

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP020924 SAS No.: BP020924 SDG No.: BP020924
 Instrument ID: BNA_P Calibration Date/Time: 2/9/2024 12:10:32
 Lab File ID: BP019624.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.564	0.530		-6.028	
Pyridine	1.296	1.200		-7.407	
2-Fluorophenol	1.241	1.207		-2.74	
Benzaldehyde	1.173	1.264		7.758	
Aniline	1.626	1.531		-5.843	
Phenol-d6	1.673	1.606		-4.005	
Phenol	1.667	1.582		-5.099	20.0
bis(2-Chloroethyl)ether	1.297	1.222		-5.783	
2-Chlorophenol	1.274	1.231		-3.375	
1,2-Dichlorobenzene	1.528	1.468		-3.927	
1,3-Dichlorobenzene	1.559	1.517		-2.694	
1,4-Dichlorobenzene	1.579	1.541		-2.407	20.0
Benzyl Alcohol	1.337	1.243		-7.031	
2-Methylphenol	1.123	1.069		-4.809	
2,2-oxybis(1-Chloropropane)	1.297	1.183		-8.79	
Acetophenone	0.570	0.545		-4.386	
3+4-Methylphenols	1.532	1.442		-5.875	
n-Nitroso-di-n-propylamine	1.143	0.999	0.050	-12.598	
Nitrobenzene-d5	0.462	0.446		-3.463	
Hexachloroethane	0.612	0.588		-3.922	
Nitrobenzene	0.465	0.444		-4.516	
Isophorone	0.804	0.754		-6.219	
2-Nitrophenol	0.177	0.186		5.085	20.0
2,4-Dimethylphenol	0.227	0.218		-3.965	
bis(2-Chloroethoxy)methane	0.455	0.435		-4.396	
2,4-Dichlorophenol	0.343	0.340		-0.875	20.0
1,2,4-Trichlorobenzene	0.420	0.419		-0.238	
Benzoic acid	0.221	0.228		3.167	
Naphthalene	1.097	1.050		-4.284	
4-Chloroaniline	0.406	0.383		-5.665	
Hexachlorobutadiene	0.311	0.318		2.251	20.0
Caprolactam	0.097	0.095		-2.062	
4-Chloro-3-methylphenol	0.373	0.358		-4.021	20.0
2-Methylnaphthalene	0.759	0.718		-5.402	
Hexachlorocyclopentadiene	0.348	0.386	0.050	10.92	
2,4,6-Trichlorophenol	0.467	0.469		0.428	20.0
2-Fluorobiphenyl	1.618	1.561		-3.523	
2,4,5-Trichlorophenol	0.513	0.516		0.585	
1,1-Biphenyl	1.596	1.517		-4.95	
2-Chloronaphthalene	1.310	1.251		-4.504	
2-Nitroaniline	0.366	0.358		-2.186	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.531	1.487		-2.874	
Acenaphthylene	1.838	1.758		-4.353	
2,6-Dinitrotoluene	0.336	0.337		0.298	
3-Nitroaniline	0.309	0.312		0.971	
Acenaphthene	1.141	1.088		-4.645	20.0
2,4-Dinitrophenol	0.175	0.193	0.050	10.286	
4-Nitrophenol	0.253	0.268	0.050	5.929	
Dibenzofuran	1.858	1.759		-5.328	
2,4-Dinitrotoluene	0.441	0.469		6.349	
Diethylphthalate	1.523	1.501		-1.445	
4-Chlorophenyl-phenylether	0.832	0.820		-1.442	
Fluorene	1.480	1.426		-3.649	
4-Nitroaniline	0.324	0.336		3.704	
4,6-Dinitro-2-methylphenol	0.114	0.129		13.158	
n-Nitrosodiphenylamine	0.599	0.558		-6.845	20.0
Azobenzene	1.473	1.368		-7.128	
2,4,6-Tribromophenol	0.292	0.323		10.616	
4-Bromophenyl-phenylether	0.250	0.243		-2.8	
Hexachlorobenzene	0.292	0.285		-2.397	
Atrazine	0.199	0.198		-0.503	
Pentachlorophenol	0.182	0.196		7.692	20.0
Phenanthrene	1.053	1.002		-4.843	
Anthracene	1.050	1.002		-4.571	
Carbazole	0.954	0.951		-0.314	
Di-n-butylphthalate	1.153	1.182		2.515	
Fluoranthene	1.286	1.292		0.467	20.0
Benzidine	0.418	0.382		-8.612	
Pyrene	1.412	1.333		-5.595	
Terphenyl-d14	1.216	1.199		-1.398	
Butylbenzylphthalate	0.527	0.536		1.708	
3,3-Dichlorobenzidine	0.513	0.511		-0.39	
Benzo(a)anthracene	1.408	1.350		-4.119	
Chrysene	1.337	1.266		-5.31	
Bis(2-ethylhexyl)phthalate	0.803	0.779		-2.989	
Di-n-octyl phthalate	1.412	1.370		-2.975	20.0
Benzo(b)fluoranthene	1.261	1.217		-3.489	
Benzo(k)fluoranthene	1.204	1.121		-6.894	
Benzo(a)pyrene	1.122	1.066		-4.991	20.0
Indeno(1,2,3-cd)pyrene	1.531	1.442		-5.813	
Dibenzo(a,h)anthracene	1.259	1.200		-4.686	
Benzo(g,h,i)perylene	1.277	1.200		-6.03	



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Instrument ID: BNA_P Calibration Date/Time: 2/9/2024 12:10:32

Lab File ID: BP019624.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.771	0.768		-0.389	
1,4-Dioxane	0.478	0.442		-7.531	20.0
2,3,4,6-Tetrachlorophenol	0.431	0.448		3.944	
1-Methylnaphthalene	0.746	0.707		-5.228	

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP020924 SAS No.: BP020924 SDG No.: BP020924

Instrument ID: BNA_P Calibration Date/Time: 2/9/2024 12:15:03

Lab File ID: BP019632.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.564	0.519		-7.979	50.0
Pyridine	1.296	1.174		-9.414	50.0
2-Fluorophenol	1.241	1.175		-5.318	50.0
Benzaldehyde	1.173	1.253		6.82	50.0
Aniline	1.626	1.506		-7.38	50.0
Phenol-d6	1.673	1.583		-5.38	50.0
Phenol	1.667	1.566		-6.059	50.0
bis(2-Chloroethyl)ether	1.297	1.205		-7.093	50.0
2-Chlorophenol	1.274	1.224		-3.925	50.0
1,2-Dichlorobenzene	1.528	1.448		-5.236	50.0
1,3-Dichlorobenzene	1.559	1.497		-3.977	50.0
1,4-Dichlorobenzene	1.579	1.534		-2.85	50.0
Benzyl Alcohol	1.337	1.220		-8.751	50.0
2-Methylphenol	1.123	1.036		-7.747	50.0
2,2-oxybis(1-Chloropropane)	1.297	1.173		-9.561	50.0
Acetophenone	0.570	0.541		-5.088	50.0
3+4-Methylphenols	1.532	1.420		-7.311	50.0
n-Nitroso-di-n-propylamine	1.143	1.007	0.050	-11.899	50.0
Nitrobenzene-d5	0.462	0.450		-2.597	50.0
Hexachloroethane	0.612	0.593		-3.105	50.0
Nitrobenzene	0.465	0.443		-4.731	50.0
Isophorone	0.804	0.754		-6.219	50.0
2-Nitrophenol	0.177	0.189		6.78	50.0
2,4-Dimethylphenol	0.227	0.216		-4.846	50.0
bis(2-Chloroethoxy)methane	0.455	0.434		-4.615	50.0
2,4-Dichlorophenol	0.343	0.341		-0.583	50.0
1,2,4-Trichlorobenzene	0.420	0.420		0.0	50.0
Benzoic acid	0.221	0.231		4.525	50.0
Naphthalene	1.097	1.051		-4.193	50.0
4-Chloroaniline	0.406	0.387		-4.68	50.0
Hexachlorobutadiene	0.311	0.321		3.215	50.0
Caprolactam	0.097	0.097		0.0	50.0
4-Chloro-3-methylphenol	0.373	0.369		-1.072	50.0
2-Methylnaphthalene	0.759	0.724		-4.611	50.0
Hexachlorocyclopentadiene	0.348	0.399	0.050	14.655	50.0
2,4,6-Trichlorophenol	0.467	0.479		2.57	50.0
2-Fluorobiphenyl	1.618	1.575		-2.658	50.0
2,4,5-Trichlorophenol	0.513	0.528		2.924	50.0
1,1-Biphenyl	1.596	1.535		-3.822	50.0
2-Chloronaphthalene	1.310	1.266		-3.359	50.0
2-Nitroaniline	0.366	0.373		1.913	50.0



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Lab File ID: BP019632.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.531	1.535		0.261	50.0
Acenaphthylene	1.838	1.778		-3.264	50.0
2,6-Dinitrotoluene	0.336	0.346		2.976	50.0
3-Nitroaniline	0.309	0.325		5.178	50.0
Acenaphthene	1.141	1.120		-1.84	50.0
2,4-Dinitrophenol	0.175	0.198	0.050	13.143	50.0
4-Nitrophenol	0.253	0.275	0.050	8.696	50.0
Dibenzofuran	1.858	1.812		-2.476	50.0
2,4-Dinitrotoluene	0.441	0.490		11.111	50.0
Diethylphthalate	1.523	1.559		2.364	50.0
4-Chlorophenyl-phenylether	0.832	0.841		1.082	50.0
Fluorene	1.480	1.464		-1.081	50.0
4-Nitroaniline	0.324	0.346		6.79	50.0
4,6-Dinitro-2-methylphenol	0.114	0.126		10.526	50.0
n-Nitrosodiphenylamine	0.599	0.557		-7.012	50.0
Azobenzene	1.473	1.431		-2.851	50.0
2,4,6-Tribromophenol	0.292	0.330		13.014	50.0
4-Bromophenyl-phenylether	0.250	0.193		-22.8	50.0
Hexachlorobenzene	0.292	0.283		-3.082	50.0
Atrazine	0.199	0.194		-2.513	50.0
Pentachlorophenol	0.182	0.197		8.242	50.0
Phenanthrene	1.053	1.007		-4.368	50.0
Anthracene	1.050	1.012		-3.619	50.0
Carbazole	0.954	0.954		0.0	50.0
Di-n-butylphthalate	1.153	1.185		2.775	50.0
Fluoranthene	1.286	1.330		3.421	50.0
Benzidine	0.418	0.396		-5.263	50.0
Pyrene	1.412	1.356		-3.966	50.0
Terphenyl-d14	1.216	1.203		-1.069	50.0
Butylbenzylphthalate	0.527	0.538		2.087	50.0
3,3-Dichlorobenzidine	0.513	0.493		-3.899	50.0
Benzo (a) anthracene	1.408	1.354		-3.835	50.0
Chrysene	1.337	1.266		-5.31	50.0
Bis (2-ethylhexyl) phthalate	0.803	0.783		-2.491	50.0
Di-n-octyl phthalate	1.412	1.356		-3.966	50.0
Benzo (b) fluoranthene	1.261	1.228		-2.617	50.0
Benzo (k) fluoranthene	1.204	1.146		-4.817	50.0
Benzo (a) pyrene	1.122	1.083		-3.476	50.0
Indeno (1,2,3-cd) pyrene	1.531	1.432		-6.466	50.0
Dibenzo (a,h) anthracene	1.259	1.194		-5.163	50.0
Benzo (g,h,i) perylene	1.277	1.189		-6.891	50.0



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EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.771	0.774		0.389	50.0
1,4-Dioxane	0.478	0.429		-10.251	50.0
2,3,4,6-Tetrachlorophenol	0.431	0.466		8.121	50.0
1-Methylnaphthalene	0.746	0.709		-4.96	50.0

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP020924 SAS No.: BP020924 SDG No.: BP020924

Instrument ID: BNA_P Calibration Date/Time: 2/9/2024 12:16:11

Lab File ID: BP019634.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.564	0.538		-4.61	
Pyridine	1.296	1.204		-7.099	
2-Fluorophenol	1.241	1.216		-2.015	
Benzaldehyde	1.173	1.315		12.106	
Aniline	1.626	1.596		-1.845	
Phenol-d6	1.673	1.664		-0.538	
Phenol	1.667	1.637		-1.8	20.0
bis(2-Chloroethyl)ether	1.297	1.286		-0.848	
2-Chlorophenol	1.274	1.289		1.177	
1,2-Dichlorobenzene	1.528	1.518		-0.654	
1,3-Dichlorobenzene	1.559	1.554		-0.321	
1,4-Dichlorobenzene	1.579	1.588		0.57	20.0
Benzyl Alcohol	1.337	1.317		-1.496	
2-Methylphenol	1.123	1.118		-0.445	
2,2-oxybis(1-Chloropropane)	1.297	1.236		-4.703	
Acetophenone	0.570	0.571		0.175	
3+4-Methylphenols	1.532	1.530		-0.131	
n-Nitroso-di-n-propylamine	1.143	1.082	0.050	-5.337	
Nitrobenzene-d5	0.462	0.464		0.433	
Hexachloroethane	0.612	0.611		-0.163	
Nitrobenzene	0.465	0.468		0.645	
Isophorone	0.804	0.789		-1.866	
2-Nitrophenol	0.177	0.196		10.734	20.0
2,4-Dimethylphenol	0.227	0.226		-0.441	
bis(2-Chloroethoxy)methane	0.455	0.451		-0.879	
2,4-Dichlorophenol	0.343	0.357		4.082	20.0
1,2,4-Trichlorobenzene	0.420	0.435		3.571	
Benzoic acid	0.221	0.242		9.502	
Naphthalene	1.097	1.106		0.82	
4-Chloroaniline	0.406	0.398		-1.97	
Hexachlorobutadiene	0.311	0.336		8.039	20.0
Caprolactam	0.097	0.092		-5.155	
4-Chloro-3-methylphenol	0.373	0.367		-1.609	20.0
2-Methylnaphthalene	0.759	0.756		-0.395	
Hexachlorocyclopentadiene	0.348	0.426	0.050	22.414	
2,4,6-Trichlorophenol	0.467	0.494		5.782	20.0
2-Fluorobiphenyl	1.618	1.653		2.163	
2,4,5-Trichlorophenol	0.513	0.539		5.068	
1,1-Biphenyl	1.596	1.597		0.063	
2-Chloronaphthalene	1.310	1.322		0.916	
2-Nitroaniline	0.366	0.370		1.093	

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 Lab File ID: BP019634.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.531	1.520		-0.718	
Acenaphthylene	1.838	1.828		-0.544	
2,6-Dinitrotoluene	0.336	0.349		3.869	
3-Nitroaniline	0.309	0.312		0.971	
Acenaphthene	1.141	1.131		-0.876	20.0
2,4-Dinitrophenol	0.175	0.193	0.050	10.286	
4-Nitrophenol	0.253	0.259	0.050	2.372	
Dibenzofuran	1.858	1.851		-0.377	
2,4-Dinitrotoluene	0.441	0.471		6.803	
Diethylphthalate	1.523	1.509		-0.919	
4-Chlorophenyl-phenylether	0.832	0.846		1.683	
Fluorene	1.480	1.472		-0.541	
4-Nitroaniline	0.324	0.325		0.309	
4,6-Dinitro-2-methylphenol	0.114	0.133		16.667	
n-Nitrosodiphenylamine	0.599	0.595		-0.668	20.0
Azobenzene	1.473	1.408		-4.413	
2,4,6-Tribromophenol	0.292	0.325		11.301	
4-Bromophenyl-phenylether	0.250	0.254		1.6	
Hexachlorobenzene	0.292	0.306		4.795	
Atrazine	0.199	0.201		1.005	
Pentachlorophenol	0.182	0.207		13.736	20.0
Phenanthrene	1.053	1.050		-0.285	
Anthracene	1.050	1.066		1.524	
Carbazole	0.954	0.965		1.153	
Di-n-butylphthalate	1.153	1.206		4.597	
Fluoranthene	1.286	1.331		3.499	20.0
Benzidine	0.418	0.402		-3.828	
Pyrene	1.412	1.426		0.992	
Terphenyl-d14	1.216	1.276		4.934	
Butylbenzylphthalate	0.527	0.560		6.262	
3,3-Dichlorobenzidine	0.513	0.540		5.263	
Benzo (a) anthracene	1.408	1.418		0.71	
Chrysene	1.337	1.352		1.122	
Bis (2-ethylhexyl) phthalate	0.803	0.813		1.245	
Di-n-octyl phthalate	1.412	1.410		-0.142	20.0
Benzo (b) fluoranthene	1.261	1.273		0.952	
Benzo (k) fluoranthene	1.204	1.218		1.163	
Benzo (a) pyrene	1.122	1.145		2.05	20.0
Indeno (1,2,3-cd) pyrene	1.531	1.538		0.457	
Dibenzo (a,h) anthracene	1.259	1.278		1.509	
Benzo (g,h,i) perylene	1.277	1.277		0.0	



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Lab File ID: BP019634.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.771	0.810		5.058	
1,4-Dioxane	0.478	0.435		-8.996	20.0
2,3,4,6-Tetrachlorophenol	0.431	0.459		6.497	
1-Methylnaphthalene	0.746	0.735		-1.475	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	PB158902BL	SDG No.:	BP020924
Lab Sample ID:	PB158902BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019625.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	77.3	U	77.3	270	330	ug/Kg
110-86-1	Pyridine	72.4	U	72.4	130	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	330	ug/Kg
62-53-3	Aniline	120	U	120	130	170	ug/Kg
108-95-2	Phenol	74.4	U	74.4	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.8	U	89.8	130	170	ug/Kg
95-57-8	2-Chlorophenol	72	U	72	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	81.7	U	81.7	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.5	U	88.5	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	82.4	U	82.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	98.8	U	98.8	270	330	ug/Kg
95-48-7	2-Methylphenol	110	U	110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	59	U	59	80	80	ug/Kg
67-72-1	Hexachloroethane	73.6	U	73.6	130	170	ug/Kg
98-95-3	Nitrobenzene	75.2	U	75.2	130	170	ug/Kg
78-59-1	Isophorone	68.1	U	68.1	130	170	ug/Kg
88-75-5	2-Nitrophenol	95.1	U	95.1	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	99.6	U	99.6	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	78.1	U	78.1	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	77.5	U	77.5	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	81.4	U	81.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	84	U	84	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.5	U	82.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	94.9	U	94.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	PB158902BL	SDG No.:	BP020924
Lab Sample ID:	PB158902BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019625.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	210	U	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.1	U	77.1	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.9	U	87.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	91.3	U	91.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.6	U	84.6	130	170	ug/Kg
88-74-4	2-Nitroaniline	99.3	U	99.3	130	170	ug/Kg
131-11-3	Dimethylphthalate	88.9	U	88.9	130	170	ug/Kg
208-96-8	Acenaphthylene	88.4	U	88.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	90	U	90	130	170	ug/Kg
99-09-2	3-Nitroaniline	93.4	U	93.4	130	170	ug/Kg
83-32-9	Acenaphthene	80.3	U	80.3	130	170	ug/Kg
Total PAH	Total PAH	1438.1	U	1438.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	76.9	U	76.9	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.9	U	99.9	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.9	U	189.9	130	340	ug/Kg
84-66-2	Diethylphthalate	85.9	U	85.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.4	U	90.4	130	170	ug/Kg
86-73-7	Fluorene	84.8	U	84.8	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.8	U	87.8	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.3	U	93.3	130	170	ug/Kg
103-33-3	Azobenzene	73.5	U	73.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.4	U	97.4	130	170	ug/Kg
118-74-1	Hexachlorobenzene	98.8	U	98.8	130	170	ug/Kg
1912-24-9	Atrazine	95.4	U	95.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	92.7	U	92.7	130	170	ug/Kg
120-12-7	Anthracene	100	U	100	130	170	ug/Kg
86-74-8	Carbazole	84.9	U	84.9	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	94.4	U	94.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	PB158902BL	SDG No.:	BP020924
Lab Sample ID:	PB158902BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019625.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	83.7	U	83.7	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	83.9	U	83.9	130	170	ug/Kg
218-01-9	Chrysene	86.8	U	86.8	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.3	U	80.3	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	88.1	U	88.1	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.3	U	94.3	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.5	U	96.5	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.5	U	92.5	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.4	U	89.4	130	170	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.9	U	82.9	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	90.2	U	90.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121.546		18-112		81	SPK: -150
13127-88-3	Phenol-d6	115.904		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	78.042		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	78.727		20-109		79	SPK: -100
118-79-6	2,4,6-Tribromophenol	131.967		10-110		88	SPK: -150
1718-51-0	Terphenyl-d14	90.532		14-112		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96510	7.911				
1146-65-2	Naphthalene-d8	354362	10.71				
15067-26-2	Acenaphthene-d10	220083	14.545				
1517-22-2	Phenanthrene-d10	454850	17.304				
1719-03-5	Chrysene-d12	349218	21.392				
1520-96-3	Perylene-d12	435809	23.816				



Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	PB158902BL	SDG No.:	BP020924
Lab Sample ID:	PB158902BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019625.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	94	A			5.034	

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	PB158902BS	SDG No.:	BP020924
Lab Sample ID:	PB158902BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019626.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		77.2	270	330	ug/Kg
110-86-1	Pyridine	1100		72.4	130	170	ug/Kg
100-52-7	Benzaldehyde	180	J	150	270	330	ug/Kg
62-53-3	Aniline	1000		120	130	170	ug/Kg
108-95-2	Phenol	1400		74.4	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		72	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1400		98.7	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		100	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		59	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		73.6	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		75.1	130	170	ug/Kg
78-59-1	Isophorone	1400		68.1	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		99.5	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		77.4	130	170	ug/Kg
65-85-0	Benzoic acid	1500		210	270	330	ug/Kg
91-20-3	Naphthalene	1400		81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	430		100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.9	130	170	ug/Kg
105-60-2	Caprolactam	1400		120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	PB158902BS	SDG No.:	BP020924
Lab Sample ID:	PB158902BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019626.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	4700	E	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		93.3	130	170	ug/Kg
83-32-9	Acenaphthene	1500		80.2	130	170	ug/Kg
Total PAH	Total PAH	24700		1436.7	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	110	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		76.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1100		189.7	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		99.8	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		90.3	130	170	ug/Kg
86-73-7	Fluorene	1500		84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		93.2	130	170	ug/Kg
103-33-3	Azobenzene	1400		73.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		98.7	130	170	ug/Kg
1912-24-9	Atrazine	1800		95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	3300	E	110	270	330	ug/Kg
85-01-8	Phenanthrene	1500		92.6	130	170	ug/Kg
120-12-7	Anthracene	1600		100	130	170	ug/Kg
86-74-8	Carbazole	1500		84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		100	130	170	ug/Kg
206-44-0	Fluoranthene	1500		94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	PB158902BS	SDG No.:	BP020924
Lab Sample ID:	PB158902BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019626.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	2100		190	270	330	ug/Kg
129-00-0	Pyrene	1500		83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		83.8	130	170	ug/Kg
218-01-9	Chrysene	1500		86.7	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		94.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		89.3	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.917		18-112		87	SPK: -150
13127-88-3	Phenol-d6	122.036		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	84.538		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	88.981		20-109		89	SPK: -100
118-79-6	2,4,6-Tribromophenol	145.72		10-110		97	SPK: -150
1718-51-0	Terphenyl-d14	91.698		14-112		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89497	7.911				
1146-65-2	Naphthalene-d8	321543	10.716				
15067-26-2	Acenaphthene-d10	182730	14.546				
1517-22-2	Phenanthrene-d10	374251	17.304				
1719-03-5	Chrysene-d12	341480	21.392				
1520-96-3	Perylene-d12	426149	23.816				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	PB158902BS	SDG No.:	BP020924
Lab Sample ID:	PB158902BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019626.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	T180-AOP	SDG No.:	BP020924
Lab Sample ID:	P1371-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BP019627.D	1	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2	U	2	8.1	10.1	ug/L
110-86-1	Pyridine	1.8	U	1.8	4	5.1	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8.1	10.1	ug/L
62-53-3	Aniline	2.4	U	2.4	4	5.1	ug/L
108-95-2	Phenol	1.5	U	1.5	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4	5.1	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	4	5.1	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8.1	10.1	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4	5.1	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8.1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1.7	U	1.7	4	5.1	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	4	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	4	5.1	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.1	U	2.1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4	5.1	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8.1	10.1	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4	5.1	ug/L
106-47-8	4-Chloroaniline	2.6	U	2.6	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.9	U	1.9	4	5.1	ug/L
105-60-2	Caprolactam	3.5	U	3.5	8.1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4	5.1	ug/L
91-57-6	2-Methylnaphthalene	2.3	U	2.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	T180-AOP	SDG No.:	BP020924
Lab Sample ID:	P1371-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019627.D	1	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.8	U	5.8	8.1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	4	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4	5.1	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4	5.1	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4	5.1	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4	5.1	ug/L
208-96-8	Acenaphthylene	2.2	U	2.2	4	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4	5.1	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4	5.1	ug/L
83-32-9	Acenaphthene	1.7	U	1.7	4	5.1	ug/L
Total PAH	Total PAH	31.2	U	31.2	4	81.6	ug/L
51-28-5	2,4-Dinitrophenol	5.5	U	5.5	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8.1	10.1	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.7	U	4.7	4	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	2.6	U	2.6	4	5.1	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	2.2	4	5.1	ug/L
86-73-7	Fluorene	2.1	U	2.1	4	5.1	ug/L
100-01-6	4-Nitroaniline	2.4	U	2.4	4	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8.1	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4	5.1	ug/L
103-33-3	Azobenzene	1.7	U	1.7	4	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4	5.1	ug/L
1912-24-9	Atrazine	3.5	U	3.5	4	5.1	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8.1	10.1	ug/L
85-01-8	Phenanthrene	2	U	2	4	5.1	ug/L
120-12-7	Anthracene	2.3	U	2.3	4	5.1	ug/L
86-74-8	Carbazole	1.7	U	1.7	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4	5.1	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	T180-AOP	SDG No.:	BP020924
Lab Sample ID:	P1371-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BP019627.D	1	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8.1	10.1	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5.1	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	3.2	U	3.2	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	2.5	U	2.5	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	56.102		10-139		37	SPK: -150
13127-88-3	Phenol-d6	31.593		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	93.032		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	93.134		52-132		93	SPK: -100
118-79-6	2,4,6-Tribromophenol	160.097		32-145		107	SPK: -150
1718-51-0	Terphenyl-d14	92.81		36-145		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82386	7.91				
1146-65-2	Naphthalene-d8	304873	10.71				
15067-26-2	Acenaphthene-d10	188683	14.545				
1517-22-2	Phenanthrene-d10	396414	17.298				
1719-03-5	Chrysene-d12	345773	21.392				
1520-96-3	Perylene-d12	429780	23.815				



Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	T180-AOP	SDG No.:	BP020924
Lab Sample ID:	P1371-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	PH :
		GPC Cleanup :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019627.D	1	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	RE137-CARBON-20240205	SDG No.:	BP020924
Lab Sample ID:	P1379-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019628.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	390	480	ug/Kg
110-86-1	Pyridine	110	U	110	190	250	ug/Kg
100-52-7	Benzaldehyde	220	U	220	390	480	ug/Kg
62-53-3	Aniline	170	U	170	190	250	ug/Kg
108-95-2	Phenol	110	U	110	190	250	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	190	250	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	190	250	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	190	250	ug/Kg
541-73-1	1,3-Dichlorobenzene	130	U	130	190	250	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	190	250	ug/Kg
100-51-6	Benzyl Alcohol	140	U	140	390	480	ug/Kg
95-48-7	2-Methylphenol	170	U	170	190	250	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	190	250	ug/Kg
98-86-2	Acetophenone	130	U	130	190	250	ug/Kg
65794-96-9	3+4-Methylphenols	160	U	160	390	480	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	85.7	U	85.7	120	120	ug/Kg
67-72-1	Hexachloroethane	110	U	110	190	250	ug/Kg
98-95-3	Nitrobenzene	110	U	110	190	250	ug/Kg
78-59-1	Isophorone	99	U	99	190	250	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	190	250	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	190	250	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	U	160	190	250	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	190	250	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	190	250	ug/Kg
65-85-0	Benzoic acid	310	U	310	390	480	ug/Kg
91-20-3	Naphthalene	120	U	120	190	250	ug/Kg
106-47-8	4-Chloroaniline	150	U	150	190	250	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	190	250	ug/Kg
105-60-2	Caprolactam	170	U	170	390	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	190	250	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	190	250	ug/Kg

