

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP021624 SAS No.: BP021624 SDG No.: BP021624

Instrument ID: BNA_P Calibration Date/Time: 2/16/2024 1:10:32

Lab File ID: BP019737.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	0.571		1.241	
Pyridine	1.296	1.279		-1.312	
2-Fluorophenol	1.241	1.260		1.531	
Benzaldehyde	1.173	1.264		7.758	
Aniline	1.626	1.616		-0.615	
Phenol-d6	1.673	1.680		0.418	
Phenol	1.667	1.677		0.6	20.0
bis(2-Chloroethyl)ether	1.297	1.237		-4.626	
2-Chlorophenol	1.274	1.308		2.669	
1,2-Dichlorobenzene	1.528	1.525		-0.196	
1,3-Dichlorobenzene	1.559	1.575		1.026	
1,4-Dichlorobenzene	1.579	1.594		0.95	20.0
Benzyl Alcohol	1.337	1.291		-3.441	
2-Methylphenol	1.123	1.106		-1.514	
2,2-oxybis(1-Chloropropane)	1.297	1.148		-11.488	
Acetophenone	0.570	0.563		-1.228	
3+4-Methylphenols	1.532	1.510		-1.436	
n-Nitroso-di-n-propylamine	1.143	1.033	0.050	-9.624	
Nitrobenzene-d5	0.462	0.460		-0.433	
Hexachloroethane	0.612	0.597		-2.451	
Nitrobenzene	0.465	0.463		-0.43	
Isophorone	0.804	0.778		-3.234	
2-Nitrophenol	0.177	0.196		10.734	20.0
2,4-Dimethylphenol	0.227	0.224		-1.322	
bis(2-Chloroethoxy)methane	0.455	0.425		-6.593	
2,4-Dichlorophenol	0.343	0.357		4.082	20.0
1,2,4-Trichlorobenzene	0.420	0.436		3.81	
Benzoic acid	0.221	0.261		18.1	
Naphthalene	1.097	1.099		0.182	
4-Chloroaniline	0.406	0.414		1.97	
Hexachlorobutadiene	0.311	0.321		3.215	20.0
Caprolactam	0.097	0.114		17.526	
4-Chloro-3-methylphenol	0.373	0.395		5.898	20.0
2-Methylnaphthalene	0.759	0.763		0.527	
Hexachlorocyclopentadiene	0.348	0.362	0.050	4.023	
2,4,6-Trichlorophenol	0.467	0.498		6.638	20.0
2-Fluorobiphenyl	1.618	1.569		-3.028	
2,4,5-Trichlorophenol	0.513	0.542		5.653	
1,1-Biphenyl	1.596	1.514		-5.138	
2-Chloronaphthalene	1.310	1.282		-2.137	
2-Nitroaniline	0.366	0.393		7.377	



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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	1.586		3.592	
Acenaphthylene	1.838	1.837		-0.054	
2,6-Dinitrotoluene	0.336	0.376		11.905	
3-Nitroaniline	0.309	0.350		13.269	
Acenaphthene	1.141	1.141		0.0	20.0
2,4-Dinitrophenol	0.175	0.224	0.050	28.0	
4-Nitrophenol	0.253	0.294	0.050	16.206	
Dibenzofuran	1.858	1.889		1.668	
2,4-Dinitrotoluene	0.441	0.533		20.862	
Diethylphthalate	1.523	1.569		3.02	
4-Chlorophenyl-phenylether	0.832	0.867		4.207	
Fluorene	1.480	1.561		5.473	
4-Nitroaniline	0.324	0.382		17.901	
4,6-Dinitro-2-methylphenol	0.114	0.141		23.684	
n-Nitrosodiphenylamine	0.599	0.561		-6.344	20.0
Azobenzene	1.473	1.432		-2.783	
2,4,6-Tribromophenol	0.292	0.374		28.082	
4-Bromophenyl-phenylether	0.250	0.249		-0.4	
Hexachlorobenzene	0.292	0.302		3.425	
Atrazine	0.199	0.189		-5.025	
Pentachlorophenol	0.182	0.206		13.187	20.0
Phenanthrene	1.053	1.055		0.19	
Anthracene	1.050	1.059		0.857	
Carbazole	0.954	1.012		6.08	
Di-n-butylphthalate	1.153	1.098		-4.77	
Fluoranthene	1.286	1.373		6.765	20.0
Benzidine	0.418	0.281		-32.775	
Pyrene	1.412	1.429		1.204	
Terphenyl-d14	1.216	1.239		1.891	
Butylbenzylphthalate	0.527	0.497		-5.693	
3,3-Dichlorobenzidine	0.513	0.516		0.585	
Benzo(a)anthracene	1.408	1.427		1.349	
Chrysene	1.337	1.342		0.374	
Bis(2-ethylhexyl)phthalate	0.803	0.671		-16.438	
Di-n-octyl phthalate	1.412	1.186		-16.006	20.0
Benzo(b)fluoranthene	1.261	1.236		-1.983	
Benzo(k)fluoranthene	1.204	1.197		-0.581	
Benzo(a)pyrene	1.122	1.117		-0.446	20.0
Indeno(1,2,3-cd)pyrene	1.531	1.509		-1.437	
Dibenzo(a,h)anthracene	1.259	1.260		0.079	
Benzo(g,h,i)perylene	1.277	1.263		-1.096	



