BN033401.D	1,4-Dioxane-d8	8	3.15	39		15	120
			Pyridine-d5	40	10.64	27		20	120
			Phenol-d5	40	19.22	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.44	49		10	150
			2-Chlorophenol-d4	40	20.95	52		15	120
			4-Methylphenol-d8	40	19.50	49		10	140
			Nitrobenzene-d5	40	21.63	54		10	135
			2-Nitrophenol-d4	40	24.50	61		10	120
			2,4-Dichlorophenol-d3	40	20.96	52		10	140
			4-Chloroaniline-d4	40	13.19	33		1	145
			Dimethylphthalate-d6	40	19.81	50		10	145
			Acenaphthylene-d8	40	21.12	53		15	120
			4-Nitrophenol-d4	40	15.47	39		10	150
			Fluorene-d10	40	19.91	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.92	37		10	130
			Anthracene-d10	40	20.32	51		10	150
			Pyrene-d10	40	26.76	67		10	130
			Benzo(a)pyrene-d12	40	22.70	57		10	140
P3481-16	E0AF1	BN033402.D	1,4-Dioxane-d8	8	2.35	29		15	120
			Pyridine-d5	40	7.93	20		20	120
			Phenol-d5	40	14.67	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.80	37		10	150
			2-Chlorophenol-d4	40	15.99	40		15	120
			4-Methylphenol-d8	40	14.99	37		10	140
			Nitrobenzene-d5	40	16.21	41		10	135
			2-Nitrophenol-d4	40	18.01	45		10	120
			2,4-Dichlorophenol-d3	40	15.87	40		10	140
			4-Chloroaniline-d4	40	8.07	20		1	145
			Dimethylphthalate-d6	40	15.77	39		10	145
			Acenaphthylene-d8	40	16.43	41		15	120
			4-Nitrophenol-d4	40	12.09	30		10	150
			Fluorene-d10	40	15.80	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.48	29		10	130
			Anthracene-d10	40	16.35	41		10	150
			Pyrene-d10	40	20.78	52		10	130
			Benzo(a)pyrene-d12	40	17.07	43		10	140
P3481-18	E0AF3	BN033403.D	1,4-Dioxane-d8	8	4.96	62		15	120
			Pyridine-d5	40	16.39	41		20	120
			Phenol-d5	40	29.68	74		10	130

Surrogate Summary

SW-846

SDG No.: **BN081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3481-18	E0AF3	BN033403.D	Bis(2-Chloroethyl)ether-d8	40	29.65	74		10	150
			2-Chlorophenol-d4	40	32.33	81		15	120
			4-Methylphenol-d8	40	29.18	73		10	140
			Nitrobenzene-d5	40	34.23	86		10	135
			2-Nitrophenol-d4	40	40.67	102		10	120
			2,4-Dichlorophenol-d3	40	33.14	83		10	140
			4-Chloroaniline-d4	40	12.18	30		1	145
			Dimethylphthalate-d6	40	31.50	79		10	145
			Acenaphthylene-d8	40	32.77	82		15	120
			4-Nitrophenol-d4	40	26.29	66		10	150
			Fluorene-d10	40	30.72	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.94	70		10	130
			Anthracene-d10	40	31.71	79		10	150
			Pyrene-d10	40	42.71	107		10	130
			Benzo(a)pyrene-d12	40	33.75	84		10	140
P3481-19	E0AF4	BN033404.D	1,4-Dioxane-d8	8	4.02	50		15	120
			Pyridine-d5	40	12.41	31		20	120
			Phenol-d5	40	19.86	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.79	49		10	150
			2-Chlorophenol-d4	40	21.84	55		15	120
			4-Methylphenol-d8	40	18.35	46		10	140
			Nitrobenzene-d5	40	23.65	59		10	135
			2-Nitrophenol-d4	40	26.55	66		10	120
			2,4-Dichlorophenol-d3	40	22.21	56		10	140
			4-Chloroaniline-d4	40	7.94	20		1	145
			Dimethylphthalate-d6	40	21.27	53		10	145
			Acenaphthylene-d8	40	22.43	56		15	120
			4-Nitrophenol-d4	40	16.16	40		10	150
			Fluorene-d10	40	20.77	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.82	40		10	130
			Anthracene-d10	40	22.20	56		10	150
			Pyrene-d10	40	23.29	58		10	130
P3481-20	E0AF6	BN033405.D	Benzo(a)pyrene-d12	40	23.37	58		10	140
			1,4-Dioxane-d8	8	3.46	43		15	120
			Pyridine-d5	40	10.76	27		20	120
			Phenol-d5	40	20.98	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.78	52		10	150
			2-Chlorophenol-d4	40	23.14	58		15	120
			4-Methylphenol-d8	40	20.74	52		10	140
			Nitrobenzene-d5	40	23.91	60		10	135
			2-Nitrophenol-d4	40	28.08	70		10	120
			2,4-Dichlorophenol-d3	40	22.95	57		10	140
			4-Chloroaniline-d4	40	8.14	20		1	145
			Dimethylphthalate-d6	40	21.84	55		10	145
			Acenaphthylene-d8	40	23.22	58		15	120
			4-Nitrophenol-d4	40	16.46	41		10	150
			Fluorene-d10	40	21.55	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.99	45		10	130
			Anthracene-d10	40	22.77	57		10	150