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	RE137-CARBON-20240205	SDG No.:	BP020924
Lab Sample ID:	P1379-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019628.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	310	U	310	390	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	190	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	190	250	ug/Kg
92-52-4	1,1-Biphenyl	130	U	130	190	250	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	190	250	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	190	250	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	190	250	ug/Kg
208-96-8	Acenaphthylene	130	U	130	190	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	190	250	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	190	250	ug/Kg
83-32-9	Acenaphthene	120	U	120	190	250	ug/Kg
Total PAH	Total PAH	2100	U	2100	190	4000	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	390	480	ug/Kg
100-02-7	4-Nitrophenol	170	U	170	390	480	ug/Kg
132-64-9	Dibenzofuran	110	U	110	190	250	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	280	U	280	190	500	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	190	250	ug/Kg
84-66-2	Diethylphthalate	120	U	120	190	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	190	250	ug/Kg
86-73-7	Fluorene	120	U	120	190	250	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	190	250	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	390	480	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	U	140	190	250	ug/Kg
103-33-3	Azobenzene	110	U	110	190	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	190	250	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	190	250	ug/Kg
1912-24-9	Atrazine	140	U	140	190	250	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	390	480	ug/Kg
85-01-8	Phenanthrene	130	U	130	190	250	ug/Kg
120-12-7	Anthracene	150	U	150	190	250	ug/Kg
86-74-8	Carbazole	120	U	120	190	250	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	190	250	ug/Kg
206-44-0	Fluoranthene	140	U	140	190	250	ug/Kg

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	RE137-CARBON-20240205	SDG No.:	BP020924
Lab Sample ID:	P1379-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019628.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	280	U	280	390	480	ug/Kg
129-00-0	Pyrene	120	U	120	190	250	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	190	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	230	U	230	390	480	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	190	250	ug/Kg
218-01-9	Chrysene	130	U	130	190	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	190	250	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	390	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	U	120	190	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	190	250	ug/Kg
50-32-8	Benzo(a)pyrene	140	U	140	190	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	160	190	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	190	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	190	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	190	250	ug/Kg
123-91-1	1,4-Dioxane	170	U	170	190	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	190	250	ug/Kg
90-12-0	1-Methylnaphthalene	130	U	130	250	250	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	10.648	*	18-112		7	SPK: -150
13127-88-3	Phenol-d6	11.17	*	15-107		7	SPK: -150
4165-60-0	Nitrobenzene-d5	7.237	*	18-107		7	SPK: -100
321-60-8	2-Fluorobiphenyl	6.981	*	20-109		7	SPK: -100
118-79-6	2,4,6-Tribromophenol	8.973	*	10-110		6	SPK: -150
1718-51-0	Terphenyl-d14	4.762	*	14-112		5	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75841	7.91				
1146-65-2	Naphthalene-d8	272238	10.71				
15067-26-2	Acenaphthene-d10	168943	14.545				
1517-22-2	Phenanthrene-d10	369960	17.304				
1719-03-5	Chrysene-d12	369136	21.392				
1520-96-3	Perylene-d12	436553	23.816				



Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	RE137-CARBON-20240205	SDG No.:	BP020924
Lab Sample ID:	P1379-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	31.3
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019628.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000079-01-6	Trichloroethylene	590	J			3.317	
000079-00-5	Ethane, 1,1,2-trichloro-	790	J			4.205	
000057-10-3	n-Hexadecanoic acid	400	J			18.198	
000057-11-4	Octadecanoic acid	110	J			19.433	
074685-30-6	5-Eicosene, (E)-	300	J			21.122	

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BP020924
Lab Sample ID:	P1378-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019629.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.2	U	52.2	180	220	ug/Kg
110-86-1	Pyridine	48.8	U	48.8	87.7	110	ug/Kg
100-52-7	Benzaldehyde	99.8	U	99.8	180	220	ug/Kg
62-53-3	Aniline	78.9	U	78.9	87.7	110	ug/Kg
108-95-2	Phenol	50.2	U	50.2	87.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.6	U	60.6	87.7	110	ug/Kg
95-57-8	2-Chlorophenol	48.6	U	48.6	87.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.1	U	55.1	87.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.7	U	59.7	87.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.6	U	55.6	87.7	110	ug/Kg
100-51-6	Benzyl Alcohol	66.7	U	66.7	180	220	ug/Kg
95-48-7	2-Methylphenol	76.9	U	76.9	87.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70.8	U	70.8	87.7	110	ug/Kg
98-86-2	Acetophenone	58.5	U	58.5	87.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	72.9	U	72.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	39.8	U	39.8	54	54	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	87.7	110	ug/Kg
98-95-3	Nitrobenzene	50.7	U	50.7	87.7	110	ug/Kg
78-59-1	Isophorone	45.9	U	45.9	87.7	110	ug/Kg
88-75-5	2-Nitrophenol	64.2	U	64.2	87.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	67.2	U	67.2	87.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	75.6	U	75.6	87.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	52.7	U	52.7	87.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.3	U	52.3	87.7	110	ug/Kg
65-85-0	Benzoic acid	140	U	140	180	220	ug/Kg
91-20-3	Naphthalene	54.9	U	54.9	87.7	110	ug/Kg
106-47-8	4-Chloroaniline	70.8	U	70.8	87.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.7	U	56.7	87.7	110	ug/Kg
105-60-2	Caprolactam	78.9	U	78.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.7	U	55.7	87.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	64	U	64	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BP020924
Lab Sample ID:	P1378-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019629.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	87.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59.3	U	59.3	87.7	110	ug/Kg
92-52-4	1,1-Biphenyl	61.6	U	61.6	87.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	57.1	U	57.1	87.7	110	ug/Kg
88-74-4	2-Nitroaniline	67	U	67	87.7	110	ug/Kg
131-11-3	Dimethylphthalate	60	U	60	87.7	110	ug/Kg
208-96-8	Acenaphthylene	59.6	U	59.6	87.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	60.7	U	60.7	87.7	110	ug/Kg
99-09-2	3-Nitroaniline	63	U	63	87.7	110	ug/Kg
83-32-9	Acenaphthene	54.2	U	54.2	87.7	110	ug/Kg
Total PAH	Total PAH	969.5	U	969.5	87.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.9	U	76.9	180	220	ug/Kg
132-64-9	Dibenzofuran	51.9	U	51.9	87.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	28.1	U	128.1	87.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	67.4	U	67.4	87.7	110	ug/Kg
84-66-2	Diethylphthalate	58	U	58	87.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	87.7	110	ug/Kg
86-73-7	Fluorene	57.2	U	57.2	87.7	110	ug/Kg
100-01-6	4-Nitroaniline	70.2	U	70.2	87.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	59.2	U	59.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	62.9	U	62.9	87.7	110	ug/Kg
103-33-3	Azobenzene	49.6	U	49.6	87.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	65.7	U	65.7	87.7	110	ug/Kg
118-74-1	Hexachlorobenzene	66.7	U	66.7	87.7	110	ug/Kg
1912-24-9	Atrazine	64.4	U	64.4	87.7	110	ug/Kg
87-86-5	Pentachlorophenol	74.9	U	74.9	180	220	ug/Kg
85-01-8	Phenanthrene	62.5	U	62.5	87.7	110	ug/Kg
120-12-7	Anthracene	68.8	U	68.8	87.7	110	ug/Kg
86-74-8	Carbazole	57.3	U	57.3	87.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	70.2	U	70.2	87.7	110	ug/Kg
206-44-0	Fluoranthene	64.9	J	63.7	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BP020924
Lab Sample ID:	P1378-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019629.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	72.9	J	56.5	87.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	69.5	U	69.5	87.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	56.6	U	56.6	87.7	110	ug/Kg
218-01-9	Chrysene	58.6	U	58.6	87.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	77.6	U	77.6	87.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.1	J	54.2	87.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	59.4	U	59.4	87.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	63.6	U	63.6	87.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72.2	U	72.2	87.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65.1	U	65.1	87.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62.4	U	62.4	87.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.3	U	60.3	87.7	110	ug/Kg
123-91-1	1,4-Dioxane	78.9	U	78.9	87.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55.9	U	55.9	87.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	60.9	U	60.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110.361		18-112		74	SPK: -150
13127-88-3	Phenol-d6	109.755		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	73.719		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	72.499		20-109		72	SPK: -100
118-79-6	2,4,6-Tribromophenol	124.426		10-110		83	SPK: -150
1718-51-0	Terphenyl-d14	77.82		14-112		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70128	7.91				
1146-65-2	Naphthalene-d8	257612	10.71				
15067-26-2	Acenaphthene-d10	161185	14.545				
1517-22-2	Phenanthrene-d10	333309	17.298				
1719-03-5	Chrysene-d12	275940	21.392				
1520-96-3	Perylene-d12	340773	23.815				



Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BP020924
Lab Sample ID:	P1378-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019629.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	85.2	A			5.028	
000057-10-3	n-Hexadecanoic acid	180	J			18.198	
000057-11-4	Octadecanoic acid	58.9	J			19.433	
010192-32-2	1-Tetracosene	95.6	J			21.116	

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-5MS	SDG No.:	BP020924
Lab Sample ID:	P1378-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019630.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		52.1	180	220	ug/Kg
110-86-1	Pyridine	880		48.8	87.6	110	ug/Kg
100-52-7	Benzaldehyde	350		99.8	180	220	ug/Kg
62-53-3	Aniline	720		78.9	87.6	110	ug/Kg
108-95-2	Phenol	1000		50.2	87.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		60.5	87.6	110	ug/Kg
95-57-8	2-Chlorophenol	1000		48.5	87.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	980		55.1	87.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		59.7	87.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		55.5	87.6	110	ug/Kg
100-51-6	Benzyl Alcohol	1000		66.6	180	220	ug/Kg
95-48-7	2-Methylphenol	970		76.8	87.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	980		70.8	87.6	110	ug/Kg
98-86-2	Acetophenone	1000		58.4	87.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	950		72.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	910		39.8	53.9	53.9	ug/Kg
67-72-1	Hexachloroethane	1000		49.6	87.6	110	ug/Kg
98-95-3	Nitrobenzene	960		50.7	87.6	110	ug/Kg
78-59-1	Isophorone	970		45.9	87.6	110	ug/Kg
88-75-5	2-Nitrophenol	1100		64.1	87.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		67.1	87.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		75.5	87.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		52.6	87.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		52.2	87.6	110	ug/Kg
65-85-0	Benzoic acid	1100		140	180	220	ug/Kg
91-20-3	Naphthalene	1000		54.9	87.6	110	ug/Kg
106-47-8	4-Chloroaniline	330		70.8	87.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		56.6	87.6	110	ug/Kg
105-60-2	Caprolactam	1000		78.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	990		55.6	87.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	980		64	87.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-5MS	SDG No.:	BP020924
Lab Sample ID:	P1378-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019630.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	3200	E	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		52	87.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		59.3	87.6	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		61.5	87.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		57	87.6	110	ug/Kg
88-74-4	2-Nitroaniline	1100		66.9	87.6	110	ug/Kg
131-11-3	Dimethylphthalate	1100		59.9	87.6	110	ug/Kg
208-96-8	Acenaphthylene	1200		59.6	87.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		60.7	87.6	110	ug/Kg
99-09-2	3-Nitroaniline	800		63	87.6	110	ug/Kg
83-32-9	Acenaphthene	1000		54.1	87.6	110	ug/Kg
Total PAH	Total PAH	17500		968.9	87.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2400	E	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	2400	E	76.8	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		51.8	87.6	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		67.3	87.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		128	87.6	220	ug/Kg
84-66-2	Diethylphthalate	1100		57.9	87.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		60.9	87.6	110	ug/Kg
86-73-7	Fluorene	1100		57.2	87.6	110	ug/Kg
100-01-6	4-Nitroaniline	1100		70.1	87.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		59.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		62.9	87.6	110	ug/Kg
103-33-3	Azobenzene	1100		49.5	87.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		65.7	87.6	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		66.6	87.6	110	ug/Kg
1912-24-9	Atrazine	1300		64.3	87.6	110	ug/Kg
87-86-5	Pentachlorophenol	2200	E	74.8	180	220	ug/Kg
85-01-8	Phenanthrene	1100		62.5	87.6	110	ug/Kg
120-12-7	Anthracene	1100		68.8	87.6	110	ug/Kg
86-74-8	Carbazole	1100		57.2	87.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	1100		70.1	87.6	110	ug/Kg
206-44-0	Fluoranthene	1200		63.6	87.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-5MS	SDG No.:	BP020924
Lab Sample ID:	P1378-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019630.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1300		130	180	220	ug/Kg
129-00-0	Pyrene	1100		56.4	87.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	1100		69.4	87.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	940		110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1100		56.6	87.6	110	ug/Kg
218-01-9	Chrysene	1100		58.5	87.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		77.5	87.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		82.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		54.1	87.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		59.4	87.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		63.6	87.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		72.1	87.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		65.1	87.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		62.4	87.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		60.3	87.6	110	ug/Kg
123-91-1	1,4-Dioxane	920		78.9	87.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		55.9	87.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	940		60.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.922		18-112		67	SPK: -150
13127-88-3	Phenol-d6	94.041		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	65.69		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	67.486		20-109		67	SPK: -100
118-79-6	2,4,6-Tribromophenol	119.807		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	64.499		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82209	7.91				
1146-65-2	Naphthalene-d8	293728	10.71				
15067-26-2	Acenaphthene-d10	169364	14.545				
1517-22-2	Phenanthrene-d10	370834	17.298				
1719-03-5	Chrysene-d12	382996	21.392				
1520-96-3	Perylene-d12	479360	23.815				



Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-5MS	SDG No.:	BP020924
Lab Sample ID:	P1378-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019630.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-5MSD	SDG No.:	BP020924
Lab Sample ID:	P1378-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019631.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		52.1	180	220	ug/Kg
110-86-1	Pyridine	860		48.8	87.6	110	ug/Kg
100-52-7	Benzaldehyde	360		99.7	180	220	ug/Kg
62-53-3	Aniline	850		78.8	87.6	110	ug/Kg
108-95-2	Phenol	1100		50.1	87.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		60.5	87.6	110	ug/Kg
95-57-8	2-Chlorophenol	1100		48.5	87.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		55.1	87.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		59.6	87.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		55.5	87.6	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		66.6	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		76.8	87.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		70.8	87.6	110	ug/Kg
98-86-2	Acetophenone	1100		58.4	87.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		72.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	980		39.8	53.9	53.9	ug/Kg
67-72-1	Hexachloroethane	1000		49.6	87.6	110	ug/Kg
98-95-3	Nitrobenzene	1000		50.7	87.6	110	ug/Kg
78-59-1	Isophorone	1000		45.9	87.6	110	ug/Kg
88-75-5	2-Nitrophenol	1200		64.1	87.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		67.1	87.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		75.5	87.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		52.6	87.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		52.2	87.6	110	ug/Kg
65-85-0	Benzoic acid	1200		140	180	220	ug/Kg
91-20-3	Naphthalene	1000		54.9	87.6	110	ug/Kg
106-47-8	4-Chloroaniline	320		70.8	87.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		56.6	87.6	110	ug/Kg
105-60-2	Caprolactam	1000		78.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		55.6	87.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	1000		63.9	87.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-5MSD	SDG No.:	BP020924
Lab Sample ID:	P1378-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019631.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	3000	E	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		52	87.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		59.2	87.6	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		61.5	87.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	1100		57	87.6	110	ug/Kg
88-74-4	2-Nitroaniline	1100		66.9	87.6	110	ug/Kg
131-11-3	Dimethylphthalate	1100		59.9	87.6	110	ug/Kg
208-96-8	Acenaphthylene	1200		59.6	87.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		60.6	87.6	110	ug/Kg
99-09-2	3-Nitroaniline	740		62.9	87.6	110	ug/Kg
83-32-9	Acenaphthene	1100		54.1	87.6	110	ug/Kg
Total PAH	Total PAH	17800		968.3	87.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2200	E	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	2100	E	76.8	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		51.8	87.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		127.9	87.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		67.3	87.6	110	ug/Kg
84-66-2	Diethylphthalate	1000		57.9	87.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		60.9	87.6	110	ug/Kg
86-73-7	Fluorene	1000		57.1	87.6	110	ug/Kg
100-01-6	4-Nitroaniline	940		70.1	87.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		59.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		62.9	87.6	110	ug/Kg
103-33-3	Azobenzene	1000		49.5	87.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		65.6	87.6	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		66.6	87.6	110	ug/Kg
1912-24-9	Atrazine	1200		64.3	87.6	110	ug/Kg
87-86-5	Pentachlorophenol	2100	E	74.8	180	220	ug/Kg
85-01-8	Phenanthrene	1100		62.5	87.6	110	ug/Kg
120-12-7	Anthracene	1100		68.7	87.6	110	ug/Kg
86-74-8	Carbazole	1000		57.2	87.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		70.1	87.6	110	ug/Kg
206-44-0	Fluoranthene	1000		63.6	87.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-5MSD	SDG No.:	BP020924
Lab Sample ID:	P1378-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019631.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1400		130	180	220	ug/Kg
129-00-0	Pyrene	1300		56.4	87.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	1200		69.4	87.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	950		110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1100		56.5	87.6	110	ug/Kg
218-01-9	Chrysene	1100		58.5	87.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		77.5	87.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	980		82.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		54.1	87.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		59.4	87.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		63.5	87.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		72.1	87.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		65	87.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		62.3	87.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		60.2	87.6	110	ug/Kg
123-91-1	1,4-Dioxane	870		78.8	87.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		55.9	87.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	990		60.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106.236		18-112		71	SPK: -150
13127-88-3	Phenol-d6	103.483		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	68.976		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	68.763		20-109		69	SPK: -100
118-79-6	2,4,6-Tribromophenol	111.005		10-110		74	SPK: -150
1718-51-0	Terphenyl-d14	74.674		14-112		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94251	7.91				
1146-65-2	Naphthalene-d8	345962	10.71				
15067-26-2	Acenaphthene-d10	206386	14.545				
1517-22-2	Phenanthrene-d10	396497	17.304				
1719-03-5	Chrysene-d12	297066	21.392				
1520-96-3	Perylene-d12	383822	23.815				



Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-5MSD	SDG No.:	BP020924
Lab Sample ID:	P1378-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019631.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	PB158806TB	SDG No.:	BP020924
Lab Sample ID:	PB158806TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019635.D	1	2/5/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	PB158806TB	SDG No.:	BP020924
Lab Sample ID:	PB158806TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019635.D	1	2/5/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	PB158806TB	SDG No.:	BP020924
Lab Sample ID:	PB158806TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019635.D	1	2/5/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	133.332		10-139		89	SPK: -150
13127-88-3	Phenol-d6	125.865		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	84.033		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	84.043		52-132		84	SPK: -100
118-79-6	2,4,6-Tribromophenol	141.419		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	99.765		36-145		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95227	7.91				
1146-65-2	Naphthalene-d8	351776	10.71				
15067-26-2	Acenaphthene-d10	227067	14.54				
1517-22-2	Phenanthrene-d10	473393	17.298				
1719-03-5	Chrysene-d12	357362	21.386				
1520-96-3	Perylene-d12	412785	23.81				

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	PB158806TB	SDG No.:	BP020924
Lab Sample ID:	PB158806TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019635.D	1	2/5/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch4DL3	SDG No.:	BP020924
Lab Sample ID:	P1372-05DL3	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019636.D	80	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	160	U	160	650	820	ug/L
110-86-1	Pyridine	150	U	150	330	410	ug/L
100-52-7	Benzaldehyde	270	U	270	650	820	ug/L
62-53-3	Aniline	200	U	200	330	410	ug/L
108-95-2	Phenol	120	U	120	330	410	ug/L
111-44-4	bis(2-Chloroethyl)ether	130	U	130	330	410	ug/L
95-57-8	2-Chlorophenol	110	U	110	330	410	ug/L
95-50-1	1,2-Dichlorobenzene	100	U	100	330	410	ug/L
541-73-1	1,3-Dichlorobenzene	140	U	140	330	410	ug/L
106-46-7	1,4-Dichlorobenzene	120	U	120	330	410	ug/L
100-51-6	Benzyl Alcohol	190	U	190	650	820	ug/L
95-48-7	2-Methylphenol	170	U	170	330	410	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	330	410	ug/L
98-86-2	Acetophenone	150	U	150	330	410	ug/L
65794-96-9	3+4-Methylphenols	180	U	180	650	820	ug/L
621-64-7	n-Nitroso-di-n-propylamine	160	U	160	200	200	ug/L
67-72-1	Hexachloroethane	130	U	130	330	410	ug/L
98-95-3	Nitrobenzene	140	U	140	330	410	ug/L
78-59-1	Isophorone	140	U	140	330	410	ug/L
88-75-5	2-Nitrophenol	190	U	190	330	410	ug/L
105-67-9	2,4-Dimethylphenol	240	U	240	330	410	ug/L
111-91-1	bis(2-Chloroethoxy)methane	170	U	170	330	410	ug/L
120-83-2	2,4-Dichlorophenol	140	U	140	330	410	ug/L
120-82-1	1,2,4-Trichlorobenzene	140	U	140	330	410	ug/L
65-85-0	Benzoic acid	540	U	540	650	820	ug/L
91-20-3	Naphthalene	4700	D	140	330	410	ug/L
106-47-8	4-Chloroaniline	210	U	210	330	410	ug/L
87-68-3	Hexachlorobutadiene	160	U	160	330	410	ug/L
105-60-2	Caprolactam	280	U	280	650	820	ug/L
59-50-7	4-Chloro-3-methylphenol	140	U	140	330	410	ug/L
91-57-6	2-Methylnaphthalene	180	U	180	330	410	ug/L

Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch4DL3	SDG No.:	BP020924
Lab Sample ID:	P1372-05DL3	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019636.D	80	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	470	U	470	650	820	ug/L
88-06-2	2,4,6-Trichlorophenol	120	U	120	330	410	ug/L
95-95-4	2,4,5-Trichlorophenol	130	U	130	330	410	ug/L
92-52-4	1,1-Biphenyl	150	U	150	330	410	ug/L
91-58-7	2-Chloronaphthalene	130	U	130	330	410	ug/L
88-74-4	2-Nitroaniline	190	U	190	330	410	ug/L
131-11-3	Dimethylphthalate	150	U	150	330	410	ug/L
208-96-8	Acenaphthylene	170	U	170	330	410	ug/L
606-20-2	2,6-Dinitrotoluene	170	U	170	330	410	ug/L
99-09-2	3-Nitroaniline	190	U	190	330	410	ug/L
83-32-9	Acenaphthene	140	U	140	330	410	ug/L
Total PAH	Total PAH	4700	UD	2520	330	6560	ug/L
51-28-5	2,4-Dinitrophenol	440	U	440	650	820	ug/L
100-02-7	4-Nitrophenol	230	U	230	650	820	ug/L
132-64-9	Dibenzofuran	130	U	130	330	410	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	380	U	380	330	820	ug/L
121-14-2	2,4-Dinitrotoluene	210	U	210	330	410	ug/L
84-66-2	Diethylphthalate	170	U	170	330	410	ug/L
7005-72-3	4-Chlorophenyl-phenylether	180	U	180	330	410	ug/L
86-73-7	Fluorene	170	U	170	330	410	ug/L
100-01-6	4-Nitroaniline	190	U	190	330	410	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	650	820	ug/L
86-30-6	n-Nitrosodiphenylamine	160	U	160	330	410	ug/L
103-33-3	Azobenzene	130	U	130	330	410	ug/L
101-55-3	4-Bromophenyl-phenylether	160	U	160	330	410	ug/L
118-74-1	Hexachlorobenzene	160	U	160	330	410	ug/L
1912-24-9	Atrazine	290	U	290	330	410	ug/L
87-86-5	Pentachlorophenol	210	U	210	650	820	ug/L
85-01-8	Phenanthrene	160	U	160	330	410	ug/L
120-12-7	Anthracene	190	U	190	330	410	ug/L
86-74-8	Carbazole	140	U	140	330	410	ug/L
84-74-2	Di-n-butylphthalate	200	U	200	330	410	ug/L
206-44-0	Fluoranthene	170	U	170	330	410	ug/L

Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch4DL3	SDG No.:	BP020924
Lab Sample ID:	P1372-05DL3	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019636.D	80	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	540	U	540	650	820	ug/L
129-00-0	Pyrene	150	U	150	330	410	ug/L
85-68-7	Butylbenzylphthalate	230	U	230	330	410	ug/L
91-94-1	3,3-Dichlorobenzidine	440	U	440	650	820	ug/L
56-55-3	Benzo(a)anthracene	120	U	120	330	410	ug/L
218-01-9	Chrysene	130	U	130	330	410	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	240	U	240	330	410	ug/L
117-84-0	Di-n-octyl phthalate	260	U	260	650	820	ug/L
205-99-2	Benzo(b)fluoranthene	120	U	120	330	410	ug/L
207-08-9	Benzo(k)fluoranthene	150	U	150	330	410	ug/L
50-32-8	Benzo(a)pyrene	220	U	220	330	410	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	170	330	410	ug/L
53-70-3	Dibenzo(a,h)anthracene	160	U	160	330	410	ug/L
191-24-2	Benzo(g,h,i)perylene	160	U	160	330	410	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	170	330	410	ug/L
123-91-1	1,4-Dioxane	200	U	200	330	410	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	330	410	ug/L
90-12-0	1-Methylnaphthalene	460	D	170	330	410	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	62.32		10-139		42	SPK: -150
13127-88-3	Phenol-d6	33.36		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	99.28		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	97.84		52-132		98	SPK: -100
118-79-6	2,4,6-Tribromophenol	153.28		32-145		102	SPK: -150
1718-51-0	Terphenyl-d14	102.4		36-145		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81199	7.904				
1146-65-2	Naphthalene-d8	311566	10.71				
15067-26-2	Acenaphthene-d10	204577	14.539				
1517-22-2	Phenanthrene-d10	453264	17.298				
1719-03-5	Chrysene-d12	473318	21.386				
1520-96-3	Perylene-d12	525607	23.81				

Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch4DL3	SDG No.:	BP020924
Lab Sample ID:	P1372-05DL3	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019636.D	80	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	HD-01-020724DL	SDG No.:	BP020924
Lab Sample ID:	P1387-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019637.D	10	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	540	U	540	1900	2300	ug/Kg
110-86-1	Pyridine	500	U	500	910	1200	ug/Kg
100-52-7	Benzaldehyde	1000	U	1000	1900	2300	ug/Kg
62-53-3	Aniline	820	U	820	910	1200	ug/Kg
108-95-2	Phenol	520	U	520	910	1200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	630	U	630	910	1200	ug/Kg
95-57-8	2-Chlorophenol	500	U	500	910	1200	ug/Kg
95-50-1	1,2-Dichlorobenzene	570	U	570	910	1200	ug/Kg
541-73-1	1,3-Dichlorobenzene	620	U	620	910	1200	ug/Kg
106-46-7	1,4-Dichlorobenzene	570	U	570	910	1200	ug/Kg
100-51-6	Benzyl Alcohol	690	U	690	1900	2300	ug/Kg
95-48-7	2-Methylphenol	790	U	790	910	1200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	730	U	730	910	1200	ug/Kg
98-86-2	Acetophenone	600	U	600	910	1200	ug/Kg
65794-96-9	3+4-Methylphenols	750	U	750	1900	2300	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	410	U	410	560	560	ug/Kg
67-72-1	Hexachloroethane	510	U	510	910	1200	ug/Kg
98-95-3	Nitrobenzene	520	U	520	910	1200	ug/Kg
78-59-1	Isophorone	470	U	470	910	1200	ug/Kg
88-75-5	2-Nitrophenol	660	U	660	910	1200	ug/Kg
105-67-9	2,4-Dimethylphenol	690	U	690	910	1200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	780	U	780	910	1200	ug/Kg
120-83-2	2,4-Dichlorophenol	540	U	540	910	1200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	540	U	540	910	1200	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1900	2300	ug/Kg
91-20-3	Naphthalene	1600	D	570	910	1200	ug/Kg
106-47-8	4-Chloroaniline	730	U	730	910	1200	ug/Kg
87-68-3	Hexachlorobutadiene	590	U	590	910	1200	ug/Kg
105-60-2	Caprolactam	820	U	820	1900	2300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	580	U	580	910	1200	ug/Kg
91-57-6	2-Methylnaphthalene	1600	D	660	910	1200	ug/Kg