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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	0.774		0.389	
1,4-Dioxane	0.478	0.441		-7.741	20.0
2,3,4,6-Tetrachlorophenol	0.431	0.505		17.169	
1-Methylnaphthalene	0.746	0.757		1.475	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159037BL	SDG No.:	BP021624
Lab Sample ID:	PB159037BL	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
BP019738.D	1	2/15/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB159037

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:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159037BL	SDG No.:	BP021624
Lab Sample ID:	PB159037BL	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
BP019738.D	1	2/15/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB159037

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:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159037BL	SDG No.:	BP021624
Lab Sample ID:	PB159037BL	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
BP019738.D	1	2/15/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB159037

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	120.49		18-112		80	SPK: -150
13127-88-3	Phenol-d6	109.54		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	77.901		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	77.973		20-109		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	160.397		10-110		107	SPK: -150
1718-51-0	Terphenyl-d14	88.164		14-112		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75590	7.905				
1146-65-2	Naphthalene-d8	269332	10.704				
15067-26-2	Acenaphthene-d10	179630	14.539				
1517-22-2	Phenanthrene-d10	441869	17.298				
1719-03-5	Chrysene-d12	448311	21.392				
1520-96-3	Perylene-d12	522227	23.821				



Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159037BL	SDG No.:	BP021624
Lab Sample ID:	PB159037BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	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
BP019738.D	1	2/15/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB159037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	96.6	A			5.022	

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159037BS	SDG No.:	BP021624
Lab Sample ID:	PB159037BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BP019739.D	1	2/15/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB159037

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		72.3	130	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	330	ug/Kg
62-53-3	Aniline	910		120	130	170	ug/Kg
108-95-2	Phenol	1500		74.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		71.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		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)	1300		100	130	170	ug/Kg
98-86-2	Acetophenone	1400		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		58.9	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		73.5	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		75.1	130	170	ug/Kg
78-59-1	Isophorone	1400		68	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	1600		78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		77.4	130	170	ug/Kg
65-85-0	Benzoic acid	1700		210	270	330	ug/Kg
91-20-3	Naphthalene	1400		81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	470		100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.9	130	170	ug/Kg
105-60-2	Caprolactam	1700		120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159037BS	SDG No.:	BP021624
Lab Sample ID:	PB159037BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BP019739.D	1	2/15/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB159037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	4200	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	1600		87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		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	1600		89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		93.3	130	170	ug/Kg
83-32-9	Acenaphthene	1500		80.2	130	170	ug/Kg
Total PAH	Total PAH	25000		1436.7	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3900	E	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	3400	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)	3300		189.7	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		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	1600		84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		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		73.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		98.7	130	170	ug/Kg
1912-24-9	Atrazine	1700		95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	3400	E	110	270	330	ug/Kg
85-01-8	Phenanthrene	1600		92.6	130	170	ug/Kg
120-12-7	Anthracene	1600		100	130	170	ug/Kg
86-74-8	Carbazole	1600		84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1400		100	130	170	ug/Kg
206-44-0	Fluoranthene	1600		94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159037BS	SDG No.:	BP021624
Lab Sample ID:	PB159037BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BP019739.D	1	2/15/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB159037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1600		190	270	330	ug/Kg
129-00-0	Pyrene	1600		83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		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	1300		110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		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	1600		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	1800		82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.283		18-112		87	SPK: -150
13127-88-3	Phenol-d6	122.014		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	83.967		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	85.348		20-109		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	165.745		10-110		110	SPK: -150
1718-51-0	Terphenyl-d14	92.452		14-112		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64902	7.905				
1146-65-2	Naphthalene-d8	230948	10.704				
15067-26-2	Acenaphthene-d10	147518	14.54				
1517-22-2	Phenanthrene-d10	337083	17.298				
1719-03-5	Chrysene-d12	317391	21.392				
1520-96-3	Perylene-d12	389478	23.816				



Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	PB159037BS	SDG No.:	BP021624
Lab Sample ID:	PB159037BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	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
BP019739.D	1	2/15/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB159037

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

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158970BL	SDG No.:	BP021624
Lab Sample ID:	PB158970BL	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
BP019740.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

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:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158970BL	SDG No.:	BP021624
Lab Sample ID:	PB158970BL	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
BP019740.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.6	U	4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	U	2.5	4	5	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:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158970BL	SDG No.:	BP021624
Lab Sample ID:	PB158970BL	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
BP019740.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

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	120.399		10-139		80	SPK: -150
13127-88-3	Phenol-d6	108.763		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	76.856		49-133		77	SPK: -100
321-60-8	2-Fluorobiphenyl	79.82		52-132		80	SPK: -100
118-79-6	2,4,6-Tribromophenol	143.385		32-145		96	SPK: -150
1718-51-0	Terphenyl-d14	85.619		36-145		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72433	7.905				
1146-65-2	Naphthalene-d8	259927	10.704				
15067-26-2	Acenaphthene-d10	158588	14.54				
1517-22-2	Phenanthrene-d10	352309	17.298				
1719-03-5	Chrysene-d12	333521	21.392				
1520-96-3	Perylene-d12	425859	23.821				



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

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158970BL	SDG No.:	BP021624
Lab Sample ID:	PB158970BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BP019740.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.8	A			5.022	

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158970BS	SDG No.:	BP021624
Lab Sample ID:	PB158970BS	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
BP019741.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41		2	8	10	ug/L
110-86-1	Pyridine	32.7		1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	25.7		2.4	4	5	ug/L
108-95-2	Phenol	43.8		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.1		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	45.4		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.7		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.4		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	43.3		2.4	8	10	ug/L
95-48-7	2-Methylphenol	44		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.6		2.3	4	5	ug/L
98-86-2	Acetophenone	42.1		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	43.6		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40.3		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.2		1.6	4	5	ug/L
98-95-3	Nitrobenzene	40.6		1.7	4	5	ug/L
78-59-1	Isophorone	41.7		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	48.8		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	52.8		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.5		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.9		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44		1.7	4	5	ug/L
65-85-0	Benzoic acid	51		6.7	8	10	ug/L
91-20-3	Naphthalene	42.1		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	12.8		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.3		1.9	4	5	ug/L
105-60-2	Caprolactam	51.1		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	47.3		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	43.3		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158970BS	SDG No.:	BP021624
Lab Sample ID:	PB158970BS	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
BP019741.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	130	E	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	47.5		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	48		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	42.4		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	41.6		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	45.8		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	46.2		1.9	4	5	ug/L
208-96-8	Acenaphthylene	47.3		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.2		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	31.8		2.4	4	5	ug/L
83-32-9	Acenaphthene	42.7		1.7	4	5	ug/L
Total PAH	Total PAH	722.8		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	45.4		1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	51.2		2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.4		4.6	4	10	ug/L
84-66-2	Diethylphthalate	47.1		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.5		2.2	4	5	ug/L
86-73-7	Fluorene	46		2	4	5	ug/L
100-01-6	4-Nitroaniline	47.8		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.9		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	42.6		2	4	5	ug/L
103-33-3	Azobenzene	43.3		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44.6		2	4	5	ug/L
118-74-1	Hexachlorobenzene	44.3		1.9	4	5	ug/L
1912-24-9	Atrazine	50.9		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	99.6	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	45		2	4	5	ug/L
120-12-7	Anthracene	45.7		2.3	4	5	ug/L
86-74-8	Carbazole	45.9		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	45.1		2.4	4	5	ug/L
206-44-0	Fluoranthene	46.8		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158970BS	SDG No.:	BP021624
Lab Sample ID:	PB158970BS	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
BP019741.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	44.9		6.6	8	10	ug/L
129-00-0	Pyrene	44.9		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	45.3		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35.8		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	45.3		1.5	4	5	ug/L
218-01-9	Chrysene	44.4		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.3		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	41.4		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46.5		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	44.8		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	46.4		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.5		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.2		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.2		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.9		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	32.4		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54.2		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	42.3		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.952		10-139		86	SPK: -150
13127-88-3	Phenol-d6	122.561		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	81.081		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	82.313		52-132		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	165.675		32-145		110	SPK: -150
1718-51-0	Terphenyl-d14	91.06		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69893	7.905				
1146-65-2	Naphthalene-d8	260079	10.704				
15067-26-2	Acenaphthene-d10	173388	14.54				
1517-22-2	Phenanthrene-d10	409566	17.298				
1719-03-5	Chrysene-d12	401938	21.392				
1520-96-3	Perylene-d12	457544	23.816				



Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158970BS	SDG No.:	BP021624
Lab Sample ID:	PB158970BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BP019741.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

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

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158970BSD	SDG No.:	BP021624
Lab Sample ID:	PB158970BSD	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
BP019742.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	40		2	8	10	ug/L
110-86-1	Pyridine	32		1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	23.7		2.4	4	5	ug/L
108-95-2	Phenol	39.5		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	38.9		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	41.6		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	39.9		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.2		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.1		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	39.1		2.4	8	10	ug/L
95-48-7	2-Methylphenol	39.3		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38.1		2.3	4	5	ug/L
98-86-2	Acetophenone	41.4		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	37.3		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	39.8		1.6	4	5	ug/L
98-95-3	Nitrobenzene	39.7		1.7	4	5	ug/L
78-59-1	Isophorone	39.3		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	46.3		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	47.2		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	39.4		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.9		1.7	4	5	ug/L
65-85-0	Benzoic acid	43.2		6.7	8	10	ug/L
91-20-3	Naphthalene	41.3		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	9.9		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.5		1.9	4	5	ug/L
105-60-2	Caprolactam	43.2		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	41		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	40.6		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158970BSD	SDG No.:	BP021624
Lab Sample ID:	PB158970BSD	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
BP019742.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	130	E	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	45.3		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	44.1		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	41.7		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	40.9		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	43.1		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	42.1		1.9	4	5	ug/L
208-96-8	Acenaphthylene	45.7		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	43		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	29.6		2.4	4	5	ug/L
83-32-9	Acenaphthene	40.9		1.7	4	5	ug/L
Total PAH	Total PAH	707.6		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	90	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	43.1		1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89		4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	46		2.5	4	5	ug/L
84-66-2	Diethylphthalate	41.4		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.7		2.2	4	5	ug/L
86-73-7	Fluorene	43.2		2	4	5	ug/L
100-01-6	4-Nitroaniline	42.2		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50.8		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	42.2		2	4	5	ug/L
103-33-3	Azobenzene	39.5		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	43.5		2	4	5	ug/L
118-74-1	Hexachlorobenzene	43.6		1.9	4	5	ug/L
1912-24-9	Atrazine	48.1		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	94.7	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	43.6		2	4	5	ug/L
120-12-7	Anthracene	44.6		2.3	4	5	ug/L
86-74-8	Carbazole	43.3		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	40.9		2.4	4	5	ug/L
206-44-0	Fluoranthene	43.9		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158970BSD	SDG No.:	BP021624
Lab Sample ID:	PB158970BSD	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
BP019742.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	43.4		6.6	8	10	ug/L
129-00-0	Pyrene	44.4		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	42.5		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37.3		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	43.8		1.5	4	5	ug/L
218-01-9	Chrysene	43.1		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	37.1		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	35.8		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	42.1		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	44.1		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	45.1		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.9		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45.9		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.2		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.2		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.6		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	38.8		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.536		10-139		80	SPK: -150
13127-88-3	Phenol-d6	110.206		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	79.368		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	81.185		52-132		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	147.055		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	88.043		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71684	7.904				
1146-65-2	Naphthalene-d8	248822	10.704				
15067-26-2	Acenaphthene-d10	151608	14.539				
1517-22-2	Phenanthrene-d10	329252	17.298				
1719-03-5	Chrysene-d12	302153	21.392				
1520-96-3	Perylene-d12	359995	23.815				



Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158970BSD	SDG No.:	BP021624
Lab Sample ID:	PB158970BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BP019742.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

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:	FB020724	SDG No.:	BP021624
Lab Sample ID:	P1414-09	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
BP019743.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

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:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	FB020724	SDG No.:	BP021624
Lab Sample ID:	P1414-09	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
BP019743.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

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:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	FB020724	SDG No.:	BP021624
Lab Sample ID:	P1414-09	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
BP019743.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

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	19.409		10-139		13	SPK: -150
13127-88-3	Phenol-d6	13.732	*	10-134		9	SPK: -150
4165-60-0	Nitrobenzene-d5	85.399		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	86.172		52-132		86	SPK: -100
118-79-6	2,4,6-Tribromophenol	85.433		32-145		57	SPK: -150
1718-51-0	Terphenyl-d14	100.445		36-145		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62772	7.899				
1146-65-2	Naphthalene-d8	234720	10.704				
15067-26-2	Acenaphthene-d10	167007	14.539				
1517-22-2	Phenanthrene-d10	416517	17.298				
1719-03-5	Chrysene-d12	434972	21.392				
1520-96-3	Perylene-d12	484745	23.815				

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:	FB020724	SDG No.:	BP021624
Lab Sample ID:	P1414-09	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
BP019743.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	67.9	A			5.022	
002420-56-6	10E,12Z-Octadecadienoic acid	50	J			14.963	
000057-11-4	Octadecanoic acid	1700	J			15.563	
032811-40-8	(E)-4-(3-Hydroxyprop-1-en-1-yl)-2-	26.4	J			16.698	
000057-10-3	n-Hexadecanoic acid	110	J			18.192	
004206-58-0	trans-Sinapaldehyde	38.5	J			18.463	
020675-96-1	trans-Sinapyl alcohol	47.6	J			18.504	
000544-63-8	Tetradecanoic acid	43.9	J			19.427	

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:	TW-1	SDG No.:	BP021624
Lab Sample ID:	P1440-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	900	Units:	mL
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
BP019744.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.2	U	2.2	8.9	11.1	ug/L
110-86-1	Pyridine	2	U	2	4.4	5.6	ug/L
100-52-7	Benzaldehyde	3.6	U	3.6	8.9	11.1	ug/L
62-53-3	Aniline	2.7	U	2.7	4.4	5.6	ug/L
108-95-2	Phenol	1.6	U	1.6	4.4	5.6	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.8	U	1.8	4.4	5.6	ug/L
95-57-8	2-Chlorophenol	1.5	U	1.5	4.4	5.6	ug/L
95-50-1	1,2-Dichlorobenzene	1.4	U	1.4	4.4	5.6	ug/L
541-73-1	1,3-Dichlorobenzene	1.9	U	1.9	4.4	5.6	ug/L
106-46-7	1,4-Dichlorobenzene	1.6	U	1.6	4.4	5.6	ug/L
100-51-6	Benzyl Alcohol	2.6	U	2.6	8.9	11.1	ug/L
95-48-7	2-Methylphenol	2.3	U	2.3	4.4	5.6	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.5	U	2.5	4.4	5.6	ug/L
98-86-2	Acetophenone	2	U	2	4.4	5.6	ug/L
65794-96-9	3+4-Methylphenols	2.4	U	2.4	8.9	11.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.2	U	2.2	2.8	2.8	ug/L
67-72-1	Hexachloroethane	1.8	U	1.8	4.4	5.6	ug/L
98-95-3	Nitrobenzene	1.9	U	1.9	4.4	5.6	ug/L
78-59-1	Isophorone	1.9	U	1.9	4.4	5.6	ug/L
88-75-5	2-Nitrophenol	2.6	U	2.6	4.4	5.6	ug/L
105-67-9	2,4-Dimethylphenol	3.3	U	3.3	4.4	5.6	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.3	U	2.3	4.4	5.6	ug/L
120-83-2	2,4-Dichlorophenol	1.9	U	1.9	4.4	5.6	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.9	U	1.9	4.4	5.6	ug/L
65-85-0	Benzoic acid	7.4	U	7.4	8.9	11.1	ug/L
91-20-3	Naphthalene	1.9	U	1.9	4.4	5.6	ug/L
106-47-8	4-Chloroaniline	2.8	U	2.8	4.4	5.6	ug/L
87-68-3	Hexachlorobutadiene	2.1	U	2.1	4.4	5.6	ug/L
105-60-2	Caprolactam	3.8	U	3.8	8.9	11.1	ug/L
59-50-7	4-Chloro-3-methylphenol	1.9	U	1.9	4.4	5.6	ug/L
91-57-6	2-Methylnaphthalene	2.5	U	2.5	4.4	5.6	ug/L