Surrogate Summary

SW-846

SDG No.: **BN081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3481-20	E0AF6	BN033405.D	Pyrene-d10	40	28.64	72		10	130
			Benzo(a)pyrene-d12	40	23.68	59		10	140
PB162679BL	PB162679BL	BN033407.D	1,4-Dioxane-d8	8	5.10	64		15	120
			Pyridine-d5	40	23.95	60		20	120
			Phenol-d5	40	27.39	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.71	67		10	150
			2-Chlorophenol-d4	40	28.99	72		15	120
			4-Methylphenol-d8	40	26.63	67		10	140
			Nitrobenzene-d5	40	30.30	76		10	135
			2-Nitrophenol-d4	40	36.01	90		10	120
			2,4-Dichlorophenol-d3	40	28.99	72		10	140
			4-Chloroaniline-d4	40	26.68	67		1	145
			Dimethylphthalate-d6	40	27.79	69		10	145
			Acenaphthylene-d8	40	28.55	71		15	120
			4-Nitrophenol-d4	40	26.60	66		10	150
			Fluorene-d10	40	27.87	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.41	71		10	130
			Anthracene-d10	40	29.67	74		10	150
			Pyrene-d10	40	35.88	90		10	130
			Benzo(a)pyrene-d12	40	29.79	74		10	140
PB162679BS	PB162679BS	BN033412.D	1,4-Dioxane-d8	8	5.13	64		15	120
			Pyridine-d5	40	21.07	53		20	120
			Phenol-d5	40	27.36	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.12	63		10	150
			2-Chlorophenol-d4	40	28.64	72		15	120
			4-Methylphenol-d8	40	26.58	66		10	140
			Nitrobenzene-d5	40	30.92	77		10	135
			2-Nitrophenol-d4	40	38.45	96		10	120
			2,4-Dichlorophenol-d3	40	30.75	77		10	140
			4-Chloroaniline-d4	40	22.70	57		1	145
			Dimethylphthalate-d6	40	27.08	68		10	145
			Acenaphthylene-d8	40	28.65	72		15	120
			4-Nitrophenol-d4	40	29.43	74		10	150
			Fluorene-d10	40	27.48	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	37.57	94		10	130
			Anthracene-d10	40	26.83	67		10	150
			Pyrene-d10	40	35.99	90		10	130
			Benzo(a)pyrene-d12	40	29.79	74		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN081524

Lab Code: CHEM

SAS No.: BN081524 SDG NO.: BN081524

Lab File ID: BN033392.D

DFTPP Injection Date: 08/15/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.1
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	36.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.3
197	Less than 2.0% of mass 198	0.3
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	26.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	76.2
443	15.0 - 24.0% of mass 442	15.4 (20.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020310	SSTDCCC020	BN033393.D	08/15/2024	10:23
SBLK649	PB162649BL	BN033394.D	08/15/2024	11:02
E0AE2	P3481-02	BN033395.D	08/15/2024	11:42
E0AE3	P3481-03	BN033396.D	08/15/2024	12:21
E0AD7	P3481-05	BN033397.D	08/15/2024	13:00
E0AE5	P3481-11	BN033398.D	08/15/2024	13:39
E0AE6	P3481-12	BN033399.D	08/15/2024	14:19
E0AE8	P3481-13	BN033400.D	08/15/2024	14:58
E0AF5	P3481-15	BN033401.D	08/15/2024	15:37
E0AF1	P3481-16	BN033402.D	08/15/2024	16:17
E0AF3	P3481-18	BN033403.D	08/15/2024	16:56
E0AF4	P3481-19	BN033404.D	08/15/2024	17:35
E0AF6	P3481-20	BN033405.D	08/15/2024	18:15
SSTD020311	SSTDCCC020	BN033406.D	08/15/2024	19:34
SBLK679	PB162679BL	BN033407.D	08/15/2024	20:13
DCXU9	P3502-16	BN033408.D	08/15/2024	20:52
DCXU9MS	P3502-17MS	BN033409.D	08/15/2024	21:31
DCXU9MSD	P3502-18MSD	BN033410.D	08/15/2024	22:11

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN081524

Lab Code: CHEM

SAS No.: BN081524

SDG NO.: BN081524

Lab File ID: BN033392.D

DFTPP Injection Date: 08/15/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.1
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	36.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.3
197	Less than 2.0% of mass 198	0.3
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	26.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	76.2
443	15.0 - 24.0% of mass 442	15.4 (20.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SLCS649	PB162649BS	BN033411.D	08/15/2024	22:50
SLCS679	PB162679BS	BN033412.D	08/15/2024	23:29
SSTD020312	SSTDCCC020EC	BN033413.D	08/16/2024	00:09