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	HD-01-020724DL	SDG No.:	BP020924
Lab Sample ID:	P1387-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019637.D	10	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1500	U	1500	1900	2300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	540	U	540	910	1200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	610	U	610	910	1200	ug/Kg
92-52-4	1,1-Biphenyl	640	U	640	910	1200	ug/Kg
91-58-7	2-Chloronaphthalene	590	U	590	910	1200	ug/Kg
88-74-4	2-Nitroaniline	690	U	690	910	1200	ug/Kg
131-11-3	Dimethylphthalate	620	U	620	910	1200	ug/Kg
208-96-8	Acenaphthylene	1600	D	620	910	1200	ug/Kg
606-20-2	2,6-Dinitrotoluene	630	U	630	910	1200	ug/Kg
99-09-2	3-Nitroaniline	650	U	650	910	1200	ug/Kg
83-32-9	Acenaphthene	1200	D	560	910	1200	ug/Kg
Total PAH	Total PAH	55900	D	10020	910	19200	ug/Kg
51-28-5	2,4-Dinitrophenol	1300	U	1300	1900	2300	ug/Kg
100-02-7	4-Nitrophenol	790	U	790	1900	2300	ug/Kg
132-64-9	Dibenzofuran	920	JD	540	910	1200	ug/Kg
121-14-2	2,4-Dinitrotoluene	700	U	700	910	1200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	330	U	1330	910	2400	ug/Kg
84-66-2	Diethylphthalate	600	U	600	910	1200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	630	U	630	910	1200	ug/Kg
86-73-7	Fluorene	2500	D	590	910	1200	ug/Kg
100-01-6	4-Nitroaniline	730	U	730	910	1200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	610	U	610	1900	2300	ug/Kg
86-30-6	n-Nitrosodiphenylamine	650	U	650	910	1200	ug/Kg
103-33-3	Azobenzene	510	U	510	910	1200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	680	U	680	910	1200	ug/Kg
118-74-1	Hexachlorobenzene	690	U	690	910	1200	ug/Kg
1912-24-9	Atrazine	670	U	670	910	1200	ug/Kg
87-86-5	Pentachlorophenol	770	U	770	1900	2300	ug/Kg
85-01-8	Phenanthrene	9400	D	650	910	1200	ug/Kg
120-12-7	Anthracene	2900	D	710	910	1200	ug/Kg
86-74-8	Carbazole	810	JD	590	910	1200	ug/Kg
84-74-2	Di-n-butylphthalate	730	U	730	910	1200	ug/Kg
206-44-0	Fluoranthene	8900	D	660	910	1200	ug/Kg

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	HD-01-020724DL	SDG No.:	BP020924
Lab Sample ID:	P1387-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019637.D	10	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1300	U	1300	1900	2300	ug/Kg
129-00-0	Pyrene	8000	D	580	910	1200	ug/Kg
85-68-7	Butylbenzylphthalate	720	U	720	910	1200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100	U	1100	1900	2300	ug/Kg
56-55-3	Benzo(a)anthracene	3800	D	580	910	1200	ug/Kg
218-01-9	Chrysene	3500	D	610	910	1200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	800	U	800	910	1200	ug/Kg
117-84-0	Di-n-octyl phthalate	860	U	860	1900	2300	ug/Kg
205-99-2	Benzo(b)fluoranthene	3800	D	560	910	1200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500	D	610	910	1200	ug/Kg
50-32-8	Benzo(a)pyrene	3700	D	660	910	1200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600	D	750	910	1200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	670	U	670	910	1200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900	D	640	910	1200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	620	U	620	910	1200	ug/Kg
123-91-1	1,4-Dioxane	820	U	820	910	1200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	580	U	580	910	1200	ug/Kg
90-12-0	1-Methylnaphthalene	1600	D	630	1200	1200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.65		18-112		61	SPK: -150
13127-88-3	Phenol-d6	88.62		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	59.52		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	62.12		20-109		62	SPK: -100
118-79-6	2,4,6-Tribromophenol	100.64		10-110		67	SPK: -150
1718-51-0	Terphenyl-d14	60.97		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98519	7.905				
1146-65-2	Naphthalene-d8	363374	10.705				
15067-26-2	Acenaphthene-d10	223514	14.54				
1517-22-2	Phenanthrene-d10	489298	17.298				
1719-03-5	Chrysene-d12	518048	21.392				
1520-96-3	Perylene-d12	596673	23.81				



Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	HD-01-020724DL	SDG No.:	BP020924
Lab Sample ID:	P1387-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019637.D	10	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch5DL	SDG No.:	BP020924
Lab Sample ID:	P1372-06DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019638.D	5	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.4	U	10.4	41.2	51.5	ug/L
110-86-1	Pyridine	9.2	U	9.2	20.6	25.8	ug/L
100-52-7	Benzaldehyde	16.9	U	16.9	41.2	51.5	ug/L
62-53-3	Aniline	12.5	U	12.5	20.6	25.8	ug/L
108-95-2	Phenol	11.8	JD	7.6	20.6	25.8	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.5	U	8.5	20.6	25.8	ug/L
95-57-8	2-Chlorophenol	7	U	7	20.6	25.8	ug/L
95-50-1	1,2-Dichlorobenzene	6.4	U	6.4	20.6	25.8	ug/L
541-73-1	1,3-Dichlorobenzene	9	U	9	20.6	25.8	ug/L
106-46-7	1,4-Dichlorobenzene	7.4	U	7.4	20.6	25.8	ug/L
100-51-6	Benzyl Alcohol	12.3	U	12.3	41.2	51.5	ug/L
95-48-7	2-Methylphenol	10.6	U	10.6	20.6	25.8	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	11.6	U	11.6	20.6	25.8	ug/L
98-86-2	Acetophenone	9.2	U	9.2	20.6	25.8	ug/L
65794-96-9	3+4-Methylphenols	260	D	11.1	41.2	51.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10.2	U	10.2	12.9	12.9	ug/L
67-72-1	Hexachloroethane	8.5	U	8.5	20.6	25.8	ug/L
98-95-3	Nitrobenzene	8.9	U	8.9	20.6	25.8	ug/L
78-59-1	Isophorone	8.8	U	8.8	20.6	25.8	ug/L
88-75-5	2-Nitrophenol	12.3	U	12.3	20.6	25.8	ug/L
105-67-9	2,4-Dimethylphenol	15.3	U	15.3	20.6	25.8	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.5	U	10.5	20.6	25.8	ug/L
120-83-2	2,4-Dichlorophenol	8.7	U	8.7	20.6	25.8	ug/L
120-82-1	1,2,4-Trichlorobenzene	8.8	U	8.8	20.6	25.8	ug/L
65-85-0	Benzoic acid	34.3	U	34.3	41.2	51.5	ug/L
91-20-3	Naphthalene	270	D	8.7	20.6	25.8	ug/L
106-47-8	4-Chloroaniline	13.1	U	13.1	20.6	25.8	ug/L
87-68-3	Hexachlorobutadiene	9.9	U	9.9	20.6	25.8	ug/L
105-60-2	Caprolactam	17.7	U	17.7	41.2	51.5	ug/L
59-50-7	4-Chloro-3-methylphenol	9	U	9	20.6	25.8	ug/L
91-57-6	2-Methylnaphthalene	11.5	U	11.5	20.6	25.8	ug/L

Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch5DL	SDG No.:	BP020924
Lab Sample ID:	P1372-06DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019638.D	5	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	29.6	U	29.6	41.2	51.5	ug/L
88-06-2	2,4,6-Trichlorophenol	7.8	U	7.8	20.6	25.8	ug/L
95-95-4	2,4,5-Trichlorophenol	8.1	U	8.1	20.6	25.8	ug/L
92-52-4	1,1-Biphenyl	9.2	U	9.2	20.6	25.8	ug/L
91-58-7	2-Chloronaphthalene	8.2	U	8.2	20.6	25.8	ug/L
88-74-4	2-Nitroaniline	12.2	U	12.2	20.6	25.8	ug/L
131-11-3	Dimethylphthalate	9.7	U	9.7	20.6	25.8	ug/L
208-96-8	Acenaphthylene	21.9	JD	11	20.6	25.8	ug/L
606-20-2	2,6-Dinitrotoluene	10.8	U	10.8	20.6	25.8	ug/L
99-09-2	3-Nitroaniline	12.2	U	12.2	20.6	25.8	ug/L
83-32-9	Acenaphthene	21.2	JD	8.9	20.6	25.8	ug/L
Total PAH	Total PAH	313.1	JD	159.2	20.6	412.8	ug/L
51-28-5	2,4-Dinitrophenol	28.1	U	28.1	41.2	51.5	ug/L
100-02-7	4-Nitrophenol	14.4	U	14.4	41.2	51.5	ug/L
132-64-9	Dibenzofuran	8.1	U	8.1	20.6	25.8	ug/L
121-14-2	2,4-Dinitrotoluene	13.1	U	13.1	20.6	25.8	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	23.9	U	23.9	20.6	51.6	ug/L
84-66-2	Diethylphthalate	10.6	U	10.6	20.6	25.8	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11.4	U	11.4	20.6	25.8	ug/L
86-73-7	Fluorene	10.5	U	10.5	20.6	25.8	ug/L
100-01-6	4-Nitroaniline	12.1	U	12.1	20.6	25.8	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	9.3	U	9.3	41.2	51.5	ug/L
86-30-6	n-Nitrosodiphenylamine	10.1	U	10.1	20.6	25.8	ug/L
103-33-3	Azobenzene	8.5	U	8.5	20.6	25.8	ug/L
101-55-3	4-Bromophenyl-phenylether	10.1	U	10.1	20.6	25.8	ug/L
118-74-1	Hexachlorobenzene	9.8	U	9.8	20.6	25.8	ug/L
1912-24-9	Atrazine	18	U	18	20.6	25.8	ug/L
87-86-5	Pentachlorophenol	13.1	U	13.1	41.2	51.5	ug/L
85-01-8	Phenanthrene	10.3	U	10.3	20.6	25.8	ug/L
120-12-7	Anthracene	11.8	U	11.8	20.6	25.8	ug/L
86-74-8	Carbazole	8.8	U	8.8	20.6	25.8	ug/L
84-74-2	Di-n-butylphthalate	12.4	U	12.4	20.6	25.8	ug/L
206-44-0	Fluoranthene	10.6	U	10.6	20.6	25.8	ug/L

Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch5DL	SDG No.:	BP020924
Lab Sample ID:	P1372-06DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019638.D	5	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	33.9	U	33.9	41.2	51.5	ug/L
129-00-0	Pyrene	9.7	U	9.7	20.6	25.8	ug/L
85-68-7	Butylbenzylphthalate	14.4	U	14.4	20.6	25.8	ug/L
91-94-1	3,3-Dichlorobenzidine	27.7	U	27.7	41.2	51.5	ug/L
56-55-3	Benzo(a)anthracene	7.5	U	7.5	20.6	25.8	ug/L
218-01-9	Chrysene	8.1	U	8.1	20.6	25.8	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15.1	U	15.1	20.6	25.8	ug/L
117-84-0	Di-n-octyl phthalate	16.1	U	16.1	41.2	51.5	ug/L
205-99-2	Benzo(b)fluoranthene	7.7	U	7.7	20.6	25.8	ug/L
207-08-9	Benzo(k)fluoranthene	9.6	U	9.6	20.6	25.8	ug/L
50-32-8	Benzo(a)pyrene	13.9	U	13.9	20.6	25.8	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.8	U	10.8	20.6	25.8	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.2	U	10.2	20.6	25.8	ug/L
191-24-2	Benzo(g,h,i)perylene	9.9	U	9.9	20.6	25.8	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.6	U	10.6	20.6	25.8	ug/L
123-91-1	1,4-Dioxane	12.6	U	12.6	20.6	25.8	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	6.8	U	6.8	20.6	25.8	ug/L
90-12-0	1-Methylnaphthalene	60.3	D	10.7	20.6	25.8	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	70.27		10-139		47	SPK: -150
13127-88-3	Phenol-d6	40.715		10-134		27	SPK: -150
4165-60-0	Nitrobenzene-d5	106.855		49-133		107	SPK: -100
321-60-8	2-Fluorobiphenyl	107.575		52-132		108	SPK: -100
118-79-6	2,4,6-Tribromophenol	179.3		32-145		120	SPK: -150
1718-51-0	Terphenyl-d14	103.635		36-145		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83735	7.905				
1146-65-2	Naphthalene-d8	313065	10.71				
15067-26-2	Acenaphthene-d10	201018	14.539				
1517-22-2	Phenanthrene-d10	432862	17.298				
1719-03-5	Chrysene-d12	430274	21.386				
1520-96-3	Perylene-d12	522931	23.81				



Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch5DL	SDG No.:	BP020924
Lab Sample ID:	P1372-06DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			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
BP019638.D	5	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch6DL	SDG No.:	BP020924
Lab Sample ID:	P1372-07DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019639.D	5	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.2	U	10.2	40.4	50.5	ug/L
110-86-1	Pyridine	9	U	9	20.2	25.3	ug/L
100-52-7	Benzaldehyde	16.6	U	16.6	40.4	50.5	ug/L
62-53-3	Aniline	12.2	U	12.2	20.2	25.3	ug/L
108-95-2	Phenol	7.5	U	7.5	20.2	25.3	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.3	U	8.3	20.2	25.3	ug/L
95-57-8	2-Chlorophenol	6.8	U	6.8	20.2	25.3	ug/L
95-50-1	1,2-Dichlorobenzene	6.3	U	6.3	20.2	25.3	ug/L
541-73-1	1,3-Dichlorobenzene	8.8	U	8.8	20.2	25.3	ug/L
106-46-7	1,4-Dichlorobenzene	7.2	U	7.2	20.2	25.3	ug/L
100-51-6	Benzyl Alcohol	12	U	12	40.4	50.5	ug/L
95-48-7	2-Methylphenol	10.4	U	10.4	20.2	25.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	11.4	U	11.4	20.2	25.3	ug/L
98-86-2	Acetophenone	9	U	9	20.2	25.3	ug/L
65794-96-9	3+4-Methylphenols	190	D	10.9	40.4	50.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10	U	10	12.6	12.6	ug/L
67-72-1	Hexachloroethane	8.3	U	8.3	20.2	25.3	ug/L
98-95-3	Nitrobenzene	8.7	U	8.7	20.2	25.3	ug/L
78-59-1	Isophorone	8.6	U	8.6	20.2	25.3	ug/L
88-75-5	2-Nitrophenol	12	U	12	20.2	25.3	ug/L
105-67-9	2,4-Dimethylphenol	14.9	U	14.9	20.2	25.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.3	U	10.3	20.2	25.3	ug/L
120-83-2	2,4-Dichlorophenol	8.5	U	8.5	20.2	25.3	ug/L
120-82-1	1,2,4-Trichlorobenzene	8.6	U	8.6	20.2	25.3	ug/L
65-85-0	Benzoic acid	33.6	U	33.6	40.4	50.5	ug/L
91-20-3	Naphthalene	310	D	8.5	20.2	25.3	ug/L
106-47-8	4-Chloroaniline	12.8	U	12.8	20.2	25.3	ug/L
87-68-3	Hexachlorobutadiene	9.7	U	9.7	20.2	25.3	ug/L
105-60-2	Caprolactam	17.3	U	17.3	40.4	50.5	ug/L
59-50-7	4-Chloro-3-methylphenol	8.8	U	8.8	20.2	25.3	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	20.2	25.3	ug/L

Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch6DL	SDG No.:	BP020924
Lab Sample ID:	P1372-07DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019639.D	5	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	29	U	29	40.4	50.5	ug/L
88-06-2	2,4,6-Trichlorophenol	7.7	U	7.7	20.2	25.3	ug/L
95-95-4	2,4,5-Trichlorophenol	7.9	U	7.9	20.2	25.3	ug/L
92-52-4	1,1-Biphenyl	9	U	9	20.2	25.3	ug/L
91-58-7	2-Chloronaphthalene	8	U	8	20.2	25.3	ug/L
88-74-4	2-Nitroaniline	12	U	12	20.2	25.3	ug/L
131-11-3	Dimethylphthalate	9.5	U	9.5	20.2	25.3	ug/L
208-96-8	Acenaphthylene	10.8	U	10.8	20.2	25.3	ug/L
606-20-2	2,6-Dinitrotoluene	10.6	U	10.6	20.2	25.3	ug/L
99-09-2	3-Nitroaniline	11.9	U	11.9	20.2	25.3	ug/L
83-32-9	Acenaphthene	8.7	U	8.7	20.2	25.3	ug/L
Total PAH	Total PAH	310	UD	155.9	20.2	404.8	ug/L
51-28-5	2,4-Dinitrophenol	27.5	U	27.5	40.4	50.5	ug/L
100-02-7	4-Nitrophenol	14.1	U	14.1	40.4	50.5	ug/L
132-64-9	Dibenzofuran	8	U	8	20.2	25.3	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	23.4	U	23.4	20.2	50.6	ug/L
121-14-2	2,4-Dinitrotoluene	12.8	U	12.8	20.2	25.3	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	20.2	25.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11.2	U	11.2	20.2	25.3	ug/L
86-73-7	Fluorene	10.3	U	10.3	20.2	25.3	ug/L
100-01-6	4-Nitroaniline	11.8	U	11.8	20.2	25.3	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	9.1	U	9.1	40.4	50.5	ug/L
86-30-6	n-Nitrosodiphenylamine	9.8	U	9.8	20.2	25.3	ug/L
103-33-3	Azobenzene	8.3	U	8.3	20.2	25.3	ug/L
101-55-3	4-Bromophenyl-phenylether	9.8	U	9.8	20.2	25.3	ug/L
118-74-1	Hexachlorobenzene	9.6	U	9.6	20.2	25.3	ug/L
1912-24-9	Atrazine	17.7	U	17.7	20.2	25.3	ug/L
87-86-5	Pentachlorophenol	12.9	U	12.9	40.4	50.5	ug/L
85-01-8	Phenanthrene	10.1	U	10.1	20.2	25.3	ug/L
120-12-7	Anthracene	11.5	U	11.5	20.2	25.3	ug/L
86-74-8	Carbazole	8.6	U	8.6	20.2	25.3	ug/L
84-74-2	Di-n-butylphthalate	12.1	U	12.1	20.2	25.3	ug/L
206-44-0	Fluoranthene	10.4	U	10.4	20.2	25.3	ug/L

Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch6DL	SDG No.:	BP020924
Lab Sample ID:	P1372-07DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019639.D	5	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	33.2	U	33.2	40.4	50.5	ug/L
129-00-0	Pyrene	9.5	U	9.5	20.2	25.3	ug/L
85-68-7	Butylbenzylphthalate	14.1	U	14.1	20.2	25.3	ug/L
91-94-1	3,3-Dichlorobenzidine	27.2	U	27.2	40.4	50.5	ug/L
56-55-3	Benzo(a)anthracene	7.3	U	7.3	20.2	25.3	ug/L
218-01-9	Chrysene	7.9	U	7.9	20.2	25.3	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	14.8	U	14.8	20.2	25.3	ug/L
117-84-0	Di-n-octyl phthalate	15.8	U	15.8	40.4	50.5	ug/L
205-99-2	Benzo(b)fluoranthene	7.6	U	7.6	20.2	25.3	ug/L
207-08-9	Benzo(k)fluoranthene	9.4	U	9.4	20.2	25.3	ug/L
50-32-8	Benzo(a)pyrene	13.6	U	13.6	20.2	25.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.6	U	10.6	20.2	25.3	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	10	20.2	25.3	ug/L
191-24-2	Benzo(g,h,i)perylene	9.7	U	9.7	20.2	25.3	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.4	U	10.4	20.2	25.3	ug/L
123-91-1	1,4-Dioxane	12.3	U	12.3	20.2	25.3	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	6.6	U	6.6	20.2	25.3	ug/L
90-12-0	1-Methylnaphthalene	22	JD	10.5	20.2	25.3	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	63.255		10-139		42	SPK: -150
13127-88-3	Phenol-d6	35.285		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	104.985		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	100.685		52-132		101	SPK: -100
118-79-6	2,4,6-Tribromophenol	194.03		32-145		129	SPK: -150
1718-51-0	Terphenyl-d14	104.31		36-145		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77784	7.904				
1146-65-2	Naphthalene-d8	288851	10.71				
15067-26-2	Acenaphthene-d10	183953	14.539				
1517-22-2	Phenanthrene-d10	433311	17.298				
1719-03-5	Chrysene-d12	461314	21.386				
1520-96-3	Perylene-d12	534316	23.804				



Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch6DL	SDG No.:	BP020924
Lab Sample ID:	P1372-07DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BP019639.D	5	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch7DL	SDG No.:	BP020924
Lab Sample ID:	P1372-08DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019640.D	10	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	720	D	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	140	D	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch7DL	SDG No.:	BP020924
Lab Sample ID:	P1372-08DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019640.D	10	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch7DL	SDG No.:	BP020924
Lab Sample ID:	P1372-08DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019640.D	10	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	58.17		10-139		39	SPK: -150
13127-88-3	Phenol-d6	37.63		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	85.83		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	85.47		52-132		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	143.56		32-145		96	SPK: -150
1718-51-0	Terphenyl-d14	85.16		36-145		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81398	7.904				
1146-65-2	Naphthalene-d8	332444	10.704				
15067-26-2	Acenaphthene-d10	226192	14.539				
1517-22-2	Phenanthrene-d10	466366	17.298				
1719-03-5	Chrysene-d12	377182	21.386				
1520-96-3	Perylene-d12	449035	23.81				

Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	CG-MW-17-ch7DL	SDG No.:	BP020924
Lab Sample ID:	P1372-08DL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019640.D	10	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	B-5(10-12)DL	SDG No.:	BP020924
Lab Sample ID:	P1365-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019641.D	5	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	520	U	520	1800	2200	ug/Kg
110-86-1	Pyridine	480	U	480	870	1100	ug/Kg
100-52-7	Benzaldehyde	990	U	990	1800	2200	ug/Kg
62-53-3	Aniline	780	U	780	870	1100	ug/Kg
108-95-2	Phenol	500	U	500	870	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	600	U	600	870	1100	ug/Kg
95-57-8	2-Chlorophenol	480	U	480	870	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	550	U	550	870	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	590	U	590	870	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	550	U	550	870	1100	ug/Kg
100-51-6	Benzyl Alcohol	660	U	660	1800	2200	ug/Kg
95-48-7	2-Methylphenol	760	U	760	870	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	700	U	700	870	1100	ug/Kg
98-86-2	Acetophenone	580	U	580	870	1100	ug/Kg
65794-96-9	3+4-Methylphenols	720	JD	720	1800	2200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	390	U	390	530	530	ug/Kg
67-72-1	Hexachloroethane	490	U	490	870	1100	ug/Kg
98-95-3	Nitrobenzene	500	U	500	870	1100	ug/Kg
78-59-1	Isophorone	450	U	450	870	1100	ug/Kg
88-75-5	2-Nitrophenol	630	U	630	870	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	11500	D	660	870	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	750	U	750	870	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	520	U	520	870	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	520	U	520	870	1100	ug/Kg
65-85-0	Benzoic acid	4200	D	1400	1800	2200	ug/Kg
91-20-3	Naphthalene	540	U	540	870	1100	ug/Kg
106-47-8	4-Chloroaniline	700	U	700	870	1100	ug/Kg
87-68-3	Hexachlorobutadiene	560	U	560	870	1100	ug/Kg
105-60-2	Caprolactam	780	U	780	1800	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	550	U	550	870	1100	ug/Kg
91-57-6	2-Methylnaphthalene	810	JD	630	870	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	B-5(10-12)DL	SDG No.:	BP020924
Lab Sample ID:	P1365-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019641.D	5	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1400	U	1400	1800	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	510	U	510	870	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	590	U	590	870	1100	ug/Kg
92-52-4	1,1-Biphenyl	610	U	610	870	1100	ug/Kg
91-58-7	2-Chloronaphthalene	560	U	560	870	1100	ug/Kg
88-74-4	2-Nitroaniline	660	U	660	870	1100	ug/Kg
131-11-3	Dimethylphthalate	2300	D	590	870	1100	ug/Kg
208-96-8	Acenaphthylene	590	U	590	870	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	600	U	600	870	1100	ug/Kg
99-09-2	3-Nitroaniline	620	U	620	870	1100	ug/Kg
83-32-9	Acenaphthene	540	U	540	870	1100	ug/Kg
Total PAH	Total PAH	9600	U	9600	870	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	U	1200	1800	2200	ug/Kg
100-02-7	4-Nitrophenol	760	U	760	1800	2200	ug/Kg
132-64-9	Dibenzofuran	510	U	510	870	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	270	U	1270	870	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	670	U	670	870	1100	ug/Kg
84-66-2	Diethylphthalate	570	U	570	870	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	600	U	600	870	1100	ug/Kg
86-73-7	Fluorene	570	U	570	870	1100	ug/Kg
100-01-6	4-Nitroaniline	690	U	690	870	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	590	U	590	1800	2200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	620	U	620	870	1100	ug/Kg
103-33-3	Azobenzene	490	U	490	870	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	650	U	650	870	1100	ug/Kg
118-74-1	Hexachlorobenzene	660	U	660	870	1100	ug/Kg
1912-24-9	Atrazine	640	U	640	870	1100	ug/Kg
87-86-5	Pentachlorophenol	740	U	740	1800	2200	ug/Kg
85-01-8	Phenanthrene	620	U	620	870	1100	ug/Kg
120-12-7	Anthracene	680	U	680	870	1100	ug/Kg
86-74-8	Carbazole	570	U	570	870	1100	ug/Kg
84-74-2	Di-n-butylphthalate	690	U	690	870	1100	ug/Kg
206-44-0	Fluoranthene	630	U	630	870	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	B-5(10-12)DL	SDG No.:	BP020924
Lab Sample ID:	P1365-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019641.D	5	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1300	U	1300	1800	2200	ug/Kg
129-00-0	Pyrene	560	U	560	870	1100	ug/Kg
85-68-7	Butylbenzylphthalate	690	U	690	870	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100	U	1100	1800	2200	ug/Kg
56-55-3	Benzo(a)anthracene	560	U	560	870	1100	ug/Kg
218-01-9	Chrysene	580	U	580	870	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3200	D	770	870	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	820	U	820	1800	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	540	U	540	870	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	590	U	590	870	1100	ug/Kg
50-32-8	Benzo(a)pyrene	630	U	630	870	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	710	U	710	870	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	640	U	640	870	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	620	U	620	870	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	600	U	600	870	1100	ug/Kg
123-91-1	1,4-Dioxane	780	U	780	870	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	550	U	550	870	1100	ug/Kg
90-12-0	1-Methylnaphthalene	600	U	600	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.72		18-112		73	SPK: -150
13127-88-3	Phenol-d6	106.815		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	71.91		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	74.35		20-109		74	SPK: -100
118-79-6	2,4,6-Tribromophenol	129.545		10-110		86	SPK: -150
1718-51-0	Terphenyl-d14	73.32		14-112		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82545	7.905				
1146-65-2	Naphthalene-d8	302629	10.704				
15067-26-2	Acenaphthene-d10	185420	14.539				
1517-22-2	Phenanthrene-d10	432322	17.292				
1719-03-5	Chrysene-d12	468275	21.386				
1520-96-3	Perylene-d12	540356	23.81				



Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	B-5(10-12)DL	SDG No.:	BP020924
Lab Sample ID:	P1365-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.2
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019641.D	5	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158865