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:	TW-1	SDG No.:	BP021624
Lab Sample ID:	P1440-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	900	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
BP019744.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	6.4	U	6.4	8.9	11.1	ug/L
88-06-2	2,4,6-Trichlorophenol	1.7	U	1.7	4.4	5.6	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	4.4	5.6	ug/L
92-52-4	1,1-Biphenyl	2	U	2	4.4	5.6	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	4.4	5.6	ug/L
88-74-4	2-Nitroaniline	2.6	U	2.6	4.4	5.6	ug/L
131-11-3	Dimethylphthalate	2.1	U	2.1	4.4	5.6	ug/L
208-96-8	Acenaphthylene	2.4	U	2.4	4.4	5.6	ug/L
606-20-2	2,6-Dinitrotoluene	2.3	U	2.3	4.4	5.6	ug/L
99-09-2	3-Nitroaniline	2.6	U	2.6	4.4	5.6	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	4.4	5.6	ug/L
Total PAH	Total PAH	34.3	U	34.3	4.4	89.6	ug/L
51-28-5	2,4-Dinitrophenol	6.1	U	6.1	8.9	11.1	ug/L
100-02-7	4-Nitrophenol	3.1	U	3.1	8.9	11.1	ug/L
132-64-9	Dibenzofuran	1.8	U	1.8	4.4	5.6	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6.1	U	5.1	4.4	11.2	ug/L
121-14-2	2,4-Dinitrotoluene	2.8	U	2.8	4.4	5.6	ug/L
84-66-2	Diethylphthalate	2.3	U	2.3	4.4	5.6	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.5	U	2.5	4.4	5.6	ug/L
86-73-7	Fluorene	2.3	U	2.3	4.4	5.6	ug/L
100-01-6	4-Nitroaniline	2.6	U	2.6	4.4	5.6	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2	U	2	8.9	11.1	ug/L
86-30-6	n-Nitrosodiphenylamine	2.2	U	2.2	4.4	5.6	ug/L
103-33-3	Azobenzene	1.8	U	1.8	4.4	5.6	ug/L
101-55-3	4-Bromophenyl-phenylether	2.2	U	2.2	4.4	5.6	ug/L
118-74-1	Hexachlorobenzene	2.1	U	2.1	4.4	5.6	ug/L
1912-24-9	Atrazine	3.9	U	3.9	4.4	5.6	ug/L
87-86-5	Pentachlorophenol	2.8	U	2.8	8.9	11.1	ug/L
85-01-8	Phenanthrene	2.2	U	2.2	4.4	5.6	ug/L
120-12-7	Anthracene	2.5	U	2.5	4.4	5.6	ug/L
86-74-8	Carbazole	1.9	U	1.9	4.4	5.6	ug/L
84-74-2	Di-n-butylphthalate	2.7	U	2.7	4.4	5.6	ug/L
206-44-0	Fluoranthene	2.3	U	2.3	4.4	5.6	ug/L