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BP020924
Lab Sample ID:	P1389-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019642.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.2	U	55.2	190	240	ug/Kg
110-86-1	Pyridine	51.7	U	51.7	92.8	120	ug/Kg
100-52-7	Benzaldehyde	110	U	110	190	240	ug/Kg
62-53-3	Aniline	83.5	U	83.5	92.8	120	ug/Kg
108-95-2	Phenol	53.1	U	53.1	92.8	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	64.1	U	64.1	92.8	120	ug/Kg
95-57-8	2-Chlorophenol	51.4	U	51.4	92.8	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.3	U	58.3	92.8	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	63.2	U	63.2	92.8	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.8	U	58.8	92.8	120	ug/Kg
100-51-6	Benzyl Alcohol	70.5	U	70.5	190	240	ug/Kg
95-48-7	2-Methylphenol	81.4	U	81.4	92.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	92.8	120	ug/Kg
98-86-2	Acetophenone	61.9	U	61.9	92.8	120	ug/Kg
65794-96-9	3+4-Methylphenols	77.1	U	77.1	190	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.1	U	42.1	57.1	57.1	ug/Kg
67-72-1	Hexachloroethane	52.6	U	52.6	92.8	120	ug/Kg
98-95-3	Nitrobenzene	53.7	U	53.7	92.8	120	ug/Kg
78-59-1	Isophorone	48.6	U	48.6	92.8	120	ug/Kg
88-75-5	2-Nitrophenol	67.9	U	67.9	92.8	120	ug/Kg
105-67-9	2,4-Dimethylphenol	71.1	U	71.1	92.8	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	80	U	80	92.8	120	ug/Kg
120-83-2	2,4-Dichlorophenol	55.8	U	55.8	92.8	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.3	U	55.3	92.8	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	240	ug/Kg
91-20-3	Naphthalene	58.1	U	58.1	92.8	120	ug/Kg
106-47-8	4-Chloroaniline	75	U	75	92.8	120	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	92.8	120	ug/Kg
105-60-2	Caprolactam	83.5	U	83.5	190	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58.9	U	58.9	92.8	120	ug/Kg
91-57-6	2-Methylnaphthalene	67.8	U	67.8	92.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BP020924
Lab Sample ID:	P1389-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019642.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	150	U	150	190	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	92.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62.8	U	62.8	92.8	120	ug/Kg
92-52-4	1,1-Biphenyl	65.2	U	65.2	92.8	120	ug/Kg
91-58-7	2-Chloronaphthalene	60.4	U	60.4	92.8	120	ug/Kg
88-74-4	2-Nitroaniline	70.9	U	70.9	92.8	120	ug/Kg
131-11-3	Dimethylphthalate	63.5	U	63.5	92.8	120	ug/Kg
208-96-8	Acenaphthylene	63.1	U	63.1	92.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	64.3	U	64.3	92.8	120	ug/Kg
99-09-2	3-Nitroaniline	66.7	U	66.7	92.8	120	ug/Kg
83-32-9	Acenaphthene	57.3	U	57.3	92.8	120	ug/Kg
Total PAH	Total PAH	1025.9	U	1025.9	92.8	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	190	240	ug/Kg
100-02-7	4-Nitrophenol	81.4	U	81.4	190	240	ug/Kg
132-64-9	Dibenzofuran	54.9	U	54.9	92.8	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	35.6	U	135.6	92.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	71.3	U	71.3	92.8	120	ug/Kg
84-66-2	Diethylphthalate	61.3	U	61.3	92.8	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64.5	U	64.5	92.8	120	ug/Kg
86-73-7	Fluorene	60.5	U	60.5	92.8	120	ug/Kg
100-01-6	4-Nitroaniline	74.3	U	74.3	92.8	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	62.7	U	62.7	190	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	66.6	U	66.6	92.8	120	ug/Kg
103-33-3	Azobenzene	52.5	U	52.5	92.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	69.5	U	69.5	92.8	120	ug/Kg
118-74-1	Hexachlorobenzene	70.5	U	70.5	92.8	120	ug/Kg
1912-24-9	Atrazine	68.1	U	68.1	92.8	120	ug/Kg
87-86-5	Pentachlorophenol	79.3	U	79.3	190	240	ug/Kg
85-01-8	Phenanthrene	66.2	U	66.2	92.8	120	ug/Kg
120-12-7	Anthracene	72.8	U	72.8	92.8	120	ug/Kg
86-74-8	Carbazole	60.6	U	60.6	92.8	120	ug/Kg
84-74-2	Di-n-butylphthalate	74.3	U	74.3	92.8	120	ug/Kg
206-44-0	Fluoranthene	67.4	U	67.4	92.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BP020924
Lab Sample ID:	P1389-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019642.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	140	U	140	190	240	ug/Kg
129-00-0	Pyrene	59.8	U	59.8	92.8	120	ug/Kg
85-68-7	Butylbenzylphthalate	73.5	U	73.5	92.8	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	240	ug/Kg
56-55-3	Benzo(a)anthracene	59.9	U	59.9	92.8	120	ug/Kg
218-01-9	Chrysene	62	U	62	92.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	82.1	U	82.1	92.8	120	ug/Kg
117-84-0	Di-n-octyl phthalate	87.8	U	87.8	190	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	57.3	U	57.3	92.8	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	62.9	U	62.9	92.8	120	ug/Kg
50-32-8	Benzo(a)pyrene	67.3	U	67.3	92.8	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	76.4	U	76.4	92.8	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68.9	U	68.9	92.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	66	U	66	92.8	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63.8	U	63.8	92.8	120	ug/Kg
123-91-1	1,4-Dioxane	83.5	U	83.5	92.8	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59.2	U	59.2	92.8	120	ug/Kg
90-12-0	1-Methylnaphthalene	64.4	U	64.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.243		18-112		61	SPK: -150
13127-88-3	Phenol-d6	89.986		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	60.798		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	61.392		20-109		61	SPK: -100
118-79-6	2,4,6-Tribromophenol	104.573		10-110		70	SPK: -150
1718-51-0	Terphenyl-d14	61.128		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76196	7.904				
1146-65-2	Naphthalene-d8	279566	10.704				
15067-26-2	Acenaphthene-d10	176111	14.539				
1517-22-2	Phenanthrene-d10	367832	17.298				
1719-03-5	Chrysene-d12	379906	21.386				
1520-96-3	Perylene-d12	458951	23.803				



Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BP020924
Lab Sample ID:	P1389-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019642.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	140	J			18.192	
000506-51-4	n-Tetracosanol-1	140	J			21.115	

Report of Analysis

Client:		Date Collected:	1/31/2024 12:00:00 AM
Project:		Date Received:	1/31/2024 12:00:00 AM
Client Sample ID:	MR-323P-GW-20240131-0	SDG No.:	BP020924
Lab Sample ID:	P1342-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019643.D	1	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2	U	2	8	10	ug/L
110-86-1	Pyridine	1.8	U	1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	2.4	U	2.4	4	5	ug/L
108-95-2	Phenol	1.5	U	1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4	5	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	1.7	U	1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8	10	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4	5	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1.6	U	1.6	4	5	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	4	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	4	5	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2	U	2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4	5	ug/L
106-47-8	4-Chloroaniline	2.5	U	2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.9	U	1.9	4	5	ug/L
105-60-2	Caprolactam	3.4	U	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	2.2	U	2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/31/2024 12:00:00 AM
Project:		Date Received:	1/31/2024 12:00:00 AM
Client Sample ID:	MR-323P-GW-20240131-0	SDG No.:	BP020924
Lab Sample ID:	P1342-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019643.D	1	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4	5	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4	5	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4	5	ug/L
208-96-8	Acenaphthylene	2.1	U	2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4	5	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4	5	ug/L
83-32-9	Acenaphthene	1.7	U	1.7	4	5	ug/L
Total PAH	Total PAH	31	U	31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	5.5	U	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8	10	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	U	2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.6	U	4.6	4	10	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	2.2	4	5	ug/L
86-73-7	Fluorene	2	U	2	4	5	ug/L
100-01-6	4-Nitroaniline	2.3	U	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4	5	ug/L
103-33-3	Azobenzene	1.6	U	1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4	5	ug/L
1912-24-9	Atrazine	3.5	U	3.5	4	5	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8	10	ug/L
85-01-8	Phenanthrene	2	U	2	4	5	ug/L
120-12-7	Anthracene	2.3	U	2.3	4	5	ug/L
86-74-8	Carbazole	1.7	U	1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4	5	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/31/2024 12:00:00 AM
Project:		Date Received:	1/31/2024 12:00:00 AM
Client Sample ID:	MR-323P-GW-20240131-0	SDG No.:	BP020924
Lab Sample ID:	P1342-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019643.D	1	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	46.907		10-139		31	SPK: -150
13127-88-3	Phenol-d6	27.073		10-134		18	SPK: -150
4165-60-0	Nitrobenzene-d5	80.429		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	81.63		52-132		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	133.838		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	72.586		36-145		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109779	7.905				
1146-65-2	Naphthalene-d8	389411	10.704				
15067-26-2	Acenaphthene-d10	226670	14.539				
1517-22-2	Phenanthrene-d10	463070	17.298				
1719-03-5	Chrysene-d12	510994	21.392				
1520-96-3	Perylene-d12	595633	23.81				

Report of Analysis

Client:		Date Collected:	1/31/2024 12:00:00 AM
Project:		Date Received:	1/31/2024 12:00:00 AM
Client Sample ID:	MR-323P-GW-20240131-0	SDG No.:	BP020924
Lab Sample ID:	P1342-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019643.D	1	2/6/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158857

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000594-60-5	2-Butanol, 2,3-dimethyl-	9.2	J			3.628	
	unknown8.187	12.5	J			8.187	
004488-57-7	3a,4,5,6,7,7a-Hexahydro-4,7-methan	10	J			8.899	
	unknown8.981	9.2	J			8.981	
003302-10-1	Hexanoic acid, 3,5,5-trimethyl-	10.7	J			9.557	
001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	44.7	J			11.328	
	unknown11.569	9.7	J			11.569	
000122-03-2	Benzaldehyde, 4-(1-methylethyl)-	7.5	J			11.934	
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	46.6	J			12.104	
002039-93-2	Benzene, (1-methylenepropyl)-	6.8	J			12.375	
017496-14-9	1H-Inden-1-one, 2,3-dihydro-2-meth	8.4	J			12.434	
035587-60-1	1-Methylindan-2-one	14.8	J			12.592	
1000342-65-8	2,4,6-Trimethylbenzyl alcohol	7.8	J			12.687	
039627-61-7	7-Methylindan-1-one	6.9	J			13.004	
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	8.6	J			13.087	
	unknown13.687	15.3	J			13.687	
042288-46-0	3,5-Dimethylphenylacetic acid	9	J			13.763	
	unknown14.075	14.8	J			14.075	
007498-54-6	3-tert-Butylbenzoic acid	9.9	J			14.375	
075427-76-8	2-(2-(2-Butoxyethoxy)ethoxy)acetic	6.8	J			15.71	

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BP020924
Lab Sample ID:	P1389-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019644.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.9	U	53.9	190	230	ug/Kg
110-86-1	Pyridine	50.5	U	50.5	90.7	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	230	ug/Kg
62-53-3	Aniline	81.6	U	81.6	90.7	120	ug/Kg
108-95-2	Phenol	51.9	U	51.9	90.7	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62.6	U	62.6	90.7	120	ug/Kg
95-57-8	2-Chlorophenol	50.2	U	50.2	90.7	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57	U	57	90.7	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.7	U	61.7	90.7	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.5	U	57.5	90.7	120	ug/Kg
100-51-6	Benzyl Alcohol	68.9	U	68.9	190	230	ug/Kg
95-48-7	2-Methylphenol	79.5	U	79.5	90.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73.3	U	73.3	90.7	120	ug/Kg
98-86-2	Acetophenone	60.5	U	60.5	90.7	120	ug/Kg
65794-96-9	3+4-Methylphenols	75.3	U	75.3	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.2	U	41.2	55.8	55.8	ug/Kg
67-72-1	Hexachloroethane	51.3	U	51.3	90.7	120	ug/Kg
98-95-3	Nitrobenzene	52.5	U	52.5	90.7	120	ug/Kg
78-59-1	Isophorone	47.5	U	47.5	90.7	120	ug/Kg
88-75-5	2-Nitrophenol	66.3	U	66.3	90.7	120	ug/Kg
105-67-9	2,4-Dimethylphenol	69.5	U	69.5	90.7	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	78.1	U	78.1	90.7	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54.5	U	54.5	90.7	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.1	U	54.1	90.7	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	230	ug/Kg
91-20-3	Naphthalene	56.8	U	56.8	90.7	120	ug/Kg
106-47-8	4-Chloroaniline	73.3	U	73.3	90.7	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.6	U	58.6	90.7	120	ug/Kg
105-60-2	Caprolactam	81.6	U	81.6	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.6	U	57.6	90.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	66.2	U	66.2	90.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BP020924
Lab Sample ID:	P1389-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019644.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	150	U	150	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53.8	U	53.8	90.7	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61.3	U	61.3	90.7	120	ug/Kg
92-52-4	1,1-Biphenyl	63.7	U	63.7	90.7	120	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	90.7	120	ug/Kg
88-74-4	2-Nitroaniline	69.3	U	69.3	90.7	120	ug/Kg
131-11-3	Dimethylphthalate	62	U	62	90.7	120	ug/Kg
208-96-8	Acenaphthylene	61.7	U	61.7	90.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	62.8	U	62.8	90.7	120	ug/Kg
99-09-2	3-Nitroaniline	65.2	U	65.2	90.7	120	ug/Kg
Total PAH	Total PAH	1002.7	U	1002.7	90.7	1920	ug/Kg
83-32-9	Acenaphthene	56	U	56	90.7	120	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.5	U	79.5	190	230	ug/Kg
132-64-9	Dibenzofuran	53.6	U	53.6	90.7	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	32.5	U	132.5	90.7	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	69.7	U	69.7	90.7	120	ug/Kg
84-66-2	Diethylphthalate	59.9	U	59.9	90.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63.1	U	63.1	90.7	120	ug/Kg
86-73-7	Fluorene	59.2	U	59.2	90.7	120	ug/Kg
100-01-6	4-Nitroaniline	72.6	U	72.6	90.7	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	61.3	U	61.3	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	65.1	U	65.1	90.7	120	ug/Kg
103-33-3	Azobenzene	51.3	U	51.3	90.7	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	68	U	68	90.7	120	ug/Kg
118-74-1	Hexachlorobenzene	68.9	U	68.9	90.7	120	ug/Kg
1912-24-9	Atrazine	66.6	U	66.6	90.7	120	ug/Kg
87-86-5	Pentachlorophenol	77.4	U	77.4	190	230	ug/Kg
85-01-8	Phenanthrene	64.7	U	64.7	90.7	120	ug/Kg
120-12-7	Anthracene	71.2	U	71.2	90.7	120	ug/Kg
86-74-8	Carbazole	59.2	U	59.2	90.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	72.6	U	72.6	90.7	120	ug/Kg
206-44-0	Fluoranthene	65.9	U	65.9	90.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BP020924
Lab Sample ID:	P1389-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019644.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	190	230	ug/Kg
129-00-0	Pyrene	58.4	U	58.4	90.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	71.9	U	71.9	90.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	58.5	U	58.5	90.7	120	ug/Kg
218-01-9	Chrysene	60.6	U	60.6	90.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	80.2	U	80.2	90.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	85.8	U	85.8	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	90.7	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	61.5	U	61.5	90.7	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.8	U	65.8	90.7	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	74.6	U	74.6	90.7	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67.3	U	67.3	90.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64.5	U	64.5	90.7	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62.4	U	62.4	90.7	120	ug/Kg
123-91-1	1,4-Dioxane	81.6	U	81.6	90.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57.8	U	57.8	90.7	120	ug/Kg
90-12-0	1-Methylnaphthalene	62.9	U	62.9	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.033		18-112		73	SPK: -150
13127-88-3	Phenol-d6	107.753		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	73.243		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	74.568		20-109		75	SPK: -100
118-79-6	2,4,6-Tribromophenol	128.393		10-110		86	SPK: -150
1718-51-0	Terphenyl-d14	72.161		14-112		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73210	7.904				
1146-65-2	Naphthalene-d8	268898	10.704				
15067-26-2	Acenaphthene-d10	161511	14.539				
1517-22-2	Phenanthrene-d10	347180	17.298				
1719-03-5	Chrysene-d12	373155	21.386				
1520-96-3	Perylene-d12	450225	23.804				



Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BP020924
Lab Sample ID:	P1389-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019644.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	230	J			18.192	
000057-11-4	Octadecanoic acid	110	J			19.433	
015306-27-1	Heptacos-1-ene	160	J			21.11	

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SP-1	SDG No.:	BP020924
Lab Sample ID:	P1391-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019645.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	50.9	U	50.9	180	220	ug/Kg
110-86-1	Pyridine	47.7	U	47.7	85.6	110	ug/Kg
100-52-7	Benzaldehyde	97.4	U	97.4	180	220	ug/Kg
62-53-3	Aniline	77	U	77	85.6	110	ug/Kg
108-95-2	Phenol	49	U	49	85.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.1	U	59.1	85.6	110	ug/Kg
95-57-8	2-Chlorophenol	47.4	U	47.4	85.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.8	U	53.8	85.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.3	U	58.3	85.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.2	U	54.2	85.6	110	ug/Kg
100-51-6	Benzyl Alcohol	65	U	65	180	220	ug/Kg
95-48-7	2-Methylphenol	75	U	75	85.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69.1	U	69.1	85.6	110	ug/Kg
98-86-2	Acetophenone	57.1	U	57.1	85.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	71.1	U	71.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	38.8	U	38.8	52.7	52.7	ug/Kg
67-72-1	Hexachloroethane	48.4	U	48.4	85.6	110	ug/Kg
98-95-3	Nitrobenzene	49.5	U	49.5	85.6	110	ug/Kg
78-59-1	Isophorone	44.8	U	44.8	85.6	110	ug/Kg
88-75-5	2-Nitrophenol	62.6	U	62.6	85.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	65.6	U	65.6	85.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	73.7	U	73.7	85.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	51.4	U	51.4	85.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51	U	51	85.6	110	ug/Kg
65-85-0	Benzoic acid	140	U	140	180	220	ug/Kg
91-20-3	Naphthalene	53.6	U	53.6	85.6	110	ug/Kg
106-47-8	4-Chloroaniline	69.1	U	69.1	85.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.3	U	55.3	85.6	110	ug/Kg
105-60-2	Caprolactam	77	U	77	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.3	U	54.3	85.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	62.5	U	62.5	85.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SP-1	SDG No.:	BP020924
Lab Sample ID:	P1391-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019645.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.8	U	50.8	85.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57.9	U	57.9	85.6	110	ug/Kg
92-52-4	1,1-Biphenyl	60.1	U	60.1	85.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.7	U	55.7	85.6	110	ug/Kg
88-74-4	2-Nitroaniline	65.4	U	65.4	85.6	110	ug/Kg
131-11-3	Dimethylphthalate	58.5	U	58.5	85.6	110	ug/Kg
208-96-8	Acenaphthylene	58.2	U	58.2	85.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.2	U	59.2	85.6	110	ug/Kg
99-09-2	3-Nitroaniline	61.5	U	61.5	85.6	110	ug/Kg
83-32-9	Acenaphthene	52.9	U	52.9	85.6	110	ug/Kg
Total PAH	Total PAH	945.9	U	945.9	85.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	75	U	75	180	220	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	85.6	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	65.8	U	65.8	85.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	25	U	125	85.6	220	ug/Kg
84-66-2	Diethylphthalate	56.5	U	56.5	85.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.5	U	59.5	85.6	110	ug/Kg
86-73-7	Fluorene	55.8	U	55.8	85.6	110	ug/Kg
100-01-6	4-Nitroaniline	68.5	U	68.5	85.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	57.8	U	57.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	61.4	U	61.4	85.6	110	ug/Kg
103-33-3	Azobenzene	48.4	U	48.4	85.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	64.1	U	64.1	85.6	110	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	85.6	110	ug/Kg
1912-24-9	Atrazine	62.8	U	62.8	85.6	110	ug/Kg
87-86-5	Pentachlorophenol	73.1	U	73.1	180	220	ug/Kg
85-01-8	Phenanthrene	61	U	61	85.6	110	ug/Kg
120-12-7	Anthracene	67.1	U	67.1	85.6	110	ug/Kg
86-74-8	Carbazole	55.9	U	55.9	85.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	68.5	U	68.5	85.6	110	ug/Kg
206-44-0	Fluoranthene	120		62.1	85.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SP-1	SDG No.:	BP020924
Lab Sample ID:	P1391-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019645.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	87.4	J	55.1	85.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	67.8	U	67.8	85.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	55.2	U	55.2	85.6	110	ug/Kg
218-01-9	Chrysene	57.1	U	57.1	85.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	75.7	U	75.7	85.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	81	U	81	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	60.8	J	52.9	85.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	85.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.1	U	62.1	85.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	70.4	U	70.4	85.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63.5	U	63.5	85.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60.9	U	60.9	85.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.9	U	58.9	85.6	110	ug/Kg
123-91-1	1,4-Dioxane	77	U	77	85.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.6	U	54.6	85.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	59.4	U	59.4	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.505		18-112		62	SPK: -150
13127-88-3	Phenol-d6	88.589		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	61.883		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	60.351		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	121.521		10-110		81	SPK: -150
1718-51-0	Terphenyl-d14	63.135		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70152	7.905				
1146-65-2	Naphthalene-d8	249135	10.704				
15067-26-2	Acenaphthene-d10	161511	14.54				
1517-22-2	Phenanthrene-d10	389063	17.298				
1719-03-5	Chrysene-d12	413814	21.386				
1520-96-3	Perylene-d12	467337	23.804				



Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SP-1	SDG No.:	BP020924
Lab Sample ID:	P1391-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019645.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	150	J			18.192	
018835-32-0	1-Tricosene	100	J			21.11	

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SP-2	SDG No.:	BP020924
Lab Sample ID:	P1391-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019646.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	51.9	U	51.9	180	220	ug/Kg
110-86-1	Pyridine	48.6	U	48.6	87.3	110	ug/Kg
100-52-7	Benzaldehyde	99.4	U	99.4	180	220	ug/Kg
62-53-3	Aniline	78.5	U	78.5	87.3	110	ug/Kg
108-95-2	Phenol	49.9	U	49.9	87.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.3	U	60.3	87.3	110	ug/Kg
95-57-8	2-Chlorophenol	48.3	U	48.3	87.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.8	U	54.8	87.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.4	U	59.4	87.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.3	U	55.3	87.3	110	ug/Kg
100-51-6	Benzyl Alcohol	66.3	U	66.3	180	220	ug/Kg
95-48-7	2-Methylphenol	76.5	U	76.5	87.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70.5	U	70.5	87.3	110	ug/Kg
98-86-2	Acetophenone	58.2	U	58.2	87.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	72.5	U	72.5	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	39.6	U	39.6	53.7	53.7	ug/Kg
67-72-1	Hexachloroethane	49.4	U	49.4	87.3	110	ug/Kg
98-95-3	Nitrobenzene	50.5	U	50.5	87.3	110	ug/Kg
78-59-1	Isophorone	45.7	U	45.7	87.3	110	ug/Kg
88-75-5	2-Nitrophenol	63.8	U	63.8	87.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	66.9	U	66.9	87.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	75.2	U	75.2	87.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	52.4	U	52.4	87.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52	U	52	87.3	110	ug/Kg
65-85-0	Benzoic acid	140	U	140	180	220	ug/Kg
91-20-3	Naphthalene	54.6	U	54.6	87.3	110	ug/Kg
106-47-8	4-Chloroaniline	70.5	U	70.5	87.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.4	U	56.4	87.3	110	ug/Kg
105-60-2	Caprolactam	78.5	U	78.5	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.4	U	55.4	87.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	63.7	U	63.7	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SP-2	SDG No.:	BP020924
Lab Sample ID:	P1391-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019646.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51.8	U	51.8	87.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	87.3	110	ug/Kg
92-52-4	1,1-Biphenyl	61.3	U	61.3	87.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.8	U	56.8	87.3	110	ug/Kg
88-74-4	2-Nitroaniline	66.7	U	66.7	87.3	110	ug/Kg
131-11-3	Dimethylphthalate	59.7	U	59.7	87.3	110	ug/Kg
208-96-8	Acenaphthylene	59.3	U	59.3	87.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	60.4	U	60.4	87.3	110	ug/Kg
99-09-2	3-Nitroaniline	62.7	U	62.7	87.3	110	ug/Kg
83-32-9	Acenaphthene	53.9	U	53.9	87.3	110	ug/Kg
Total PAH	Total PAH	964.6	U	964.6	87.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.5	U	76.5	180	220	ug/Kg
132-64-9	Dibenzofuran	51.6	U	51.6	87.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	127.5	U	127.5	87.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	67.1	U	67.1	87.3	110	ug/Kg
84-66-2	Diethylphthalate	57.7	U	57.7	87.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.7	U	60.7	87.3	110	ug/Kg
86-73-7	Fluorene	56.9	U	56.9	87.3	110	ug/Kg
100-01-6	4-Nitroaniline	69.8	U	69.8	87.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	58.9	U	58.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	62.6	U	62.6	87.3	110	ug/Kg
103-33-3	Azobenzene	49.3	U	49.3	87.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	65.4	U	65.4	87.3	110	ug/Kg
118-74-1	Hexachlorobenzene	66.3	U	66.3	87.3	110	ug/Kg
1912-24-9	Atrazine	64	U	64	87.3	110	ug/Kg
87-86-5	Pentachlorophenol	74.5	U	74.5	180	220	ug/Kg
85-01-8	Phenanthrene	62.2	U	62.2	87.3	110	ug/Kg
120-12-7	Anthracene	68.5	U	68.5	87.3	110	ug/Kg
86-74-8	Carbazole	57	U	57	87.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	69.8	U	69.8	87.3	110	ug/Kg
206-44-0	Fluoranthene	63.4	U	63.4	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SP-2	SDG No.:	BP020924
Lab Sample ID:	P1391-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019646.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	56.2	U	56.2	87.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	69.1	U	69.1	87.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	56.3	U	56.3	87.3	110	ug/Kg
218-01-9	Chrysene	58.3	U	58.3	87.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	77.2	U	77.2	87.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	82.6	U	82.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.9	U	53.9	87.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	59.1	U	59.1	87.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	63.3	U	63.3	87.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	71.8	U	71.8	87.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64.8	U	64.8	87.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62.1	U	62.1	87.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	87.3	110	ug/Kg
123-91-1	1,4-Dioxane	78.5	U	78.5	87.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55.7	U	55.7	87.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	60.6	U	60.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106.989		18-112		71	SPK: -150
13127-88-3	Phenol-d6	102.9		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	70.001		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	73.442		20-109		73	SPK: -100
118-79-6	2,4,6-Tribromophenol	111.563		10-110		74	SPK: -150
1718-51-0	Terphenyl-d14	63.32		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82579	7.905				
1146-65-2	Naphthalene-d8	303417	10.704				
15067-26-2	Acenaphthene-d10	172988	14.539				
1517-22-2	Phenanthrene-d10	333260	17.298				
1719-03-5	Chrysene-d12	356579	21.386				
1520-96-3	Perylene-d12	442435	23.804				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SP-2	SDG No.:	BP020924
Lab Sample ID:	P1391-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019646.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			18.192	
010192-32-2	1-Tetracosene	72.7	J			21.11	

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SP-3	SDG No.:	BP020924
Lab Sample ID:	P1391-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019647.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	51.5	U	51.5	180	220	ug/Kg
110-86-1	Pyridine	48.3	U	48.3	86.6	110	ug/Kg
100-52-7	Benzaldehyde	98.6	U	98.6	180	220	ug/Kg
62-53-3	Aniline	78	U	78	86.6	110	ug/Kg
108-95-2	Phenol	49.6	U	49.6	86.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.8	U	59.8	86.6	110	ug/Kg
95-57-8	2-Chlorophenol	48	U	48	86.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.5	U	54.5	86.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	59	U	59	86.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.9	U	54.9	86.6	110	ug/Kg
100-51-6	Benzyl Alcohol	65.8	U	65.8	180	220	ug/Kg
95-48-7	2-Methylphenol	76	U	76	86.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	86.6	110	ug/Kg
98-86-2	Acetophenone	57.8	U	57.8	86.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	72	U	72	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	39.3	U	39.3	53.3	53.3	ug/Kg
67-72-1	Hexachloroethane	49.1	U	49.1	86.6	110	ug/Kg
98-95-3	Nitrobenzene	50.1	U	50.1	86.6	110	ug/Kg
78-59-1	Isophorone	45.4	U	45.4	86.6	110	ug/Kg
88-75-5	2-Nitrophenol	63.4	U	63.4	86.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	66.4	U	66.4	86.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	74.6	U	74.6	86.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	52.1	U	52.1	86.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.7	U	51.7	86.6	110	ug/Kg
65-85-0	Benzoic acid	140	U	140	180	220	ug/Kg
91-20-3	Naphthalene	54.3	U	54.3	86.6	110	ug/Kg
106-47-8	4-Chloroaniline	70	U	70	86.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	86.6	110	ug/Kg
105-60-2	Caprolactam	78	U	78	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	86.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	63.2	U	63.2	86.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SP-3	SDG No.:	BP020924
Lab Sample ID:	P1391-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019647.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51.4	U	51.4	86.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58.6	U	58.6	86.6	110	ug/Kg
92-52-4	1,1-Biphenyl	60.8	U	60.8	86.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.4	U	56.4	86.6	110	ug/Kg
88-74-4	2-Nitroaniline	66.2	U	66.2	86.6	110	ug/Kg
131-11-3	Dimethylphthalate	59.2	U	59.2	86.6	110	ug/Kg
208-96-8	Acenaphthylene	58.9	U	58.9	86.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	86.6	110	ug/Kg
99-09-2	3-Nitroaniline	62.2	U	62.2	86.6	110	ug/Kg
83-32-9	Acenaphthene	53.5	U	53.5	86.6	110	ug/Kg
Total PAH	Total PAH	957.7	U	957.7	86.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	180	220	ug/Kg
132-64-9	Dibenzofuran	51.3	U	51.3	86.6	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	66.6	U	66.6	86.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	26.6	U	126.6	86.6	220	ug/Kg
84-66-2	Diethylphthalate	57.3	U	57.3	86.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.2	U	60.2	86.6	110	ug/Kg
86-73-7	Fluorene	56.5	U	56.5	86.6	110	ug/Kg
100-01-6	4-Nitroaniline	69.3	U	69.3	86.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	58.5	U	58.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	62.2	U	62.2	86.6	110	ug/Kg
103-33-3	Azobenzene	49	U	49	86.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	64.9	U	64.9	86.6	110	ug/Kg
118-74-1	Hexachlorobenzene	65.8	U	65.8	86.6	110	ug/Kg
1912-24-9	Atrazine	63.6	U	63.6	86.6	110	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	180	220	ug/Kg
85-01-8	Phenanthrene	61.8	U	61.8	86.6	110	ug/Kg
120-12-7	Anthracene	68	U	68	86.6	110	ug/Kg
86-74-8	Carbazole	56.6	U	56.6	86.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	69.3	U	69.3	86.6	110	ug/Kg
206-44-0	Fluoranthene	62.9	U	62.9	86.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SP-3	SDG No.:	BP020924
Lab Sample ID:	P1391-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019647.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	55.8	U	55.8	86.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	68.6	U	68.6	86.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	55.9	U	55.9	86.6	110	ug/Kg
218-01-9	Chrysene	57.9	U	57.9	86.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	76.6	U	76.6	86.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	82	U	82	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.5	U	53.5	86.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	58.7	U	58.7	86.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.8	U	62.8	86.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	71.3	U	71.3	86.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64.3	U	64.3	86.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61.6	U	61.6	86.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.6	U	59.6	86.6	110	ug/Kg
123-91-1	1,4-Dioxane	78	U	78	86.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55.3	U	55.3	86.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	60.1	U	60.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.166		18-112		77	SPK: -150
13127-88-3	Phenol-d6	106.193		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	76.295		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	74.365		20-109		74	SPK: -100
118-79-6	2,4,6-Tribromophenol	146.816		10-110		98	SPK: -150
1718-51-0	Terphenyl-d14	70.628		14-112		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73845	7.905				
1146-65-2	Naphthalene-d8	258580	10.704				
15067-26-2	Acenaphthene-d10	152685	14.54				
1517-22-2	Phenanthrene-d10	360152	17.298				
1719-03-5	Chrysene-d12	422577	21.386				
1520-96-3	Perylene-d12	489005	23.804				



Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	SP-3	SDG No.:	BP020924
Lab Sample ID:	P1391-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019647.D	1	2/8/2024 12:00:00 AM	2/9/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	98.9	J			18.192	
074685-30-6	5-Eicosene, (E)-	89.5	J			21.11	

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	72-11929	SDG No.:	BP020924
Lab Sample ID:	P1411-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.4
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019648.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	63	U	63	220	270	ug/Kg
110-86-1	Pyridine	59	U	59	110	140	ug/Kg
100-52-7	Benzaldehyde	120	U	120	220	270	ug/Kg
62-53-3	Aniline	95.3	U	95.3	110	140	ug/Kg
108-95-2	Phenol	60.6	U	60.6	110	140	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	73.1	U	73.1	110	140	ug/Kg
95-57-8	2-Chlorophenol	58.6	U	58.6	110	140	ug/Kg
95-50-1	1,2-Dichlorobenzene	66.6	U	66.6	110	140	ug/Kg
541-73-1	1,3-Dichlorobenzene	72.1	U	72.1	110	140	ug/Kg
106-46-7	1,4-Dichlorobenzene	67.1	U	67.1	110	140	ug/Kg
100-51-6	Benzyl Alcohol	80.5	U	80.5	220	270	ug/Kg
95-48-7	2-Methylphenol	92.9	U	92.9	110	140	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85.5	U	85.5	110	140	ug/Kg
98-86-2	Acetophenone	70.6	U	70.6	110	140	ug/Kg
65794-96-9	3+4-Methylphenols	88	U	88	220	270	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.1	U	48.1	65.2	65.2	ug/Kg
67-72-1	Hexachloroethane	60	U	60	110	140	ug/Kg
98-95-3	Nitrobenzene	61.3	U	61.3	110	140	ug/Kg
78-59-1	Isophorone	55.5	U	55.5	110	140	ug/Kg
88-75-5	2-Nitrophenol	77.5	U	77.5	110	140	ug/Kg
105-67-9	2,4-Dimethylphenol	81.1	U	81.1	110	140	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	91.2	U	91.2	110	140	ug/Kg
120-83-2	2,4-Dichlorophenol	63.6	U	63.6	110	140	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	63.1	U	63.1	110	140	ug/Kg
65-85-0	Benzoic acid	170	U	170	220	270	ug/Kg
91-20-3	Naphthalene	66.3	U	66.3	110	140	ug/Kg
106-47-8	4-Chloroaniline	85.5	U	85.5	110	140	ug/Kg
87-68-3	Hexachlorobutadiene	68.4	U	68.4	110	140	ug/Kg
105-60-2	Caprolactam	95.3	U	95.3	220	270	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67.2	U	67.2	110	140	ug/Kg
91-57-6	2-Methylnaphthalene	680		77.3	110	140	ug/Kg

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	72-11929	SDG No.:	BP020924
Lab Sample ID:	P1411-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.4
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019648.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	170	U	170	220	270	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62.8	U	62.8	110	140	ug/Kg
95-95-4	2,4,5-Trichlorophenol	71.6	U	71.6	110	140	ug/Kg
92-52-4	1,1-Biphenyl	74.4	U	74.4	110	140	ug/Kg
91-58-7	2-Chloronaphthalene	68.9	U	68.9	110	140	ug/Kg
88-74-4	2-Nitroaniline	80.9	U	80.9	110	140	ug/Kg
131-11-3	Dimethylphthalate	72.4	U	72.4	110	140	ug/Kg
208-96-8	Acenaphthylene	72	U	72	110	140	ug/Kg
606-20-2	2,6-Dinitrotoluene	73.3	U	73.3	110	140	ug/Kg
99-09-2	3-Nitroaniline	76.1	U	76.1	110	140	ug/Kg
83-32-9	Acenaphthene	740		65.4	110	140	ug/Kg
Total PAH	Total PAH	5091.2		1170.6	110	2240	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	220	270	ug/Kg
100-02-7	4-Nitrophenol	92.9	U	92.9	220	270	ug/Kg
132-64-9	Dibenzofuran	62.6	U	62.6	110	140	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	54.7	U	154.7	110	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	81.4	U	81.4	110	140	ug/Kg
84-66-2	Diethylphthalate	70	U	70	110	140	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	73.6	U	73.6	110	140	ug/Kg
86-73-7	Fluorene	1200		69.1	110	140	ug/Kg
100-01-6	4-Nitroaniline	84.7	U	84.7	110	140	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	71.5	U	71.5	220	270	ug/Kg
86-30-6	n-Nitrosodiphenylamine	76	U	76	110	140	ug/Kg
103-33-3	Azobenzene	59.9	U	59.9	110	140	ug/Kg
101-55-3	4-Bromophenyl-phenylether	79.3	U	79.3	110	140	ug/Kg
118-74-1	Hexachlorobenzene	80.5	U	80.5	110	140	ug/Kg
1912-24-9	Atrazine	77.7	U	77.7	110	140	ug/Kg
87-86-5	Pentachlorophenol	90.4	U	90.4	220	270	ug/Kg
85-01-8	Phenanthrene	1800		75.5	110	140	ug/Kg
120-12-7	Anthracene	370		83.1	110	140	ug/Kg
86-74-8	Carbazole	69.2	U	69.2	110	140	ug/Kg
84-74-2	Di-n-butylphthalate	84.7	U	84.7	110	140	ug/Kg
206-44-0	Fluoranthene	200		76.9	110	140	ug/Kg

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	72-11929	SDG No.:	BP020924
Lab Sample ID:	P1411-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.4
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019648.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	220	270	ug/Kg
129-00-0	Pyrene	280		68.2	110	140	ug/Kg
85-68-7	Butylbenzylphthalate	83.9	U	83.9	110	140	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	220	270	ug/Kg
56-55-3	Benzo(a)anthracene	84.6	J	68.3	110	140	ug/Kg
218-01-9	Chrysene	94.5	J	70.7	110	140	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	93.7	U	93.7	110	140	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	220	270	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	65.4	110	140	ug/Kg
207-08-9	Benzo(k)fluoranthene	71.8	U	71.8	110	140	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	76.8	110	140	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87.2	U	87.2	110	140	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	78.6	U	78.6	110	140	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82.1	J	75.3	110	140	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	72.8	U	72.8	110	140	ug/Kg
123-91-1	1,4-Dioxane	95.3	U	95.3	110	140	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	67.5	U	67.5	110	140	ug/Kg
90-12-0	1-Methylnaphthalene	14100	E	73.5	140	140	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.096		18-112		87	SPK: -150
13127-88-3	Phenol-d6	127.194		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	104.137		18-107		104	SPK: -100
321-60-8	2-Fluorobiphenyl	79.959		20-109		80	SPK: -100
118-79-6	2,4,6-Tribromophenol	127.205		10-110		85	SPK: -150
1718-51-0	Terphenyl-d14	92.579		14-112		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77452	7.911				
1146-65-2	Naphthalene-d8	263849	10.722				
15067-26-2	Acenaphthene-d10	187939	14.569				
1517-22-2	Phenanthrene-d10	386855	17.316				
1719-03-5	Chrysene-d12	414785	21.392				
1520-96-3	Perylene-d12	487297	23.81				

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	72-11929	SDG No.:	BP020924
Lab Sample ID:	P1411-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.4
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019648.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	900	J			9.016	
	unknown9.258	970	J			9.258	
	unknown13.004	740	J			13.004	
074645-98-0	Dodecane, 2,7,10-trimethyl-	1900	J			13.122	
000575-43-9	Naphthalene, 1,6-dimethyl-	1700	J			13.752	
000581-40-8	Naphthalene, 2,3-dimethyl-	1900	J			13.91	
000581-42-0	Naphthalene, 2,6-dimethyl-	1400	J			13.963	
062238-11-3	Decane, 2,3,5-trimethyl-	1900	J			14.063	
000575-37-1	Naphthalene, 1,7-dimethyl-	1400	J			14.14	
001127-76-0	Naphthalene, 1-ethyl-	1200	J			14.304	
	unknown14.399	810	J			14.399	
002027-17-0	Naphthalene, 2-(1-methylethyl)-	2000	J			14.799	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	1500	J			14.975	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	1000	J			15.057	
	unknown15.099	1300	J			15.099	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	1400	J			15.198	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	1900	J			15.834	
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	5100	J			16.322	
003031-15-0	Naphthalene, 1,2,3,4-tetramethyl-	790	J			16.428	
000629-50-5	Tridecane	3100	J			17.14	

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BP020924
Lab Sample ID:	P1389-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019649.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.2	U	54.2	190	230	ug/Kg
110-86-1	Pyridine	50.8	U	50.8	91.2	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	230	ug/Kg
62-53-3	Aniline	82.1	U	82.1	91.2	120	ug/Kg
108-95-2	Phenol	52.2	U	52.2	91.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	63	U	63	91.2	120	ug/Kg
95-57-8	2-Chlorophenol	50.5	U	50.5	91.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.3	U	57.3	91.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	62.1	U	62.1	91.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.8	U	57.8	91.2	120	ug/Kg
100-51-6	Benzyl Alcohol	69.3	U	69.3	190	230	ug/Kg
95-48-7	2-Methylphenol	79.9	U	79.9	91.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73.6	U	73.6	91.2	120	ug/Kg
98-86-2	Acetophenone	60.8	U	60.8	91.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	75.7	U	75.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.4	U	41.4	56.1	56.1	ug/Kg
67-72-1	Hexachloroethane	51.6	U	51.6	91.2	120	ug/Kg
98-95-3	Nitrobenzene	52.7	U	52.7	91.2	120	ug/Kg
78-59-1	Isophorone	47.8	U	47.8	91.2	120	ug/Kg
88-75-5	2-Nitrophenol	66.7	U	66.7	91.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	69.9	U	69.9	91.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	78.5	U	78.5	91.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54.8	U	54.8	91.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.4	U	54.4	91.2	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	230	ug/Kg
91-20-3	Naphthalene	57.1	U	57.1	91.2	120	ug/Kg
106-47-8	4-Chloroaniline	73.6	U	73.6	91.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.9	U	58.9	91.2	120	ug/Kg
105-60-2	Caprolactam	82.1	U	82.1	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.9	U	57.9	91.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	66.6	U	66.6	91.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BP020924
Lab Sample ID:	P1389-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019649.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	150	U	150	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54.1	U	54.1	91.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61.6	U	61.6	91.2	120	ug/Kg
92-52-4	1,1-Biphenyl	64	U	64	91.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.3	U	59.3	91.2	120	ug/Kg
88-74-4	2-Nitroaniline	69.6	U	69.6	91.2	120	ug/Kg
131-11-3	Dimethylphthalate	62.3	U	62.3	91.2	120	ug/Kg
208-96-8	Acenaphthylene	62	U	62	91.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	63.1	U	63.1	91.2	120	ug/Kg
99-09-2	3-Nitroaniline	65.5	U	65.5	91.2	120	ug/Kg
Total PAH	Total PAH	1007.8	U	1007.8	91.2	1920	ug/Kg
83-32-9	Acenaphthene	56.3	U	56.3	91.2	120	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.9	U	79.9	190	230	ug/Kg
132-64-9	Dibenzofuran	53.9	U	53.9	91.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	33.2	U	133.2	91.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	70.1	U	70.1	91.2	120	ug/Kg
84-66-2	Diethylphthalate	60.2	U	60.2	91.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63.4	U	63.4	91.2	120	ug/Kg
86-73-7	Fluorene	59.5	U	59.5	91.2	120	ug/Kg
100-01-6	4-Nitroaniline	72.9	U	72.9	91.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	61.6	U	61.6	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	65.4	U	65.4	91.2	120	ug/Kg
103-33-3	Azobenzene	51.5	U	51.5	91.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	68.3	U	68.3	91.2	120	ug/Kg
118-74-1	Hexachlorobenzene	69.3	U	69.3	91.2	120	ug/Kg
1912-24-9	Atrazine	66.9	U	66.9	91.2	120	ug/Kg
87-86-5	Pentachlorophenol	77.8	U	77.8	190	230	ug/Kg
85-01-8	Phenanthrene	65	U	65	91.2	120	ug/Kg
120-12-7	Anthracene	71.5	U	71.5	91.2	120	ug/Kg
86-74-8	Carbazole	59.5	U	59.5	91.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	72.9	U	72.9	91.2	120	ug/Kg
206-44-0	Fluoranthene	66.2	U	66.2	91.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BP020924
Lab Sample ID:	P1389-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019649.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	140	U	140	190	230	ug/Kg
129-00-0	Pyrene	58.7	U	58.7	91.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	72.2	U	72.2	91.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	58.8	U	58.8	91.2	120	ug/Kg
218-01-9	Chrysene	60.9	U	60.9	91.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	80.7	U	80.7	91.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	86.3	U	86.3	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.3	U	56.3	91.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	61.8	U	61.8	91.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	66.1	U	66.1	91.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	75	U	75	91.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67.7	U	67.7	91.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64.9	U	64.9	91.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62.7	U	62.7	91.2	120	ug/Kg
123-91-1	1,4-Dioxane	82.1	U	82.1	91.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58.1	U	58.1	91.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	63.3	U	63.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.927		18-112		62	SPK: -150
13127-88-3	Phenol-d6	94.353		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	64.934		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	68.932		20-109		69	SPK: -100
118-79-6	2,4,6-Tribromophenol	102.677		10-110		68	SPK: -150
1718-51-0	Terphenyl-d14	58.316		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110897	7.904				
1146-65-2	Naphthalene-d8	400551	10.704				
15067-26-2	Acenaphthene-d10	220702	14.539				
1517-22-2	Phenanthrene-d10	420971	17.298				
1719-03-5	Chrysene-d12	465616	21.386				
1520-96-3	Perylene-d12	557054	23.809				



Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BP020924
Lab Sample ID:	P1389-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019649.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	96.5	J			18.192	
959092-08-1	Pentafluoropropionic acid, pentade	94.4	J			21.11	

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	ETGI-347	SDG No.:	BP020924
Lab Sample ID:	P1413-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019650.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	49.3	U	49.3	170	210	ug/Kg
110-86-1	Pyridine	46.2	U	46.2	82.9	110	ug/Kg
100-52-7	Benzaldehyde	94.4	U	94.4	170	210	ug/Kg
62-53-3	Aniline	74.6	U	74.6	82.9	110	ug/Kg
108-95-2	Phenol	47.4	U	47.4	82.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.3	U	57.3	82.9	110	ug/Kg
95-57-8	2-Chlorophenol	45.9	U	45.9	82.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.1	U	52.1	82.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.4	U	56.4	82.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	52.5	U	52.5	82.9	110	ug/Kg
100-51-6	Benzyl Alcohol	63	U	63	170	210	ug/Kg
95-48-7	2-Methylphenol	72.7	U	72.7	82.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	82.9	110	ug/Kg
98-86-2	Acetophenone	55.3	U	55.3	82.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	68.9	U	68.9	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	37.6	U	37.6	51	51	ug/Kg
67-72-1	Hexachloroethane	46.9	U	46.9	82.9	110	ug/Kg
98-95-3	Nitrobenzene	48	U	48	82.9	110	ug/Kg
78-59-1	Isophorone	43.4	U	43.4	82.9	110	ug/Kg
88-75-5	2-Nitrophenol	60.6	U	60.6	82.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	63.5	U	63.5	82.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	71.4	U	71.4	82.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.8	U	49.8	82.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	49.4	U	49.4	82.9	110	ug/Kg
65-85-0	Benzoic acid	140	U	140	170	210	ug/Kg
91-20-3	Naphthalene	51.9	U	51.9	82.9	110	ug/Kg
106-47-8	4-Chloroaniline	67	U	67	82.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.6	U	53.6	82.9	110	ug/Kg
105-60-2	Caprolactam	74.6	U	74.6	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.6	U	52.6	82.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	60.5	U	60.5	82.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	ETGI-347	SDG No.:	BP020924
Lab Sample ID:	P1413-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019650.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	130	U	130	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.2	U	49.2	82.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56.1	U	56.1	82.9	110	ug/Kg
92-52-4	1,1-Biphenyl	58.2	U	58.2	82.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.9	U	53.9	82.9	110	ug/Kg
88-74-4	2-Nitroaniline	63.3	U	63.3	82.9	110	ug/Kg
131-11-3	Dimethylphthalate	56.7	U	56.7	82.9	110	ug/Kg
208-96-8	Acenaphthylene	190		56.4	82.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.4	U	57.4	82.9	110	ug/Kg
99-09-2	3-Nitroaniline	59.6	U	59.6	82.9	110	ug/Kg
83-32-9	Acenaphthene	200		51.2	82.9	110	ug/Kg
Total PAH	Total PAH	9424.1		916.3	82.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	170	210	ug/Kg
100-02-7	4-Nitrophenol	72.7	U	72.7	170	210	ug/Kg
132-64-9	Dibenzofuran	140		49	82.9	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	63.7	U	63.7	82.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	21.1	U	121.1	82.9	220	ug/Kg
84-66-2	Diethylphthalate	54.8	U	54.8	82.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.6	U	57.6	82.9	110	ug/Kg
86-73-7	Fluorene	260		54.1	82.9	110	ug/Kg
100-01-6	4-Nitroaniline	66.3	U	66.3	82.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	56	U	56	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	59.5	U	59.5	82.9	110	ug/Kg
103-33-3	Azobenzene	46.9	U	46.9	82.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	62.1	U	62.1	82.9	110	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	82.9	110	ug/Kg
1912-24-9	Atrazine	60.8	U	60.8	82.9	110	ug/Kg
87-86-5	Pentachlorophenol	70.8	U	70.8	170	210	ug/Kg
85-01-8	Phenanthrene	1000		59.1	82.9	110	ug/Kg
120-12-7	Anthracene	720		65	82.9	110	ug/Kg
86-74-8	Carbazole	110		54.1	82.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	66.3	U	66.3	82.9	110	ug/Kg
206-44-0	Fluoranthene	2100	E	60.2	82.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	ETGI-347	SDG No.:	BP020924
Lab Sample ID:	P1413-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019650.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	120	U	120	170	210	ug/Kg
129-00-0	Pyrene	1300		53.4	82.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.7	U	65.7	82.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	810		53.5	82.9	110	ug/Kg
218-01-9	Chrysene	900		55.3	82.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	73.3	U	73.3	82.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	78.4	U	78.4	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	850		51.2	82.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	240		56.2	82.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	450		60.1	82.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170		68.2	82.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64.1	J	61.5	82.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170		59	82.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	82.9	110	ug/Kg
123-91-1	1,4-Dioxane	74.6	U	74.6	82.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.9	U	52.9	82.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	57.5	U	57.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.07		18-112		63	SPK: -150
13127-88-3	Phenol-d6	89.997		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	65.347		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	67.462		20-109		67	SPK: -100
118-79-6	2,4,6-Tribromophenol	117.414		10-110		78	SPK: -150
1718-51-0	Terphenyl-d14	60.332		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99186	7.905				
1146-65-2	Naphthalene-d8	341906	10.704				
15067-26-2	Acenaphthene-d10	188098	14.54				
1517-22-2	Phenanthrene-d10	415846	17.298				
1719-03-5	Chrysene-d12	492456	21.392				
1520-96-3	Perylene-d12	574810	23.81				

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	ETGI-347	SDG No.:	BP020924
Lab Sample ID:	P1413-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019650.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	77.2	J			15.887	
	unknown16.269	160	J			16.269	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	82	J			17.022	
000132-65-0	Dibenzothiophene	94.8	J			17.116	
000779-02-2	Anthracene, 9-methyl-	120	J			18.163	
000832-69-9	Phenanthrene, 1-methyl-	360	J			18.204	
002531-84-2	Phenanthrene, 2-methyl-	180	J			18.292	
000203-64-5	4H-Cyclopenta[def]phenanthrene	360	J			18.351	
107426-38-0	Naphtho[2,3-b]norbornadiene	79.5	J			18.386	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	100	J			18.651	
000084-65-1	9,10-Anthracenedione	180	J			18.692	
002789-88-0	di-p-Tolylacetylene	180	J			19.051	
005737-13-3	Cyclopenta(def)phenanthrenone	150	J			19.186	
002381-21-7	Pyrene, 1-methyl-	74.8	J			19.98	
000243-17-4	11H-Benzo[b]fluorene	81.6	J			20.145	
000238-84-6	11H-Benzo[a]fluorene	87.8	J			20.239	
	unknown21.116	77.4	J			21.116	
000198-55-0	Perylene	150	J			23.263	
000192-97-2	Benzo[e]pyrene	460	J			23.598	
	unknown24.074	120	J			24.074	

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	ETGI-358	SDG No.:	BP020924
Lab Sample ID:	P1413-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019651.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.5	U	52.5	180	220	ug/Kg
110-86-1	Pyridine	49.1	U	49.1	88.2	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	180	220	ug/Kg
62-53-3	Aniline	79.4	U	79.4	88.2	120	ug/Kg
108-95-2	Phenol	50.5	U	50.5	88.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.9	U	60.9	88.2	120	ug/Kg
95-57-8	2-Chlorophenol	48.9	U	48.9	88.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.4	U	55.4	88.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.1	U	60.1	88.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.9	U	55.9	88.2	120	ug/Kg
100-51-6	Benzyl Alcohol	67	U	67	180	220	ug/Kg
95-48-7	2-Methylphenol	77.4	U	77.4	88.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71.2	U	71.2	88.2	120	ug/Kg
98-86-2	Acetophenone	58.8	U	58.8	88.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	73.3	U	73.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40	U	40	54.3	54.3	ug/Kg
67-72-1	Hexachloroethane	49.9	U	49.9	88.2	120	ug/Kg
98-95-3	Nitrobenzene	51	U	51	88.2	120	ug/Kg
78-59-1	Isophorone	46.2	U	46.2	88.2	120	ug/Kg
88-75-5	2-Nitrophenol	64.5	U	64.5	88.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	67.6	U	67.6	88.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	76	U	76	88.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	88.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.6	U	52.6	88.2	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	220	ug/Kg
91-20-3	Naphthalene	55.2	U	55.2	88.2	120	ug/Kg
106-47-8	4-Chloroaniline	71.2	U	71.2	88.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	88.2	120	ug/Kg
105-60-2	Caprolactam	79.4	U	79.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	88.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	64.4	U	64.4	88.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	ETGI-358	SDG No.:	BP020924
Lab Sample ID:	P1413-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019651.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.3	U	52.3	88.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59.6	U	59.6	88.2	120	ug/Kg
92-52-4	1,1-Biphenyl	62	U	62	88.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.4	U	57.4	88.2	120	ug/Kg
88-74-4	2-Nitroaniline	67.4	U	67.4	88.2	120	ug/Kg
131-11-3	Dimethylphthalate	60.3	U	60.3	88.2	120	ug/Kg
208-96-8	Acenaphthylene	60	U	60	88.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.1	U	61.1	88.2	120	ug/Kg
99-09-2	3-Nitroaniline	63.4	U	63.4	88.2	120	ug/Kg
83-32-9	Acenaphthene	54.5	U	54.5	88.2	120	ug/Kg
Total PAH	Total PAH	975.2	U	975.2	88.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.4	U	77.4	180	220	ug/Kg
132-64-9	Dibenzofuran	52.2	U	52.2	88.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	28.9	U	128.9	88.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	67.8	U	67.8	88.2	120	ug/Kg
84-66-2	Diethylphthalate	58.3	U	58.3	88.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.3	U	61.3	88.2	120	ug/Kg
86-73-7	Fluorene	57.5	U	57.5	88.2	120	ug/Kg
100-01-6	4-Nitroaniline	70.6	U	70.6	88.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	59.6	U	59.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	63.3	U	63.3	88.2	120	ug/Kg
103-33-3	Azobenzene	49.9	U	49.9	88.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	66.1	U	66.1	88.2	120	ug/Kg
118-74-1	Hexachlorobenzene	67	U	67	88.2	120	ug/Kg
1912-24-9	Atrazine	64.7	U	64.7	88.2	120	ug/Kg
87-86-5	Pentachlorophenol	3000	E	75.3	180	220	ug/Kg
85-01-8	Phenanthrene	62.9	U	62.9	88.2	120	ug/Kg
120-12-7	Anthracene	69.2	U	69.2	88.2	120	ug/Kg
86-74-8	Carbazole	57.6	U	57.6	88.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	70.6	U	70.6	88.2	120	ug/Kg
206-44-0	Fluoranthene	160		64.1	88.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	ETGI-358	SDG No.:	BP020924
Lab Sample ID:	P1413-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019651.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	150		56.8	88.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	69.9	U	69.9	88.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	120		56.9	88.2	120	ug/Kg
218-01-9	Chrysene	110	J	58.9	88.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	78	U	78	88.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	83.5	U	83.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	190		54.5	88.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	59.8	U	59.8	88.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	64	88.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72.6	U	72.6	88.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65.5	U	65.5	88.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	66.2	J	62.8	88.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.7	U	60.7	88.2	120	ug/Kg
123-91-1	1,4-Dioxane	79.4	U	79.4	88.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170		56.3	88.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	61.2	U	61.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.189		18-112		59	SPK: -150
13127-88-3	Phenol-d6	83.344		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	60.042		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	60.05		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	98.613		10-110		66	SPK: -150
1718-51-0	Terphenyl-d14	49.269		14-112		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95225	7.905				
1146-65-2	Naphthalene-d8	328230	10.704				
15067-26-2	Acenaphthene-d10	182886	14.539				
1517-22-2	Phenanthrene-d10	378150	17.298				
1719-03-5	Chrysene-d12	464271	21.386				
1520-96-3	Perylene-d12	559321	23.81				



Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	ETGI-358	SDG No.:	BP020924
Lab Sample ID:	P1413-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019651.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	210	J			18.198	
000661-19-8	Behenic alcohol	90.5	J			21.11	

Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	WC-COMP	SDG No.:	BP020924
Lab Sample ID:	P1339-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019652.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	90.6	U	90.6	320	390	ug/Kg
110-86-1	Pyridine	84.9	U	84.9	150	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	320	390	ug/Kg
62-53-3	Aniline	140	U	140	150	200	ug/Kg
108-95-2	Phenol	87.2	U	87.2	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	150	200	ug/Kg
95-57-8	2-Chlorophenol	84.4	U	84.4	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	95.7	U	95.7	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.6	U	96.6	150	200	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	320	390	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	69.1	U	69.1	93.8	93.8	ug/Kg
67-72-1	Hexachloroethane	86.3	U	86.3	150	200	ug/Kg
98-95-3	Nitrobenzene	88.1	U	88.1	150	200	ug/Kg
78-59-1	Isophorone	79.8	U	79.8	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	91.5	U	91.5	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.8	U	90.8	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	320	390	ug/Kg
91-20-3	Naphthalene	95.4	U	95.4	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98.4	U	98.4	150	200	ug/Kg
105-60-2	Caprolactam	140	U	140	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.7	U	96.7	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	WC-COMP	SDG No.:	BP020924
Lab Sample ID:	P1339-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.9
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019652.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	250	U	250	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90.4	U	90.4	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	150	200	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	99.1	U	99.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	150	200	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	94.1	U	94.1	150	200	ug/Kg
Total PAH	Total PAH	5310	U	1679.4	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	320	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	320	390	ug/Kg
132-64-9	Dibenzofuran	90.1	U	90.1	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	150	400	ug/Kg
84-66-2	Diethylphthalate	100	U	100	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	150	200	ug/Kg
86-73-7	Fluorene	99.4	U	99.4	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	200	ug/Kg
103-33-3	Azobenzene	86.1	U	86.1	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	200	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	320	390	ug/Kg
85-01-8	Phenanthrene	540		110	150	200	ug/Kg
120-12-7	Anthracene	130	J	120	150	200	ug/Kg
86-74-8	Carbazole	99.5	U	99.5	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	1100		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	WC-COMP	SDG No.:	BP020924
Lab Sample ID:	P1339-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019652.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	230	U	230	320	390	ug/Kg
129-00-0	Pyrene	760		98.1	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	520		98.3	150	200	ug/Kg
218-01-9	Chrysene	480		100	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	620		94.1	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	200		100	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	430		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		130	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		110	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97.2	U	97.2	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	104.303		18-112		70	SPK: -150
13127-88-3	Phenol-d6	104.08		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	73.027		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	80.31		20-109		80	SPK: -100
118-79-6	2,4,6-Tribromophenol	127.607		10-110		85	SPK: -150
1718-51-0	Terphenyl-d14	67.473		14-112		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98937	7.905				
1146-65-2	Naphthalene-d8	346366	10.705				
15067-26-2	Acenaphthene-d10	189125	14.54				
1517-22-2	Phenanthrene-d10	388562	17.298				
1719-03-5	Chrysene-d12	463875	21.386				
1520-96-3	Perylene-d12	558486	23.804				



Report of Analysis

Client:		Date Collected:	2/1/2024 12:00:00 AM
Project:		Date Received:	2/1/2024 12:00:00 AM
Client Sample ID:	WC-COMP	SDG No.:	BP020924
Lab Sample ID:	P1339-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019652.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	1400	J			13.446	
000057-10-3	n-Hexadecanoic acid	290	J			18.192	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			18.351	
	unknown21.110	110	J			21.11	
000205-82-3	Benzo[j]fluoranthene	430	J			23.592	

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BP020924
Lab Sample ID:	P1378-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019653.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.3	U	54.3	190	230	ug/Kg
110-86-1	Pyridine	50.8	U	50.8	91.3	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	230	ug/Kg
62-53-3	Aniline	82.1	U	82.1	91.3	120	ug/Kg
108-95-2	Phenol	52.2	U	52.2	91.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	63.1	U	63.1	91.3	120	ug/Kg
95-57-8	2-Chlorophenol	50.6	U	50.6	91.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.4	U	57.4	91.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	62.1	U	62.1	91.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.9	U	57.9	91.3	120	ug/Kg
100-51-6	Benzyl Alcohol	69.4	U	69.4	190	230	ug/Kg
95-48-7	2-Methylphenol	80	U	80	91.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73.7	U	73.7	91.3	120	ug/Kg
98-86-2	Acetophenone	60.9	U	60.9	91.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	75.8	U	75.8	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.4	U	41.4	56.2	56.2	ug/Kg
67-72-1	Hexachloroethane	51.7	U	51.7	91.3	120	ug/Kg
98-95-3	Nitrobenzene	52.8	U	52.8	91.3	120	ug/Kg
78-59-1	Isophorone	47.8	U	47.8	91.3	120	ug/Kg
88-75-5	2-Nitrophenol	66.8	U	66.8	91.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	69.9	U	69.9	91.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	78.6	U	78.6	91.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54.8	U	54.8	91.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.4	U	54.4	91.3	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	230	ug/Kg
91-20-3	Naphthalene	57.2	U	57.2	91.3	120	ug/Kg
106-47-8	4-Chloroaniline	73.7	U	73.7	91.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	59	91.3	120	ug/Kg
105-60-2	Caprolactam	82.1	U	82.1	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.9	U	57.9	91.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	66.6	U	66.6	91.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BP020924
Lab Sample ID:	P1378-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019653.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	150	U	150	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54.1	U	54.1	91.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61.7	U	61.7	91.3	120	ug/Kg
92-52-4	1,1-Biphenyl	64.1	U	64.1	91.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.4	U	59.4	91.3	120	ug/Kg
88-74-4	2-Nitroaniline	69.7	U	69.7	91.3	120	ug/Kg
131-11-3	Dimethylphthalate	62.4	U	62.4	91.3	120	ug/Kg
208-96-8	Acenaphthylene	62.1	U	62.1	91.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	63.2	U	63.2	91.3	120	ug/Kg
99-09-2	3-Nitroaniline	65.6	U	65.6	91.3	120	ug/Kg
83-32-9	Acenaphthene	56.4	U	56.4	91.3	120	ug/Kg
Total PAH	Total PAH	1009.1	U	1009.1	91.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	190	230	ug/Kg
100-02-7	4-Nitrophenol	80	U	80	190	230	ug/Kg
132-64-9	Dibenzofuran	54	U	54	91.3	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	70.1	U	70.1	91.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	33.3	U	133.3	91.3	240	ug/Kg
84-66-2	Diethylphthalate	60.3	U	60.3	91.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63.5	U	63.5	91.3	120	ug/Kg
86-73-7	Fluorene	59.5	U	59.5	91.3	120	ug/Kg
100-01-6	4-Nitroaniline	73	U	73	91.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	61.6	U	61.6	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	65.5	U	65.5	91.3	120	ug/Kg
103-33-3	Azobenzene	51.6	U	51.6	91.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	68.4	U	68.4	91.3	120	ug/Kg
118-74-1	Hexachlorobenzene	69.4	U	69.4	91.3	120	ug/Kg
1912-24-9	Atrazine	67	U	67	91.3	120	ug/Kg
87-86-5	Pentachlorophenol	77.9	U	77.9	190	230	ug/Kg
85-01-8	Phenanthrene	65.1	U	65.1	91.3	120	ug/Kg
120-12-7	Anthracene	71.6	U	71.6	91.3	120	ug/Kg
86-74-8	Carbazole	59.6	U	59.6	91.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	91.3	120	ug/Kg
206-44-0	Fluoranthene	66.3	U	66.3	91.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BP020924
Lab Sample ID:	P1378-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019653.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	140	U	140	190	230	ug/Kg
129-00-0	Pyrene	65.8	J	58.8	91.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	72.3	U	72.3	91.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	58.9	U	58.9	91.3	120	ug/Kg
218-01-9	Chrysene	60.9	U	60.9	91.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	80.7	U	80.7	91.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	86.4	U	86.4	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	61.1	J	56.4	91.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	61.9	U	61.9	91.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	66.2	U	66.2	91.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	75.1	U	75.1	91.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67.8	U	67.8	91.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64.9	U	64.9	91.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62.8	U	62.8	91.3	120	ug/Kg
123-91-1	1,4-Dioxane	82.1	U	82.1	91.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58.2	U	58.2	91.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	63.3	U	63.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.144		18-112		55	SPK: -150
13127-88-3	Phenol-d6	88.601		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	59.82		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	70.544		20-109		71	SPK: -100
118-79-6	2,4,6-Tribromophenol	120.684		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	63.769		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98604	7.904				
1146-65-2	Naphthalene-d8	349056	10.704				
15067-26-2	Acenaphthene-d10	191288	14.539				
1517-22-2	Phenanthrene-d10	388038	17.298				
1719-03-5	Chrysene-d12	457317	21.386				
1520-96-3	Perylene-d12	553514	23.809				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BP020924
Lab Sample ID:	P1378-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019653.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	99.7	J			18.192	
018835-32-0	1-Tricosene	75.1	J			21.109	

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BP020924
Lab Sample ID:	P1389-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019654.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.9	U	54.9	190	230	ug/Kg
110-86-1	Pyridine	51.4	U	51.4	92.3	120	ug/Kg
100-52-7	Benzaldehyde	110	U	110	190	230	ug/Kg
62-53-3	Aniline	83.1	U	83.1	92.3	120	ug/Kg
108-95-2	Phenol	52.8	U	52.8	92.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	63.7	U	63.7	92.3	120	ug/Kg
95-57-8	2-Chlorophenol	51.1	U	51.1	92.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58	U	58	92.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	62.8	U	62.8	92.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.5	U	58.5	92.3	120	ug/Kg
100-51-6	Benzyl Alcohol	70.1	U	70.1	190	230	ug/Kg
95-48-7	2-Methylphenol	80.9	U	80.9	92.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74.5	U	74.5	92.3	120	ug/Kg
98-86-2	Acetophenone	61.5	U	61.5	92.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	76.7	U	76.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.9	U	41.9	56.8	56.8	ug/Kg
67-72-1	Hexachloroethane	52.2	U	52.2	92.3	120	ug/Kg
98-95-3	Nitrobenzene	53.4	U	53.4	92.3	120	ug/Kg
78-59-1	Isophorone	48.3	U	48.3	92.3	120	ug/Kg
88-75-5	2-Nitrophenol	67.5	U	67.5	92.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	70.7	U	70.7	92.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	79.5	U	79.5	92.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	55.4	U	55.4	92.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55	U	55	92.3	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	190	230	ug/Kg
91-20-3	Naphthalene	57.8	U	57.8	92.3	120	ug/Kg
106-47-8	4-Chloroaniline	74.5	U	74.5	92.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	59.6	U	59.6	92.3	120	ug/Kg
105-60-2	Caprolactam	83.1	U	83.1	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58.6	U	58.6	92.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	67.4	U	67.4	92.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BP020924
Lab Sample ID:	P1389-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019654.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	150	U	150	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54.7	U	54.7	92.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62.4	U	62.4	92.3	120	ug/Kg
92-52-4	1,1-Biphenyl	64.8	U	64.8	92.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	60.1	U	60.1	92.3	120	ug/Kg
88-74-4	2-Nitroaniline	70.5	U	70.5	92.3	120	ug/Kg
131-11-3	Dimethylphthalate	63.1	U	63.1	92.3	120	ug/Kg
208-96-8	Acenaphthylene	62.8	U	62.8	92.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	63.9	U	63.9	92.3	120	ug/Kg
99-09-2	3-Nitroaniline	66.3	U	66.3	92.3	120	ug/Kg
83-32-9	Acenaphthene	57	U	57	92.3	120	ug/Kg
Total PAH	Total PAH	1020.2	U	1020.2	92.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.9	U	80.9	190	230	ug/Kg
132-64-9	Dibenzofuran	54.6	U	54.6	92.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	134.8	U	134.8	92.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	70.9	U	70.9	92.3	120	ug/Kg
84-66-2	Diethylphthalate	61	U	61	92.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64.2	U	64.2	92.3	120	ug/Kg
86-73-7	Fluorene	60.2	U	60.2	92.3	120	ug/Kg
100-01-6	4-Nitroaniline	73.8	U	73.8	92.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	62.3	U	62.3	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	66.2	U	66.2	92.3	120	ug/Kg
103-33-3	Azobenzene	52.2	U	52.2	92.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	69.1	U	69.1	92.3	120	ug/Kg
118-74-1	Hexachlorobenzene	70.1	U	70.1	92.3	120	ug/Kg
1912-24-9	Atrazine	67.7	U	67.7	92.3	120	ug/Kg
87-86-5	Pentachlorophenol	78.8	U	78.8	190	230	ug/Kg
85-01-8	Phenanthrene	65.8	U	65.8	92.3	120	ug/Kg
120-12-7	Anthracene	72.4	U	72.4	92.3	120	ug/Kg
86-74-8	Carbazole	60.3	U	60.3	92.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	73.8	U	73.8	92.3	120	ug/Kg
206-44-0	Fluoranthene	67	U	67	92.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BP020924
Lab Sample ID:	P1389-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019654.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	140	U	140	190	230	ug/Kg
129-00-0	Pyrene	59.4	U	59.4	92.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	73.1	U	73.1	92.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	59.6	U	59.6	92.3	120	ug/Kg
218-01-9	Chrysene	61.6	U	61.6	92.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	81.6	U	81.6	92.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	87.3	U	87.3	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	92.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	62.5	U	62.5	92.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	66.9	U	66.9	92.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	76	U	76	92.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68.5	U	68.5	92.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65.7	U	65.7	92.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63.5	U	63.5	92.3	120	ug/Kg
123-91-1	1,4-Dioxane	83.1	U	83.1	92.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58.9	U	58.9	92.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	64	U	64	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.752		18-112		58	SPK: -150
13127-88-3	Phenol-d6	85.941		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	56.952		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	58.256		20-109		58	SPK: -100
118-79-6	2,4,6-Tribromophenol	100.353		10-110		67	SPK: -150
1718-51-0	Terphenyl-d14	54.192		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99810	7.905				
1146-65-2	Naphthalene-d8	371603	10.704				
15067-26-2	Acenaphthene-d10	217699	14.539				
1517-22-2	Phenanthrene-d10	461129	17.292				
1719-03-5	Chrysene-d12	499323	21.386				
1520-96-3	Perylene-d12	576344	23.804				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	2/5/2024 12:00:00 AM
Project:		Date Received:	2/5/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BP020924
Lab Sample ID:	P1389-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BP019654.D	1	2/8/2024 12:00:00 AM	2/10/2024 12:00:00 AM	PB158902

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	150	J			18.192	
010192-32-2	1-Tetracosene	140	J			21.11	

Hit Summary Sheet

SW-846

SDG No.: BP020924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-COMP								
P1339-01	WC-COMP	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	1,400.000	J		
P1339-01	WC-COMP	Solid	4H-Cyclopenta[def]phenanthrene	*	130.000	J		
P1339-01	WC-COMP	Solid	Benzo[j]fluoranthene	*	430.000	J		
P1339-01	WC-COMP	Solid	n-Hexadecanoic acid	*	290.000	J		
P1339-01	WC-COMP	Solid	unknown21.110	*	110.000	J		
Total Tics :					2,360.00			
P1339-01	WC-COMP	Solid	Anthracene		130.000	J	120	200 ug/Kg
P1339-01	WC-COMP	Solid	Benzo(a)anthracene		520.000		98.3	200 ug/Kg
P1339-01	WC-COMP	Solid	Benzo(a)pyrene		430.000		110	200 ug/Kg
P1339-01	WC-COMP	Solid	Benzo(b)fluoranthene		620.000		94.1	200 ug/Kg
P1339-01	WC-COMP	Solid	Benzo(g,h,i)perylene		270.000		110	200 ug/Kg
P1339-01	WC-COMP	Solid	Benzo(k)fluoranthene		200.000		100	200 ug/Kg
P1339-01	WC-COMP	Solid	Chrysene		480.000		100	200 ug/Kg
P1339-01	WC-COMP	Solid	Fluoranthene		1,100.000		110	200 ug/Kg
P1339-01	WC-COMP	Solid	Indeno(1,2,3-cd)pyrene		260.000		130	200 ug/Kg
P1339-01	WC-COMP	Solid	Phenanthrene		540.000		110	200 ug/Kg
P1339-01	WC-COMP	Solid	Pyrene		760.000		98.1	200 ug/Kg
Total Svoc :					5,310.00			
Total Concentration:					7,670.00			
Client ID : MR-323P-GW-20240131-0								
P1342-06	MR-323P-GW-20240131	Water	1-Methylindan-2-one	*	14.800	J		
P1342-06	MR-323P-GW-20240131	Water	1H-Inden-1-one, 2,3-dihydro-	*	46.600	J		
P1342-06	MR-323P-GW-20240131	Water	1H-Inden-1-one, 2,3-dihydro-2-m	*	8.400	J		
P1342-06	MR-323P-GW-20240131	Water	1H-Inden-5-ol, 2,3-dihydro-	*	44.700	J		
P1342-06	MR-323P-GW-20240131	Water	2,4,6-Trimethylbenzyl alcohol	*	7.800	J		
P1342-06	MR-323P-GW-20240131	Water	2-(2-(2-Butoxyethoxy)ethoxy)ace	*	6.800	J		
P1342-06	MR-323P-GW-20240131	Water	2-Butanol, 2,3-dimethyl-	*	9.200	J		
P1342-06	MR-323P-GW-20240131	Water	3,5-Dimethylphenylacetic acid	*	9.000	J		
P1342-06	MR-323P-GW-20240131	Water	3-tert-Butylbenzoic acid	*	9.900	J		
P1342-06	MR-323P-GW-20240131	Water	3a,4,5,6,7,7a-Hexahydro-4,7-met	*	10.000	J		
P1342-06	MR-323P-GW-20240131	Water	7-Methylindan-1-one	*	6.900	J		
P1342-06	MR-323P-GW-20240131	Water	Benzaldehyde, 4-(1-methylethyl)-	*	7.500	J		
P1342-06	MR-323P-GW-20240131	Water	Benzene, (1-methylenepropyl)-	*	6.800	J		
P1342-06	MR-323P-GW-20240131	Water	Benzene, 1-ethenyl-3-ethyl-	*	8.600	J		
P1342-06	MR-323P-GW-20240131	Water	Hexanoic acid, 3,5,5-trimethyl-	*	10.700	J		
P1342-06	MR-323P-GW-20240131	Water	unknown11.569	*	9.700	J		
P1342-06	MR-323P-GW-20240131	Water	unknown13.687	*	15.300	J		
P1342-06	MR-323P-GW-20240131	Water	unknown14.075	*	14.800	J		
P1342-06	MR-323P-GW-20240131	Water	unknown8.187	*	12.500	J		

Hit Summary Sheet
SW-846

SDG No.: BP020924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P1342-06	MR-323P-GW-20240131	Water	unknown8.981	*	9.200	J		
Total Tics :						269.20		
Total Concentration:						269.20		
Client ID : B-5(10-12)DL								
P1365-01DL	B-5(10-12)DL	Solid	2,4-Dimethylphenol	11,500.000	D	660	1100	ug/Kg
P1365-01DL	B-5(10-12)DL	Solid	2-Methylnaphthalene	810.000	JD	630	1100	ug/Kg
P1365-01DL	B-5(10-12)DL	Solid	3+4-Methylphenols	720.000	JD	720	2200	ug/Kg
P1365-01DL	B-5(10-12)DL	Solid	Benzoic acid	4,200.000	D	1400	2200	ug/Kg
P1365-01DL	B-5(10-12)DL	Solid	Bis(2-ethylhexyl)phthalate	3,200.000	D	770	1100	ug/Kg
P1365-01DL	B-5(10-12)DL	Solid	Dimethylphthalate	2,300.000	D	590	1100	ug/Kg
Total Svoc :						22,730.00		
Total Concentration:						22,730.00		
Client ID : CG-MW-17-ch4DL3								
P1372-05DL3	CG-MW-17-ch4DL3	Water	1-Methylnaphthalene	460.000	D	170	410	ug/L
P1372-05DL3	CG-MW-17-ch4DL3	Water	Naphthalene	4,700.000	D	140	410	ug/L
Total Svoc :						5,160.00		
Total Concentration:						5,160.00		
Client ID : CG-MW-17-ch5DL								
P1372-06DL	CG-MW-17-ch5DL	Water	1-Methylnaphthalene	60.300	D	10.7	25.8	ug/L
P1372-06DL	CG-MW-17-ch5DL	Water	3+4-Methylphenols	260.000	D	11.1	51.5	ug/L
P1372-06DL	CG-MW-17-ch5DL	Water	Acenaphthene	21.200	JD	8.9	25.8	ug/L
P1372-06DL	CG-MW-17-ch5DL	Water	Acenaphthylene	21.900	JD	11	25.8	ug/L
P1372-06DL	CG-MW-17-ch5DL	Water	Naphthalene	270.000	D	8.7	25.8	ug/L
P1372-06DL	CG-MW-17-ch5DL	Water	Phenol	11.800	JD	7.6	25.8	ug/L
P1372-06DL	CG-MW-17-ch5DL	Water	Total PAH	313.000	JD	159.2	412.8	ug/L
Total Svoc :						958.20		
Total Concentration:						958.20		
Client ID : CG-MW-17-ch6DL								
P1372-07DL	CG-MW-17-ch6DL	Water	1-Methylnaphthalene	22.000	JD	10.5	25.3	ug/L
P1372-07DL	CG-MW-17-ch6DL	Water	3+4-Methylphenols	190.000	D	10.9	50.5	ug/L
P1372-07DL	CG-MW-17-ch6DL	Water	Naphthalene	310.000	D	8.5	25.3	ug/L
Total Svoc :						522.00		
Total Concentration:						522.00		
Client ID : CG-MW-17-ch7DL								
P1372-08DL	CG-MW-17-ch7DL	Water	3+4-Methylphenols	720.000	D	21.6	100	ug/L
P1372-08DL	CG-MW-17-ch7DL	Water	Naphthalene	140.000	D	16.9	50	ug/L
Total Svoc :						860.00		
Total Concentration:						860.00		
Client ID : TP-4								
P1378-01	TP-4	Solid	1-Tricosene	*	75.100	J		

Hit Summary Sheet
SW-846

SDG No.: BP020924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1378-01	TP-4	Solid	n-Hexadecanoic acid	*	99.700	J		
			Total Tics :		174.80			
P1378-01	TP-4	Solid	Benzo(b)fluoranthene		61.100	J 56.4	120	ug/Kg
P1378-01	TP-4	Solid	Pyrene		65.800	J 58.8	120	ug/Kg
			Total Svoc :		126.90			
			Total Concentration:		301.70			
Client ID : TP-5								
P1378-03	TP-5	Solid	1-Tetracosene	*	95.600	J		
P1378-03	TP-5	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	85.200	A		
P1378-03	TP-5	Solid	n-Hexadecanoic acid	*	180.000	J		
P1378-03	TP-5	Solid	Octadecanoic acid	*	58.900	J		
			Total Tics :		419.70			
P1378-03	TP-5	Solid	Benzo(b)fluoranthene		56.100	J 54.2	110	ug/Kg
P1378-03	TP-5	Solid	Fluoranthene		64.900	J 63.7	110	ug/Kg
P1378-03	TP-5	Solid	Pyrene		72.900	J 56.5	110	ug/Kg
			Total Svoc :		193.90			
			Total Concentration:		613.60			
Client ID : RE137-CARBON-20240205								
P1379-01	RE137-CARBON-20240205	Solid	5-Eicosene, (E)-	*	300.000	J		
P1379-01	RE137-CARBON-20240205	Solid	Ethane, 1,1,2-trichloro-	*	790.000	J		
P1379-01	RE137-CARBON-20240205	Solid	n-Hexadecanoic acid	*	400.000	J		
P1379-01	RE137-CARBON-20240205	Solid	Octadecanoic acid	*	110.000	J		
P1379-01	RE137-CARBON-20240205	Solid	Trichloroethylene	*	590.000	J		
			Total Tics :		2,190.00			
			Total Concentration:		2,190.00			
Client ID : HD-01-020724DL								
P1387-01DL	HD-01-020724DL	Solid	1-Methylnaphthalene		1,600.000	D 630	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	2-Methylnaphthalene		1,600.000	D 660	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Acenaphthene		1,200.000	D 560	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Acenaphthylene		1,600.000	D 620	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Anthracene		2,900.000	D 710	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Benzo(a)anthracene		3,800.000	D 580	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Benzo(a)pyrene		3,700.000	D 660	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Benzo(b)fluoranthene		3,800.000	D 560	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Benzo(g,h,i)perylene		1,900.000	D 640	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Benzo(k)fluoranthene		1,500.000	D 610	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Carbazole		810.000	JD 590	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Chrysene		3,500.000	D 610	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Dibenzofuran		920.000	JD 540	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Fluoranthene		8,900.000	D 660	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Fluorene		2,500.000	D 590	1200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP020924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1387-01DL	HD-01-020724DL	Solid	Indeno(1,2,3-cd)pyrene	1,600.000	D	750	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Naphthalene	1,600.000	D	570	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Phenanthrene	9,400.000	D	650	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Pyrene	8,000.000	D	580	1200	ug/Kg
P1387-01DL	HD-01-020724DL	Solid	Total PAH	55,900.000	D	10020	19200	ug/Kg
Total Svoc :				116,730.00				
Total Concentration:				116,730.00				
Client ID : WC-1								
P1389-01	WC-1	Solid	n-Hexadecanoic acid	*	96.500	J		
P1389-01	WC-1	Solid	Pentafluoropropionic acid, pentad	*	94.400	J		
Total Tics :				190.90				
Total Concentration:				190.90				
Client ID : WC-2								
P1389-05	WC-2	Solid	1-Tetracosene	*	140.000	J		
P1389-05	WC-2	Solid	n-Hexadecanoic acid	*	150.000	J		
Total Tics :				290.00				
Total Concentration:				290.00				
Client ID : WC-3								
P1389-09	WC-3	Solid	n-Hexadecanoic acid	*	140.000	J		
P1389-09	WC-3	Solid	n-Tetracosanol-1	*	140.000	J		
Total Tics :				280.00				
Total Concentration:				280.00				
Client ID : WC-4								
P1389-13	WC-4	Solid	Heptacos-1-ene	*	160.000	J		
P1389-13	WC-4	Solid	n-Hexadecanoic acid	*	230.000	J		
P1389-13	WC-4	Solid	Octadecanoic acid	*	110.000	J		
Total Tics :				500.00				
Total Concentration:				500.00				
Client ID : SP-1								
P1391-01	SP-1	Solid	1-Tricosene	*	100.000	J		
P1391-01	SP-1	Solid	n-Hexadecanoic acid	*	150.000	J		
Total Tics :				250.00				
P1391-01	SP-1	Solid	Benzo(b)fluoranthene		60.800	J	52.9	110 ug/Kg
P1391-01	SP-1	Solid	Fluoranthene		120.000		62.1	110 ug/Kg
P1391-01	SP-1	Solid	Pyrene		87.400	J	55.1	110 ug/Kg
Total Svoc :				268.20				
Total Concentration:				518.20				
Client ID : SP-2								
P1391-11	SP-2	Solid	1-Tetracosene	*	72.700	J		
P1391-11	SP-2	Solid	n-Hexadecanoic acid	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BP020924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :			182.70		
			Total Concentration:			182.70		
Client ID : SP-3								
P1391-21	SP-3	Solid	5-Eicosene, (E)-	*	89.500	J		
P1391-21	SP-3	Solid	n-Hexadecanoic acid	*	98.900	J		
			Total Tics :			188.40		
			Total Concentration:			188.40		
Client ID : 72-11929								
P1411-01	72-11929	Solid	3-Ethyl-2,6,10-trimethylundecane	*	5,100.000	J		
P1411-01	72-11929	Solid	Benzene, 1-ethyl-2,3-dimethyl-	*	900.000	J		
P1411-01	72-11929	Solid	Decane, 2,3,5-trimethyl-	*	1,900.000	J		
P1411-01	72-11929	Solid	Dodecane, 2,7,10-trimethyl-	*	1,900.000	J		
P1411-01	72-11929	Solid	Naphthalene, 1,2,3,4-tetramethyl-	*	790.000	J		
P1411-01	72-11929	Solid	Naphthalene, 1,4,6-trimethyl-	*	1,000.000	J		
P1411-01	72-11929	Solid	Naphthalene, 1,6,7-trimethyl-	*	1,500.000	J		
P1411-01	72-11929	Solid	Naphthalene, 1,6-dimethyl-	*	1,700.000	J		
P1411-01	72-11929	Solid	Naphthalene, 1,7-dimethyl-	*	1,400.000	J		
P1411-01	72-11929	Solid	Naphthalene, 1-ethyl-	*	1,200.000	J		
P1411-01	72-11929	Solid	Naphthalene, 2,3,6-trimethyl-	*	1,400.000	J		
P1411-01	72-11929	Solid	Naphthalene, 2,3-dimethyl-	*	1,900.000	J		
P1411-01	72-11929	Solid	Naphthalene, 2,6-dimethyl-	*	1,400.000	J		
P1411-01	72-11929	Solid	Naphthalene, 2-(1-methylethyl)-	*	2,000.000	J		
P1411-01	72-11929	Solid	Pentadecane, 2,6,10-trimethyl-	*	1,900.000	J		
P1411-01	72-11929	Solid	Tridecane	*	3,100.000	J		
P1411-01	72-11929	Solid	unknown13.004	*	740.000	J		
P1411-01	72-11929	Solid	unknown14.399	*	810.000	J		
P1411-01	72-11929	Solid	unknown15.099	*	1,300.000	J		
P1411-01	72-11929	Solid	unknown9.258	*	970.000	J		
			Total Tics :			32,910.00		
P1411-01	72-11929	Solid	1-Methylnaphthalene		14,100.000	E 73.5	140	ug/Kg
P1411-01	72-11929	Solid	2-Methylnaphthalene		680.000	77.3	140	ug/Kg
P1411-01	72-11929	Solid	Acenaphthene		740.000	65.4	140	ug/Kg
P1411-01	72-11929	Solid	Anthracene		370.000	83.1	140	ug/Kg
P1411-01	72-11929	Solid	Benzo(a)anthracene	J	84.600	68.3	140	ug/Kg
P1411-01	72-11929	Solid	Benzo(a)pyrene	J	110.000	76.8	140	ug/Kg
P1411-01	72-11929	Solid	Benzo(b)fluoranthene	J	130.000	65.4	140	ug/Kg
P1411-01	72-11929	Solid	Benzo(g,h,i)perylene	J	82.100	75.3	140	ug/Kg
P1411-01	72-11929	Solid	Chrysene	J	94.500	70.7	140	ug/Kg
P1411-01	72-11929	Solid	Fluoranthene		200.000	76.9	140	ug/Kg
P1411-01	72-11929	Solid	Fluorene		1,200.000	69.1	140	ug/Kg
P1411-01	72-11929	Solid	Phenanthrene		1,800.000	75.5	140	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP020924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1411-01	72-11929	Solid	Pyrene	280.000		68.2	140	ug/Kg
P1411-01	72-11929	Solid	Total PAH	5,091.000		1170.6	2240	ug/Kg
Total Svoc :				24,962.20				
Total Concentration:				57,872.20				
Client ID : ETGI-347								
P1413-03	ETGI-347	Solid	11H-Benzo[a]fluorene	*	87.800	J		
P1413-03	ETGI-347	Solid	11H-Benzo[b]fluorene	*	81.600	J		
P1413-03	ETGI-347	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	77.200	J		
P1413-03	ETGI-347	Solid	3-Methyl-[1,1-biphenyl]-4-carbal	*	82.000	J		
P1413-03	ETGI-347	Solid	4H-Cyclopenta[def]phenanthrene	*	360.000	J		
P1413-03	ETGI-347	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	100.000	J		
P1413-03	ETGI-347	Solid	9,10-Anthracenedione	*	180.000	J		
P1413-03	ETGI-347	Solid	Anthracene, 9-methyl-	*	120.000	J		
P1413-03	ETGI-347	Solid	Benzo[e]pyrene	*	460.000	J		
P1413-03	ETGI-347	Solid	Cyclopenta(def)phenanthrenone	*	150.000	J		
P1413-03	ETGI-347	Solid	di-p-Tolylacetylene	*	180.000	J		
P1413-03	ETGI-347	Solid	Dibenzothiophene	*	94.800	J		
P1413-03	ETGI-347	Solid	Naphtho[2,3-b]norbornadiene	*	79.500	J		
P1413-03	ETGI-347	Solid	Perylene	*	150.000	J		
P1413-03	ETGI-347	Solid	Phenanthrene, 1-methyl-	*	360.000	J		
P1413-03	ETGI-347	Solid	Phenanthrene, 2-methyl-	*	180.000	J		
P1413-03	ETGI-347	Solid	Pyrene, 1-methyl-	*	74.800	J		
P1413-03	ETGI-347	Solid	unknown16.269	*	160.000	J		
P1413-03	ETGI-347	Solid	unknown21.116	*	77.400	J		
P1413-03	ETGI-347	Solid	unknown24.074	*	120.000	J		
Total Tics :				3,175.10				
P1413-03	ETGI-347	Solid	Acenaphthene		200.000		51.2	110 ug/Kg
P1413-03	ETGI-347	Solid	Acenaphthylene		190.000		56.4	110 ug/Kg
P1413-03	ETGI-347	Solid	Anthracene		720.000		65	110 ug/Kg
P1413-03	ETGI-347	Solid	Benzo(a)anthracene		810.000		53.5	110 ug/Kg
P1413-03	ETGI-347	Solid	Benzo(a)pyrene		450.000		60.1	110 ug/Kg
P1413-03	ETGI-347	Solid	Benzo(b)fluoranthene		850.000		51.2	110 ug/Kg
P1413-03	ETGI-347	Solid	Benzo(g,h,i)perylene		170.000		59	110 ug/Kg
P1413-03	ETGI-347	Solid	Benzo(k)fluoranthene		240.000		56.2	110 ug/Kg
P1413-03	ETGI-347	Solid	Carbazole		110.000		54.1	110 ug/Kg
P1413-03	ETGI-347	Solid	Chrysene		900.000		55.3	110 ug/Kg
P1413-03	ETGI-347	Solid	Dibenzo(a,h)anthracene		64.100	J	61.5	110 ug/Kg
P1413-03	ETGI-347	Solid	Dibenzofuran		140.000		49	110 ug/Kg
P1413-03	ETGI-347	Solid	Fluoranthene		2,100.000	E	60.2	110 ug/Kg
P1413-03	ETGI-347	Solid	Fluorene		260.000		54.1	110 ug/Kg
P1413-03	ETGI-347	Solid	Indeno(1,2,3-cd)pyrene		170.000		68.2	110 ug/Kg
P1413-03	ETGI-347	Solid	Phenanthrene		1,000.000		59.1	110 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP020924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1413-03	ETGI-347	Solid	Pyrene	1,300.000		53.4	110	ug/Kg
P1413-03	ETGI-347	Solid	Total PAH	9,424.000		916.3	1760	ug/Kg
Total Svoc :				19,098.10				
Total Concentration:				22,273.20				
Client ID : ETGI-358								
P1413-05	ETGI-358	Solid	Behenic alcohol	*	90.500	J		
P1413-05	ETGI-358	Solid	n-Hexadecanoic acid	*	210.000	J		
Total Tics :				300.50				
P1413-05	ETGI-358	Solid	2,3,4,6-Tetrachlorophenol		170.000	56.3	120	ug/Kg
P1413-05	ETGI-358	Solid	Benzo(a)anthracene		120.000	56.9	120	ug/Kg
P1413-05	ETGI-358	Solid	Benzo(a)pyrene		110.000	J 64	120	ug/Kg
P1413-05	ETGI-358	Solid	Benzo(b)fluoranthene		190.000	54.5	120	ug/Kg
P1413-05	ETGI-358	Solid	Benzo(g,h,i)perylene		66.200	J 62.8	120	ug/Kg
P1413-05	ETGI-358	Solid	Chrysene		110.000	J 58.9	120	ug/Kg
P1413-05	ETGI-358	Solid	Fluoranthene		160.000	64.1	120	ug/Kg
P1413-05	ETGI-358	Solid	Pentachlorophenol		3,000.000	E 75.3	220	ug/Kg
P1413-05	ETGI-358	Solid	Pyrene		150.000	56.8	120	ug/Kg
Total Svoc :				4,076.20				
Total Concentration:				4,376.70				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP013124

SAS No.: BP013124

SDG No.: BP013124

Instrument ID: _____

Calibration Date(s): 1/31/2024 : _____

Calibration Time(s): 14:16 _____

LAB FILE ID:		RRF2.5 = BP019492.D		RRF005 = BP019493.D		RRF010 = BP019494.D		
		RRF020 = BP019495.D		RRF040 = BP019496.D		RRF050 = BP019497.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.516	0.566	0.572	0.533	0.564	0.564	5.6
Pyridine		1.249	1.307	1.308	1.208	1.300	1.296	4.0
2-Fluorophenol		1.309	1.247	1.258	1.134	1.240	1.241	4.2
Benzaldehyde		1.223	1.176	1.092	1.331	1.205	1.173	10.2
Aniline		1.612	1.686	1.659	1.555	1.549	1.626	3.5
Phenol-d6		1.662	1.730	1.703	1.589	1.621	1.673	3.2
Phenol		1.662	1.724	1.685	1.584	1.628	1.667	2.9
bis(2-Chloroethyl)ether		1.324	1.345	1.330	1.250	1.243	1.297	3.3
2-Chlorophenol		1.274	1.305	1.290	1.200	1.256	1.274	3.0
1,2-Dichlorobenzene		1.596	1.573	1.550	1.428	1.505	1.528	3.6
1,3-Dichlorobenzene		1.632	1.572	1.586	1.447	1.538	1.559	3.7
1,4-Dichlorobenzene		1.601	1.637	1.617	1.458	1.575	1.579	3.7
Benzyl Alcohol		1.272	1.401	1.364	1.309	1.282	1.337	4.0
2-Methylphenol		1.087	1.179	1.149	1.096	1.069	1.123	3.8
2,2-oxybis(1-Chloropropane)		1.298	1.380	1.346	1.276	1.230	1.297	4.4
Acetophenone		0.558	0.578	0.571	0.545	0.566	0.570	2.6
3+4-Methylphenols		1.484	1.643	1.547	1.476	1.459	1.532	4.4
n-Nitroso-di-n-propylamine	1.241	1.092	1.259	1.150	1.133	1.053	1.143	6.7
Nitrobenzene-d5		0.447	0.449	0.469	0.439	0.464	0.462	3.6
Hexachloroethane		0.634	0.607	0.636	0.580	0.607	0.612	3.2
Nitrobenzene		0.455	0.461	0.466	0.441	0.466	0.465	3.1
Isophorone		0.790	0.857	0.803	0.782	0.805	0.804	3.1
2-Nitrophenol		0.154	0.165	0.174	0.174	0.187	0.177	8.2
2,4-Dimethylphenol		0.218	0.226	0.228	0.219	0.227	0.227	2.7
bis(2-Chloroethoxy)methane		0.451	0.472	0.453	0.445	0.454	0.455	2.1
2,4-Dichlorophenol		0.333	0.336	0.343	0.330	0.349	0.343	2.9
1,2,4-Trichlorobenzene		0.445	0.404	0.422	0.397	0.421	0.420	3.7
Benzoic acid		0.183	0.202	0.212	0.222	0.236	0.221	10.7
Naphthalene		1.116	1.116	1.092	1.038	1.095	1.097	2.6
4-Chloroaniline		0.389	0.425	0.407	0.391	0.413	0.406	3.1
Hexachlorobutadiene		0.316	0.298	0.314	0.297	0.318	0.311	3.1
Caprolactam		0.094	0.107	0.093	0.088	0.110	0.097	8.6
4-Chloro-3-methylphenol		0.360	0.404	0.367	0.358	0.386	0.373	4.4
2-Methylnaphthalene		0.754	0.809	0.756	0.730	0.756	0.759	3.3
Hexachlorocyclopentadiene		0.333	0.291	0.357	0.353	0.349	0.348	8.6
2,4,6-Trichlorophenol		0.450	0.446	0.467	0.453	0.465	0.467	4.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BP013124

SAS No.: BP013124

SDG No.: BP013124

Instrument ID:

Calibration Date(s): 1/31/2024

Calibration Time(s): 14:16

LAB FILE ID:		RRF2.5 = BP019492.D		RRF005 = BP019493.D		RRF010 = BP019494.D		
		RRF020 = BP019495.D		RRF040 = BP019496.D		RRF050 = BP019497.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.632	1.560	1.655	1.557	1.553	1.618	3.7
2,4,5-Trichlorophenol		0.480	0.499	0.513	0.495	0.519	0.513	4.6
1,1-Biphenyl		1.612	1.549	1.623	1.539	1.533	1.596	3.5
2-Chloronaphthalene		1.338	1.277	1.327	1.249	1.260	1.310	3.6
2-Nitroaniline		0.330	0.345	0.363	0.349	0.387	0.366	7.4
Dimethylphthalate		1.579	1.553	1.513	1.415	1.598	1.531	3.9
Acenaphthylene		1.840	1.838	1.848	1.734	1.830	1.838	2.9
2,6-Dinitrotoluene		0.308	0.338	0.332	0.317	0.358	0.336	5.6
3-Nitroaniline		0.281	0.313	0.307	0.278	0.340	0.309	7.6
Acenaphthene		1.151	1.142	1.140	1.082	1.134	1.141	2.6
2,4-Dinitrophenol			0.147	0.155	0.158	0.201	0.175	14.1
4-Nitrophenol		0.241	0.248	0.242	0.218	0.291	0.253	10.1
Dibenzofuran		1.874	1.881	1.869	1.730	1.878	1.858	3.1
2,4-Dinitrotoluene		0.378	0.433	0.428	0.407	0.506	0.441	10.0
Diethylphthalate		1.604	1.533	1.487	1.366	1.677	1.523	6.5
4-Chlorophenyl-phenylether		0.852	0.834	0.828	0.775	0.862	0.832	3.3
Fluorene		1.520	1.476	1.469	1.365	1.541	1.480	3.8
4-Nitroaniline		0.320	0.323	0.304	0.276	0.375	0.324	10.3
4,6-Dinitro-2-methylphenol		0.090	0.096	0.107	0.115	0.126	0.114	14.8
n-Nitrosodiphenylamine		0.574	0.597	0.603	0.604	0.572	0.599	3.9
Azobenzene		1.497	1.511	1.464	1.351	1.557	1.473	4.3
2,4,6-Tribromophenol		0.281	0.283	0.282	0.269	0.328	0.292	6.9
4-Bromophenyl-phenylether		0.237	0.245	0.254	0.256	0.243	0.250	4.3
Hexachlorobenzene		0.287	0.291	0.294	0.289	0.280	0.292	3.3
Atrazine		0.229	0.213	0.206	0.191	0.201	0.199	10.1
Pentachlorophenol		0.160	0.170	0.177	0.180	0.196	0.182	7.7
Phenanthrene		1.054	1.055	1.051	0.992	1.053	1.053	2.9
Anthracene		1.044	1.051	1.046	1.001	1.057	1.050	2.5
Carbazole		0.988	0.944	0.945	0.852	0.994	0.954	5.3
Di-n-butylphthalate		1.235	1.066	1.139	1.068	1.279	1.153	6.9
Fluoranthene		1.395	1.191	1.267	1.116	1.406	1.286	8.8
Benzidine		0.391	0.697	0.250	0.378	0.460	0.418	33.1
Pyrene		1.302	1.617	1.354	1.396	1.368	1.412	8.0
Terphenyl-d14		1.146	1.343	1.164	1.214	1.209	1.216	6.2
Butylbenzylphthalate		0.508	0.517	0.524	0.525	0.562	0.527	3.6
3,3-Dichlorobenzidine		0.519	0.488	0.521	0.494	0.524	0.513	3.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP013124

SAS No.: BP013124

SDG No.: BP013124

Instrument ID: _____

Calibration Date(s): 1/31/2024 : _____

Calibration Time(s): 14:16 _____

LAB FILE ID:		RRF2.5 = BP019492.D			RRF005 = BP019493.D		RRF010 = BP019494.D	
		RRF020 = BP019495.D			RRF040 = BP019496.D		RRF050 = BP019497.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.416	1.401	1.413	1.341	1.416	1.408	2.3
Chrysene		1.336	1.325	1.348	1.271	1.333	1.337	2.6
Bis(2-ethylhexyl)phthalate		0.859	0.743	0.833	0.798	0.861	0.803	6.1
Di-n-octyl phthalate		1.480	1.234	1.502	1.419	1.492	1.412	6.6
Benzo(b)fluoranthene		1.291	1.201	1.236	1.227	1.284	1.261	3.1
Benzo(k)fluoranthene		1.196	1.204	1.218	1.131	1.243	1.204	3.1
Benzo(a)pyrene		1.105	1.105	1.111	1.074	1.140	1.122	2.8
Indeno(1,2,3-cd)pyrene		1.479	1.568	1.515	1.479	1.479	1.531	4.0
Dibenzo(a,h)anthracene		1.212	1.287	1.242	1.226	1.221	1.259	3.9
Benzo(g,h,i)perylene		1.223	1.346	1.262	1.239	1.213	1.277	4.9
1,2,4,5-Tetrachlorobenzene		0.783	0.724	0.780	0.735	0.742	0.771	5.0
1,4-Dioxane		0.522	0.477	0.493	0.420	0.493	0.478	6.5
2,3,4,6-Tetrachlorophenol		0.419	0.421	0.428	0.401	0.468	0.431	5.2
1-Methylnaphthalene		0.754	0.780	0.746	0.718	0.744	0.746	2.6

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: CHEMTECHLab Code: CHEM Case No.: BP020924 SAS No.: BP020924 SDG NO.: BP020924EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 9 2024 12:00AMLab File ID: BP019496.D Time Analyzed: 11:06Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	111500	7.916	434544	10.72	271443	14.55
	UPPER LIMIT	223000	8.416	869088	11.216	542886	15.051
	LOWER LIMIT	55750	7.416	217272	10.216	135721.5	14.051
	EPA SAMPLE NO.						
01	PB158902BL	96510	7.91	354362	10.71	220083	14.55
02	PB158902BS	89497	7.91	321543	10.72	182730	14.55
03	T180-AOP	82386	7.91	304873	10.71	188683	14.55
04	RE137-CARBON-20240205	75841	7.91	272238	10.71	168943	14.55
05	TP-5	70128	7.91	257612	10.71	161185	14.55
06	TP-5MS	82209	7.91	293728	10.71	169364	14.55
07	TP-5MSD	94251	7.91	345962	10.71	206386	14.55
08	PB158806TB	95227	7.91	351776	10.71	227067	14.54
09	CG-MW-17-ch4DL3	81199	7.90	311566	10.71	204577	14.54
10	HD-01-020724DL	98519	7.91	363374	10.71	223514	14.54
11	CG-MW-17-ch5DL	83735	7.91	313065	10.71	201018	14.54
12	CG-MW-17-ch6DL	77784	7.90	288851	10.71	183953	14.54
13	CG-MW-17-ch7DL	81398	7.90	332444	10.70	226192	14.54
14	B-5(10-12)DL	82545	7.91	302629	10.70	185420	14.54
15	WC-3	76196	7.90	279566	10.70	176111	14.54
16	MR-323P-GW-20240131-0	109779	7.91	389411	10.70	226670	14.54
17	WC-4	73210	7.90	268898	10.70	161511	14.54
18	SP-1	70152	7.91	249135	10.70	161511	14.54
19	SP-2	82579	7.91	303417	10.70	172988	14.54
20	SP-3	73845	7.91	258580	10.70	152685	14.54
21	72-11929	77452	7.91	263849	10.72	187939	14.57
22	WC-1	110897	7.90	400551	10.70	220702	14.54
23	ETGI-347	99186	7.91	341906	10.70	188098	14.54
24	ETGI-358	95225	7.91	328230	10.70	182886	14.54

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: BP020924 SAS No.: BP020924 SDG NO.: BP020924
 EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 10 2024 12:00AM
 Lab File ID: BP019496.D Time Analyzed: 02:22
 Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	111500	7.916	434544	10.72	271443	14.55
UPPER LIMIT	223000	8.416	869088	11.216	542886	15.051
LOWER LIMIT	55750	7.416	217272	10.216	135721.5	14.051
EPA SAMPLE NO.						
25 WC-COMP	98937	7.91	346366	10.71	189125	14.54
26 TP-4	98604	7.90	349056	10.70	191288	14.54
27 WC-2	99810	7.91	371603	10.70	217699	14.54

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: CHEMTECHLab Code: CHEM Case No.: BP020924 SAS No.: BP020924 SDG NO.: BP020924EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 9 2024 12:00AMLab File ID: BP019624.D Time Analyzed: 11:06Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	98776	7.911	356793	10.71	219198	14.55
UPPER LIMIT	197552	8.411	713586	11.21	438396	15.045
LOWER LIMIT	49388	7.411	178396.5	10.21	109599	14.045
EPA SAMPLE NO.						
01 PB158902BL	96510	7.91	354362	10.71	220083	14.55
02 PB158902BS	89497	7.91	321543	10.72	182730	14.55
03 T180-AOP	82386	7.91	304873	10.71	188683	14.55
04 RE137-CARBON-20240205	75841	7.91	272238	10.71	168943	14.55
05 TP-5	70128	7.91	257612	10.71	161185	14.55
06 TP-5MS	82209	7.91	293728	10.71	169364	14.55
07 TP-5MSD	94251	7.91	345962	10.71	206386	14.55

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: CHEMTECHLab Code: CHEM Case No.: BP020924 SAS No.: BP020924 SDG NO.: BP020924EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 9 2024 12:00AMLab File ID: BP019634.D Time Analyzed: 16:45Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	107886	7.91	399488	10.71	245668	14.55
	UPPER LIMIT	215772	8.41	798976	11.21	491336	15.045
	LOWER LIMIT	53943	7.41	199744	10.21	122834	14.045
	EPA SAMPLE NO.						
01	PB158806TB	95227	7.91	351776	10.71	227067	14.54
02	CG-MW-17-ch4DL3	81199	7.90	311566	10.71	204577	14.54
03	HD-01-020724DL	98519	7.91	363374	10.71	223514	14.54
04	CG-MW-17-ch5DL	83735	7.91	313065	10.71	201018	14.54
05	CG-MW-17-ch6DL	77784	7.90	288851	10.71	183953	14.54
06	CG-MW-17-ch7DL	81398	7.90	332444	10.70	226192	14.54
07	B-5(10-12)DL	82545	7.91	302629	10.70	185420	14.54
08	WC-3	76196	7.90	279566	10.70	176111	14.54
09	MR-323P-GW-20240131-0	109779	7.91	389411	10.70	226670	14.54
10	WC-4	73210	7.90	268898	10.70	161511	14.54
11	SP-1	70152	7.91	249135	10.70	161511	14.54
12	SP-2	82579	7.91	303417	10.70	172988	14.54
13	SP-3	73845	7.91	258580	10.70	152685	14.54
14	72-11929	77452	7.91	263849	10.72	187939	14.57
15	WC-1	110897	7.90	400551	10.70	220702	14.54
16	ETGI-347	99186	7.91	341906	10.70	188098	14.54
17	ETGI-358	95225	7.91	328230	10.70	182886	14.54
18	WC-COMP	98937	7.91	346366	10.71	189125	14.54
19	TP-4	98604	7.90	349056	10.70	191288	14.54
20	WC-2	99810	7.91	371603	10.70	217699	14.54

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP020924 SAS No.: BP020924 SDG NO.: BP020924

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 10 2024 12:00AM

Lab File ID: BP019634.D Time Analyzed: 03:30

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	107886	7.91	399488	10.71	245668	14.55
UPPER LIMIT	215772	8.41	798976	11.21	491336	15.045
LOWER LIMIT	53943	7.41	199744	10.21	122834	14.045
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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP020924 SAS No.: BP020924 SDG NO.: BP020924

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 9 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 11:06

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	502273	17.304	407972	21.392	504101	23.815
UPPER LIMIT	1004546	17.804	815944	21.892	1008202	24.315
LOWER LIMIT	251136.5	16.804	203986	20.892	252050.5	23.315
EPA SAMPLE NO.						
01 PB158902BL	454850	17.30	349218	21.39	435809	23.82
02 PB158902BS	374251	17.30	341480	21.39	426149	23.82
03 T180-AOP	396414	17.30	345773	21.39	429780	23.82
04 RE137-CARBON-20240205	369960	17.30	369136	21.39	436553	23.82
05 TP-5	333309	17.30	275940	21.39	340773	23.82
06 TP-5MS	370834	17.30	382996	21.39	479360	23.82
07 TP-5MSD	396497	17.30	297066	21.39	383822	23.82
08 PB158806TB	473393	17.30	357362	21.39	412785	23.81
09 CG-MW-17-ch4DL3	453264	17.30	473318	21.39	525607	23.81
10 HD-01-020724DL	489298	17.30	518048	21.39	596673	23.81
11 CG-MW-17-ch5DL	432862	17.30	430274	21.39	522931	23.81
12 CG-MW-17-ch6DL	433311	17.30	461314	21.39	534316	23.80
13 CG-MW-17-ch7DL	466366	17.30	377182	21.39	449035	23.81
14 B-5 (10-12) DL	432322	17.29	468275	21.39	540356	23.81
15 WC-3	367832	17.30	379906	21.39	458951	23.80
16 MR-323P-GW-20240131-0	463070	17.30	510994	21.39	595633	23.81
17 WC-4	347180	17.30	373155	21.39	450225	23.80
18 SP-1	389063	17.30	413814	21.39	467337	23.80
19 SP-2	333260	17.30	356579	21.39	442435	23.80
20 SP-3	360152	17.30	422577	21.39	489005	23.80
21 72-11929	386855	17.32	414785	21.39	487297	23.81
22 WC-1	420971	17.30	465616	21.39	557054	23.81

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP020924 SAS No.: BP020924 SDG NO.: BP020924

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 10 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 01:14

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	502273	17.304	407972	21.392	504101	23.815
UPPER LIMIT	1004546	17.804	815944	21.892	1008202	24.315
LOWER LIMIT	251136.5	16.804	203986	20.892	252050.5	23.315
EPA SAMPLE NO.						
23 ETGI-347	415846	17.30	492456	21.39	574810	23.81
24 ETGI-358	378150	17.30	464271	21.39	559321	23.81
25 WC-COMP	388562	17.30	463875	21.39	558486	23.80
26 TP-4	388038	17.30	457317	21.39	553514	23.81
27 WC-2	461129	17.29	499323	21.39	576344	23.80

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP020924 SAS No.: BP020924 SDG NO.: BP020924

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 9 2024 12:00AM

Lab File ID: BP019624.D Time Analyzed: 11:06

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	477069	17.304	468673	21.398	573868	23.821
UPPER LIMIT	954138	17.804	937346	21.898	1147736	24.321
LOWER LIMIT	238534.5	16.804	234336.5	20.898	286934	23.321
EPA SAMPLE NO.						
01 PB158902BL	454850	17.30	349218	21.39	435809	23.82
02 PB158902BS	374251	17.30	341480	21.39	426149	23.82
03 T180-AOP	396414	17.30	345773	21.39	429780	23.82
04 RE137-CARBON-20240205	369960	17.30	369136	21.39	436553	23.82
05 TP-5	333309	17.30	275940	21.39	340773	23.82
06 TP-5MS	370834	17.30	382996	21.39	479360	23.82
07 TP-5MSD	396497	17.30	297066	21.39	383822	23.82

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP020924 SAS No.: BP020924 SDG NO.: BP020924

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 9 2024 12:00AM

Lab File ID: BP019634.D Time Analyzed: 16:45

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	503803	17.298	483860	21.392	577018	23.81
UPPER LIMIT	1007606	17.798	967720	21.892	1154036	24.31
LOWER LIMIT	251901.5	16.798	241930	20.892	288509	23.31
EPA SAMPLE NO.						
01 PB158806TB	473393	17.30	357362	21.39	412785	23.81
02 CG-MW-17-ch4DL3	453264	17.30	473318	21.39	525607	23.81
03 HD-01-020724DL	489298	17.30	518048	21.39	596673	23.81
04 CG-MW-17-ch5DL	432862	17.30	430274	21.39	522931	23.81
05 CG-MW-17-ch6DL	433311	17.30	461314	21.39	534316	23.80
06 CG-MW-17-ch7DL	466366	17.30	377182	21.39	449035	23.81
07 B-5(10-12)DL	432322	17.29	468275	21.39	540356	23.81
08 WC-3	367832	17.30	379906	21.39	458951	23.80
09 MR-323P-GW-20240131-0	463070	17.30	510994	21.39	595633	23.81
10 WC-4	347180	17.30	373155	21.39	450225	23.80
11 SP-1	389063	17.30	413814	21.39	467337	23.80
12 SP-2	333260	17.30	356579	21.39	442435	23.80
13 SP-3	360152	17.30	422577	21.39	489005	23.80
14 72-11929	386855	17.32	414785	21.39	487297	23.81
15 WC-1	420971	17.30	465616	21.39	557054	23.81
16 ETGI-347	415846	17.30	492456	21.39	574810	23.81
17 ETGI-358	378150	17.30	464271	21.39	559321	23.81
18 WC-COMP	388562	17.30	463875	21.39	558486	23.80
19 TP-4	388038	17.30	457317	21.39	553514	23.81
20 WC-2	461129	17.29	499323	21.39	576344	23.80

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP020924 SAS No.: BP020924 SDG NO.: BP020924

EPA Sample No.: SSTDCCC040

Date Analyzed: Feb 10 2024 12:00AM

Lab File ID: BP019634.D

Time Analyzed: 03:30

Instrument ID: BNA_P

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	503803	17.298	483860	21.392	577018	23.81
UPPER LIMIT	1007606	17.798	967720	21.892	1154036	24.31
LOWER LIMIT	251901.5	16.798	241930	20.892	288509	23.31
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP020924

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB158902BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	180	ug/Kg	11				10	147	
	Aniline	1700	1000	ug/Kg	59				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1400	ug/Kg	82				42	116	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1500	ug/Kg	88				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	430	ug/Kg	25				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1400	ug/Kg	82				67	110	
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	4700	ug/Kg	142		*		45	134	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	24700	ug/Kg	91				57	104	
	2,4-Dinitrophenol	3300	3500	ug/Kg	106				37	128	
	4-Nitrophenol	3300	3200	ug/Kg	97				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BP020924

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB158902BS	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	3400	3100	ug/Kg	91				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1800	ug/Kg	106				67	113	
	Pentachlorophenol	3300	3300	ug/Kg	100				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	2100	ug/Kg	64				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				63	111	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				70	108	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB158806TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP020924SAS No.: BP020924 SDG NO.: BP020924Lab File ID: BP019635.DLab Sample ID: PB158806TBInstrument ID: BNA_PDate Extracted: 02/05/2024Matrix: (soil/water) waterDate Analyzed: 02/09/2024Level: (low/med) LOWTime Analyzed: 16:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB158806TB	PB158806TB	BP019635.D	02/09/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

T180-AOP

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP020924SAS No.: BP020924 SDG NO.: BP020924Lab File ID: BP019627.DLab Sample ID: P1371-03Instrument ID: BNA_PDate Extracted: 02/06/2024Matrix: (soil/water) WaterDate Analyzed: 02/09/2024Level: (low/med) LOWTime Analyzed: 12:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
T180-AOP	P1371-03	BP019627.D	02/09/2024
MR-323P-GW-20240131-0	P1342-06	BP019643.D	02/09/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB158902BL

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BP020924

SAS No.: BP020924 SDG NO.: BP020924

Lab File ID: BP019625.D

Lab Sample ID: PB158902BL

Instrument ID: BNA_P

Date Extracted: 02/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 02/09/2024

Level: (low/med) LOW

Time Analyzed: 11:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB158902BS	PB158902BS	BP019626.D	02/09/2024
WC-3	P1389-09	BP019642.D	02/09/2024
RE137-CARBON-20240205	P1379-01	BP019628.D	02/09/2024
TP-5	P1378-03	BP019629.D	02/09/2024
TP-5MS	P1378-03MS	BP019630.D	02/09/2024
TP-5MSD	P1378-03MSD	BP019631.D	02/09/2024
WC-4	P1389-13	BP019644.D	02/09/2024
SP-1	P1391-01	BP019645.D	02/09/2024
SP-2	P1391-11	BP019646.D	02/09/2024
SP-3	P1391-21	BP019647.D	02/09/2024
72-11929	P1411-01	BP019648.D	02/10/2024
WC-1	P1389-01	BP019649.D	02/10/2024
ETGI-347	P1413-03	BP019650.D	02/10/2024
ETGI-358	P1413-05	BP019651.D	02/10/2024
WC-COMP	P1339-01	BP019652.D	02/10/2024
TP-4	P1378-01	BP019653.D	02/10/2024
WC-2	P1389-05	BP019654.D	02/10/2024

COMMENTS:

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP020924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	High	RPD
Lab Sample ID:	P1378-03MS	Client Sample ID:	TP-5MS					DataFile:	BP019630.D		
n-Nitrosodimethylamine	1100		1000	ug/Kg	91				66	124	
Pyridine	1100		880	ug/Kg	80				45	119	
Benzaldehyde	1100		350	ug/Kg	32				26	163	
Aniline	1100		720	ug/Kg	65				10	88	
Phenol	1100		1000	ug/Kg	91				67	126	
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91				74	116	
2-Chlorophenol	1100		1000	ug/Kg	91				61	138	
1,2-Dichlorobenzene	1100		980	ug/Kg	89				61	105	
1,3-Dichlorobenzene	1100		1000	ug/Kg	91				62	101	
1,4-Dichlorobenzene	1100		1000	ug/Kg	91				63	104	
Benzyl Alcohol	1100		1000	ug/Kg	91				47	126	
2-Methylphenol	1100		970	ug/Kg	88				66	122	
2,2-oxybis(1-Chloropropane)	1100		980	ug/Kg	89				52	115	
Acetophenone	1100		1000	ug/Kg	91				75	111	
3+4-Methylphenols	1100		950	ug/Kg	86				53	132	
N-Nitroso-di-n-propylamine	1100		910	ug/Kg	83				59	119	
Hexachloroethane	1100		1000	ug/Kg	91				65	117	
Nitrobenzene	1100		960	ug/Kg	87				70	119	
Isophorone	1100		970	ug/Kg	88				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				54	145	
2,4-Dimethylphenol	1100		1100	ug/Kg	100				83	144	
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91				68	112	
2,4-Dichlorophenol	1100		1000	ug/Kg	91				72	118	
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91				57	103	
Benzoic acid	1100		1100	ug/Kg	100				50	104	
Naphthalene	1100		1000	ug/Kg	91				72	110	
4-Chloroaniline	1100		330	ug/Kg	30				10	100	
Hexachlorobutadiene	1100		1000	ug/Kg	91				66	114	
Caprolactam	1100		1000	ug/Kg	91				51	134	
4-Chloro-3-methylphenol	1100		990	ug/Kg	90				57	132	
2-Methylnaphthalene	1100		980	ug/Kg	89				59	123	
Hexachlorocyclopentadiene	2200		3200	ug/Kg	145				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100		1100	ug/Kg	100				75	113	
2-Chloronaphthalene	1100		1000	ug/Kg	91				67	118	
2-Nitroaniline	1100		1100	ug/Kg	100				69	127	
Dimethylphthalate	1100		1100	ug/Kg	100				70	113	
Acenaphthylene	1100		1200	ug/Kg	109				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		800	ug/Kg	73				20	111	
Acenaphthene	1100		1000	ug/Kg	91				70	121	
Total PAH	17600	0	17500	ug/Kg	99				70	121	
2,4-Dinitrophenol	2200		2400	ug/Kg	109				16	160	
4-Nitrophenol	2200		2400	ug/Kg	109				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP020924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100				71	108	
Fluorene	1100		1100	ug/Kg	100				68	116	
4-Nitroaniline	1100		1100	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100				32	145	
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91				73	118	
Azobenzene	1100		1100	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1300	ug/Kg	118				79	127	
Pentachlorophenol	2200		2200	ug/Kg	100				47	128	
Phenanthrene	1100		1100	ug/Kg	100				72	113	
Anthracene	1100		1100	ug/Kg	100				62	124	
Carbazole	1100		1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100		1100	ug/Kg	100				69	118	
Fluoranthene	1100	64.9	1200	ug/Kg	103				59	125	
Benzidine	2200		1300	ug/Kg	59				10	119	
Pyrene	1100	72.9	1100	ug/Kg	93				52	128	
Butylbenzylphthalate	1100		1100	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1100		940	ug/Kg	85				10	164	
Benzo(a)anthracene	1100	0	1100	ug/Kg	100				71	114	
Chrysene	1100	0	1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100		1100	ug/Kg	100				66	127	
Di-n-octyl phthalate	1100		1100	ug/Kg	100				71	126	
Benzo(b)fluoranthene	1100	56.1	1100	ug/Kg	95				67	121	
Benzo(k)fluoranthene	1100		1000	ug/Kg	91				74	114	
Benzo(a)pyrene	1100	0	1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100				61	125	
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100				67	130	
Benzo(g,h,i)perylene	1100		1100	ug/Kg	100				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		920	ug/Kg	84				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				56	133	
1-Methylnaphthalene	1100		940	ug/Kg	85				70	130	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP020924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1378-03MSD	Client Sample ID:	TP-5MSD					DataFile:	BP019631.D		
n-Nitrosodimethylamine	1100		1000	ug/Kg	91		0		66	124	20
Pyridine	1100		860	ug/Kg	78		3		45	119	20
Benzaldehyde	1100		360	ug/Kg	33		3		26	163	20
Aniline	1100		850	ug/Kg	77		17		10	88	20
Phenol	1100		1100	ug/Kg	100		9		67	126	20
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91		0		74	116	20
2-Chlorophenol	1100		1100	ug/Kg	100		9		61	138	20
1,2-Dichlorobenzene	1100		1000	ug/Kg	91		2		61	105	20
1,3-Dichlorobenzene	1100		1000	ug/Kg	91		0		62	101	20
1,4-Dichlorobenzene	1100		1000	ug/Kg	91		0		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		9		47	126	20
2-Methylphenol	1100		1100	ug/Kg	100		13		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1000	ug/Kg	91		2		52	115	20
Acetophenone	1100		1100	ug/Kg	100		9		75	111	20
3+4-Methylphenols	1100		1100	ug/Kg	100		15		53	132	20
N-Nitroso-di-n-propylamine	1100		980	ug/Kg	89		7		59	119	20
Hexachloroethane	1100		1000	ug/Kg	91		0		65	117	20
Nitrobenzene	1100		1000	ug/Kg	91		4		70	119	20
Isophorone	1100		1000	ug/Kg	91		3		76	122	20
2-Nitrophenol	1100		1200	ug/Kg	109		9		54	145	20
2,4-Dimethylphenol	1100		1200	ug/Kg	109		9		83	144	20
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91		0		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		9		72	118	20
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91		0		57	103	20
Benzoic acid	1100		1200	ug/Kg	109	*	9		50	104	20
Naphthalene	1100		1000	ug/Kg	91		0		72	110	20
4-Chloroaniline	1100		320	ug/Kg	29		3		10	100	20
Hexachlorobutadiene	1100		1000	ug/Kg	91		0		66	114	20
Caprolactam	1100		1000	ug/Kg	91		0		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		11		57	132	20
2-Methylnaphthalene	1100		1000	ug/Kg	91		2		59	123	20
Hexachlorocyclopentadiene	2200		3000	ug/Kg	136		6		10	175	20
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109		9		72	117	20
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
1,1-Biphenyl	1100		1100	ug/Kg	100		0		75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100		9		67	118	20
2-Nitroaniline	1100		1100	ug/Kg	100		0		69	127	20
Dimethylphthalate	1100		1100	ug/Kg	100		0		70	113	20
Acenaphthylene	1100		1200	ug/Kg	109		0		79	118	20
2,6-Dinitrotoluene	1100		1000	ug/Kg	91		9		70	125	20
3-Nitroaniline	1100		740	ug/Kg	67		9		20	111	20
Acenaphthene	1100		1100	ug/Kg	100		9		70	121	20
Total PAH	17600	0	17800	ug/Kg	101		2		70	121	20
2,4-Dinitrophenol	2200		2200	ug/Kg	100		9		16	160	20
4-Nitrophenol	2200		2100	ug/Kg	95		14		45	133	20
Dibenzofuran	1100		1100	ug/Kg	100		0		72	110	20
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		0		55	128	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP020924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95		5		55	128	20
Diethylphthalate	1100		1000	ug/Kg	91		9		70	112	20
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91		9		71	108	20
Fluorene	1100		1000	ug/Kg	91		9		68	116	20
4-Nitroaniline	1100		940	ug/Kg	85		16		55	120	20
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100		0		32	145	20
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100		9		73	118	20
Azobenzene	1100		1000	ug/Kg	91		9		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1100		1100	ug/Kg	100		0		67	118	20
Atrazine	1100		1200	ug/Kg	109		8		79	127	20
Pentachlorophenol	2200		2100	ug/Kg	95		5		47	128	20
Phenanthrene	1100		1100	ug/Kg	100		0		72	113	20
Anthracene	1100		1100	ug/Kg	100		0		62	124	20
Carbazole	1100		1000	ug/Kg	91		9		59	119	20
Di-n-butylphthalate	1100		1000	ug/Kg	91		9		69	118	20
Fluoranthene	1100	64.9	1000	ug/Kg	85		19		59	125	20
Benzidine	2200		1400	ug/Kg	64		8		10	119	20
Pyrene	1100	72.9	1300	ug/Kg	112		19		52	128	20
Butylbenzylphthalate	1100		1200	ug/Kg	109		9		64	126	20
3,3-Dichlorobenzidine	1100		950	ug/Kg	86		1		10	164	20
Benzo(a)anthracene	1100	0	1100	ug/Kg	100		0		71	114	20
Chrysene	1100	0	1100	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1000	ug/Kg	91		9		66	127	20
Di-n-octyl phthalate	1100		980	ug/Kg	89		12		71	126	20
Benzo(b)fluoranthene	1100	56.1	1100	ug/Kg	95		0		67	121	20
Benzo(k)fluoranthene	1100		1000	ug/Kg	91		0		74	114	20
Benzo(a)pyrene	1100	0	1100	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1200	ug/Kg	109		9		61	125	20
Dibenz(a,h)anthracene	1100		1200	ug/Kg	109		9		67	130	20
Benzo(g,h,i)perylene	1100		1200	ug/Kg	109		9		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100		0		69	124	20
1,4-Dioxane	1100		870	ug/Kg	79		6		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		9		56	133	20
1-Methylnaphthalene	1100		990	ug/Kg	90		6		70	130	20



Surrogate Summary
SW-846

SDG No.: BP020924

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB158806TB	PB158806TB	BP019635.D	2-Fluorophenol	150	133.33	89		10	139
			Phenol-d6	150	125.87	84		10	134
			Nitrobenzene-d5	100	84.03	84		49	133
			2-Fluorobiphenyl	100	84.04	84		52	132
			2,4,6-Tribromophenol	150	141.42	94		32	145
			Terphenyl-d14	100	99.77	100		36	145

Surrogate Summary

SW-846

SDG No.: BP020924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1342-06	MR-323P-GW-202	BP019643.D	2-Fluorophenol	150	46.91	31		10	139
			Phenol-d6	150	27.07	18		10	134
			Nitrobenzene-d5	100	80.43	80		49	133
			2-Fluorobiphenyl	100	81.63	82		52	132
			2,4,6-Tribromophenol	150	133.84	89		32	145
			Terphenyl-d14	100	72.59	73		36	145
P1371-03	T180-AOP	BP019627.D	2-Fluorophenol	150	56.10	37		10	139
			Phenol-d6	150	31.59	21		10	134
			Nitrobenzene-d5	100	93.03	93		49	133
			2-Fluorobiphenyl	100	93.13	93		52	132
			2,4,6-Tribromophenol	150	160.10	107		32	145
			Terphenyl-d14	100	92.81	93		36	145
P1372-05DL3	CG-MW-17-ch4DL	BP019636.D	2-Fluorophenol	150	62.32	42		10	139
			Phenol-d6	150	33.36	22		10	134
			Nitrobenzene-d5	100	99.28	99		49	133
			2-Fluorobiphenyl	100	97.84	98		52	132
			2,4,6-Tribromophenol	150	153.28	102		32	145
			Terphenyl-d14	100	102.40	102		36	145
P1372-06DL	CG-MW-17-ch5DL	BP019638.D	2-Fluorophenol	150	70.27	47		10	139
			Phenol-d6	150	40.72	27		10	134
			Nitrobenzene-d5	100	106.86	107		49	133
			2-Fluorobiphenyl	100	107.58	108		52	132
			2,4,6-Tribromophenol	150	179.30	120		32	145
			Terphenyl-d14	100	103.64	104		36	145
P1372-07DL	CG-MW-17-ch6DL	BP019639.D	2-Fluorophenol	150	63.26	42		10	139
			Phenol-d6	150	35.29	24		10	134
			Nitrobenzene-d5	100	104.99	105		49	133
			2-Fluorobiphenyl	100	100.69	101		52	132
			2,4,6-Tribromophenol	150	194.03	129		32	145
			Terphenyl-d14	100	104.31	104		36	145
P1372-08DL	CG-MW-17-ch7DL	BP019640.D	2-Fluorophenol	150	58.17	39		10	139
			Phenol-d6	150	37.63	25		10	134
			Nitrobenzene-d5	100	85.83	86		49	133
			2-Fluorobiphenyl	100	85.47	85		52	132
			2,4,6-Tribromophenol	150	143.56	96		32	145
			Terphenyl-d14	100	85.16	85		36	145



Surrogate Summary
SW-846

SDG No.: BP020924

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1365-01DL	B-5(10-12)DL	BP019641.D	2-Fluorophenol	150	109.72	73		18	112
			Phenol-d6	150	106.82	71		15	107
			Nitrobenzene-d5	100	71.91	72		18	107
			2-Fluorobiphenyl	100	74.35	74		20	109
			2,4,6-Tribromophenol	150	129.55	86		10	110
			Terphenyl-d14	100	73.32	73		14	112

Surrogate Summary

SW-846

SDG No.: BP020924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1339-01	WC-COMP	BP019652.D	2-Fluorophenol	150	104.30	70		18	112
			Phenol-d6	150	104.08	69		15	107
			Nitrobenzene-d5	100	73.03	73		18	107
			2-Fluorobiphenyl	100	80.31	80		20	109
			2,4,6-Tribromophenol	150	127.61	85		10	110
			Terphenyl-d14	100	67.47	67		14	112
P1378-01	TP-4	BP019653.D	2-Fluorophenol	150	82.14	55		18	112
			Phenol-d6	150	88.60	59		15	107
			Nitrobenzene-d5	100	59.82	60		18	107
			2-Fluorobiphenyl	100	70.54	71		20	109
			2,4,6-Tribromophenol	150	120.68	80		10	110
			Terphenyl-d14	100	63.77	64		14	112
P1378-03	TP-5	BP019629.D	2-Fluorophenol	150	110.36	74		18	112
			Phenol-d6	150	109.76	73		15	107
			Nitrobenzene-d5	100	73.72	74		18	107
			2-Fluorobiphenyl	100	72.50	72		20	109
			2,4,6-Tribromophenol	150	124.43	83		10	110
			Terphenyl-d14	100	77.82	78		14	112
P1378-03MS	TP-5MS	BP019630.D	2-Fluorophenol	150	100.92	67		18	112
			Phenol-d6	150	94.04	63		15	107
			Nitrobenzene-d5	100	65.69	66		18	107
			2-Fluorobiphenyl	100	67.49	67		20	109
			2,4,6-Tribromophenol	150	119.81	80		10	110
			Terphenyl-d14	100	64.50	64		14	112
P1378-03MSD	TP-5MSD	BP019631.D	2-Fluorophenol	150	106.24	71		18	112
			Phenol-d6	150	103.48	69		15	107
			Nitrobenzene-d5	100	68.98	69		18	107
			2-Fluorobiphenyl	100	68.76	69		20	109
			2,4,6-Tribromophenol	150	111.01	74		10	110
			Terphenyl-d14	100	74.67	75		14	112
P1379-01	RE137-CARBON-2	BP019628.D	2-Fluorophenol	150	10.65	7	*	18	112
			Phenol-d6	150	11.17	7	*	15	107
			Nitrobenzene-d5	100	7.24	7	*	18	107
			2-Fluorobiphenyl	100	6.98	7	*	20	109
			2,4,6-Tribromophenol	150	8.97	6	*	10	110
			Terphenyl-d14	100	4.76	5	*	14	112
P1387-01DL	HD-01-020724DL	BP019637.D	2-Fluorophenol	150	91.65	61		18	112
			Phenol-d6	150	88.62	59		15	107
			Nitrobenzene-d5	100	59.52	60		18	107
			2-Fluorobiphenyl	100	62.12	62		20	109
			2,4,6-Tribromophenol	150	100.64	67		10	110
			Terphenyl-d14	100	60.97	61		14	112
P1389-01	WC-1	BP019649.D	2-Fluorophenol	150	92.93	62		18	112
			Phenol-d6	150	94.35	63		15	107
			Nitrobenzene-d5	100	64.93	65		18	107
			2-Fluorobiphenyl	100	68.93	69		20	109
			2,4,6-Tribromophenol	150	102.68	68		10	110
			Terphenyl-d14	100	58.32	58		14	112
P1389-05	WC-2	BP019654.D	2-Fluorophenol	150	86.75	58		18	112
			Phenol-d6	150	85.94	57		15	107
			Nitrobenzene-d5	100	56.95	57		18	107

Surrogate Summary

SW-846

SDG No.: BP020924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1389-05	WC-2	BP019654.D	2-Fluorobiphenyl	100	58.26	58		20	109
			2,4,6-Tribromophenol	150	100.35	67		10	110
			Terphenyl-d14	100	54.19	54		14	112
P1389-09	WC-3	BP019642.D	2-Fluorophenol	150	92.24	61		18	112
			Phenol-d6	150	89.99	60		15	107
			Nitrobenzene-d5	100	60.80	61		18	107
			2-Fluorobiphenyl	100	61.39	61		20	109
			2,4,6-Tribromophenol	150	104.57	70		10	110
			Terphenyl-d14	100	61.13	61		14	112
P1389-13	WC-4	BP019644.D	2-Fluorophenol	150	109.03	73		18	112
			Phenol-d6	150	107.75	72		15	107
			Nitrobenzene-d5	100	73.24	73		18	107
			2-Fluorobiphenyl	100	74.57	75		20	109
			2,4,6-Tribromophenol	150	128.39	86		10	110
			Terphenyl-d14	100	72.16	72		14	112
P1391-01	SP-1	BP019645.D	2-Fluorophenol	150	92.51	62		18	112
			Phenol-d6	150	88.59	59		15	107
			Nitrobenzene-d5	100	61.88	62		18	107
			2-Fluorobiphenyl	100	60.35	60		20	109
			2,4,6-Tribromophenol	150	121.52	81		10	110
			Terphenyl-d14	100	63.14	63		14	112
P1391-11	SP-2	BP019646.D	2-Fluorophenol	150	106.99	71		18	112
			Phenol-d6	150	102.90	69		15	107
			Nitrobenzene-d5	100	70.00	70		18	107
			2-Fluorobiphenyl	100	73.44	73		20	109
			2,4,6-Tribromophenol	150	111.56	74		10	110
			Terphenyl-d14	100	63.32	63		14	112
P1391-21	SP-3	BP019647.D	2-Fluorophenol	150	116.17	77		18	112
			Phenol-d6	150	106.19	71		15	107
			Nitrobenzene-d5	100	76.30	76		18	107
			2-Fluorobiphenyl	100	74.37	74		20	109
			2,4,6-Tribromophenol	150	146.82	98		10	110
			Terphenyl-d14	100	70.63	71		14	112
P1411-01	72-11929	BP019648.D	2-Fluorophenol	150	131.10	87		18	112
			Phenol-d6	150	127.19	85		15	107
			Nitrobenzene-d5	100	104.14	104		18	107
			2-Fluorobiphenyl	100	79.96	80		20	109
			2,4,6-Tribromophenol	150	127.21	85		10	110
			Terphenyl-d14	100	92.58	93		14	112
P1413-03	ETGI-347	BP019650.D	2-Fluorophenol	150	95.07	63		18	112
			Phenol-d6	150	90.00	60		15	107
			Nitrobenzene-d5	100	65.35	65		18	107
			2-Fluorobiphenyl	100	67.46	67		20	109
			2,4,6-Tribromophenol	150	117.41	78		10	110
			Terphenyl-d14	100	60.33	60		14	112
P1413-05	ETGI-358	BP019651.D	2-Fluorophenol	150	89.19	59		18	112
			Phenol-d6	150	83.34	56		15	107
			Nitrobenzene-d5	100	60.04	60		18	107
			2-Fluorobiphenyl	100	60.05	60		20	109
			2,4,6-Tribromophenol	150	98.61	66		10	110
			Terphenyl-d14	100	49.27	49		14	112



Surrogate Summary
SW-846

SDG No.: BP020924

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB158902BL	PB158902BL	BP019625.D	2-Fluorophenol	150	121.55	81		18	112
			Phenol-d6	150	115.90	77		15	107
			Nitrobenzene-d5	100	78.04	78		18	107
			2-Fluorobiphenyl	100	78.73	79		20	109
			2,4,6-Tribromophenol	150	131.97	88		10	110
			Terphenyl-d14	100	90.53	91		14	112
PB158902BS	PB158902BS	BP019626.D	2-Fluorophenol	150	130.92	87		18	112
			Phenol-d6	150	122.04	81		15	107
			Nitrobenzene-d5	100	84.54	85		18	107
			2-Fluorobiphenyl	100	88.98	89		20	109
			2,4,6-Tribromophenol	150	145.72	97		10	110
			Terphenyl-d14	100	91.70	92		14	112



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BP020924Lab Code: CHEMSAS No.: BP020924 SDG NO.: BP020924Lab File ID: BP019623.DDFTPP Injection Date: 02/09/2024Instrument ID: BNA_PDFTPP Injection Time: 09:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.5
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	32.8
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	39.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 60.0% of mass 198	30.4
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	98.6
443	15.0 - 24.0% of mass 442	19.6 (19.9) 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
SSTDCCC040	SSTDCCC040	BP019624.D	02/09/2024	10:32
PB158902BL	PB158902BL	BP019625.D	02/09/2024	11:06
PB158902BS	PB158902BS	BP019626.D	02/09/2024	11:40
T180-AOP	P1371-03	BP019627.D	02/09/2024	12:14
RE137-CARBON-20240205	P1379-01	BP019628.D	02/09/2024	12:47
TP-5	P1378-03	BP019629.D	02/09/2024	13:21
TP-5MS	P1378-03MS	BP019630.D	02/09/2024	13:55
TP-5MSD	P1378-03MSD	BP019631.D	02/09/2024	14:29
SSTDCCC040EC	SSTDCCC040	BP019632.D	02/09/2024	15:03



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP020924

Lab Code: CHEM

SAS No.: BP020924 SDG NO.: BP020924

Lab File ID: BP019633.D

DFTPP Injection Date: 02/09/2024

Instrument ID: BNA_P

DFTPP Injection Time: 15:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.8
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	32.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	37.7
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	29.2
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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
SSTDCCC040	SSTDCCC040	BP019634.D	02/09/2024	16:11
PB158806TB	PB158806TB	BP019635.D	02/09/2024	16:45
CG-MW-17-ch4DL3	P1372-05DL3	BP019636.D	02/09/2024	17:19
HD-01-020724DL	P1387-01DL	BP019637.D	02/09/2024	17:53
CG-MW-17-ch5DL	P1372-06DL	BP019638.D	02/09/2024	18:26
CG-MW-17-ch6DL	P1372-07DL	BP019639.D	02/09/2024	19:00
CG-MW-17-ch7DL	P1372-08DL	BP019640.D	02/09/2024	19:34
B-5(10-12)DL	P1365-01DL	BP019641.D	02/09/2024	20:08
WC-3	P1389-09	BP019642.D	02/09/2024	20:42
MR-323P-GW-20240131-0	P1342-06	BP019643.D	02/09/2024	21:16
WC-4	P1389-13	BP019644.D	02/09/2024	21:50
SP-1	P1391-01	BP019645.D	02/09/2024	22:24
SP-2	P1391-11	BP019646.D	02/09/2024	22:58
SP-3	P1391-21	BP019647.D	02/09/2024	23:32
72-11929	P1411-01	BP019648.D	02/10/2024	00:06
WC-1	P1389-01	BP019649.D	02/10/2024	00:40
ETGI-347	P1413-03	BP019650.D	02/10/2024	01:14
ETGI-358	P1413-05	BP019651.D	02/10/2024	01:48
WC-COMP	P1339-01	BP019652.D	02/10/2024	02:22



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BP020924Lab Code: CHEMSAS No.: BP020924 SDG NO.: BP020924Lab File ID: BP019633.DDFTPP Injection Date: 02/09/2024Instrument ID: BNA_PDFTPP Injection Time: 15:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.8
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	32.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	37.7
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	29.2
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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
TP-4	P1378-01	BP019653.D	02/10/2024	02:56
WC-2	P1389-05	BP019654.D	02/10/2024	03:30