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:	TW-1	SDG No.:	BP021624
Lab Sample ID:	P1440-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	900	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
BP019744.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	7.3	U	7.3	8.9	11.1	ug/L
129-00-0	Pyrene	2.1	U	2.1	4.4	5.6	ug/L
85-68-7	Butylbenzylphthalate	3.1	U	3.1	4.4	5.6	ug/L
91-94-1	3,3-Dichlorobenzidine	6	U	6	8.9	11.1	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	4.4	5.6	ug/L
218-01-9	Chrysene	1.7	U	1.7	4.4	5.6	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.3	U	3.3	4.4	5.6	ug/L
117-84-0	Di-n-octyl phthalate	3.5	U	3.5	8.9	11.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.7	U	1.7	4.4	5.6	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	U	2.1	4.4	5.6	ug/L
50-32-8	Benzo(a)pyrene	3	U	3	4.4	5.6	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.3	U	2.3	4.4	5.6	ug/L
53-70-3	Dibenzo(a,h)anthracene	2.2	U	2.2	4.4	5.6	ug/L
191-24-2	Benzo(g,h,i)perylene	2.1	U	2.1	4.4	5.6	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.3	U	2.3	4.4	5.6	ug/L
123-91-1	1,4-Dioxane	2.7	U	2.7	4.4	5.6	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	4.4	5.6	ug/L
90-12-0	1-Methylnaphthalene	2.3	U	2.3	4.4	5.6	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	67.257		10-139		45	SPK: -150
13127-88-3	Phenol-d6	42.042		10-134		28	SPK: -150
4165-60-0	Nitrobenzene-d5	83.66		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	83.533		52-132		84	SPK: -100
118-79-6	2,4,6-Tribromophenol	158.67		32-145		106	SPK: -150
1718-51-0	Terphenyl-d14	77.397		36-145		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63344	7.899				
1146-65-2	Naphthalene-d8	225141	10.704				
15067-26-2	Acenaphthene-d10	147951	14.539				
1517-22-2	Phenanthrene-d10	363120	17.292				
1719-03-5	Chrysene-d12	412088	21.386				
1520-96-3	Perylene-d12	475332	23.81				



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

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:	TW-1	SDG No.:	BP021624
Lab Sample ID:	P1440-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	900	Units:	mL
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
BP019744.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.5	A			5.022	
000057-10-3	n-Hexadecanoic acid	8.4	J			18.192	
000057-11-4	Octadecanoic acid	3.4	J			19.427	

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:	TW-2	SDG No.:	BP021624
Lab Sample ID:	P1440-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	890	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
BP019745.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.3	U	2.3	9	11.2	ug/L
110-86-1	Pyridine	2	U	2	4.5	5.6	ug/L
100-52-7	Benzaldehyde	3.7	U	3.7	9	11.2	ug/L
62-53-3	Aniline	2.7	U	2.7	4.5	5.6	ug/L
108-95-2	Phenol	1.7	U	1.7	4.5	5.6	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.9	U	1.9	4.5	5.6	ug/L
95-57-8	2-Chlorophenol	1.5	U	1.5	4.5	5.6	ug/L
95-50-1	1,2-Dichlorobenzene	1.4	U	1.4	4.5	5.6	ug/L
541-73-1	1,3-Dichlorobenzene	2	U	2	4.5	5.6	ug/L
106-46-7	1,4-Dichlorobenzene	1.6	U	1.6	4.5	5.6	ug/L
100-51-6	Benzyl Alcohol	2.7	U	2.7	9	11.2	ug/L
95-48-7	2-Methylphenol	2.3	U	2.3	4.5	5.6	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.5	U	2.5	4.5	5.6	ug/L
98-86-2	Acetophenone	2	U	2	4.5	5.6	ug/L
65794-96-9	3+4-Methylphenols	2.4	U	2.4	9	11.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.2	U	2.2	2.8	2.8	ug/L
67-72-1	Hexachloroethane	1.8	U	1.8	4.5	5.6	ug/L
98-95-3	Nitrobenzene	1.9	U	1.9	4.5	5.6	ug/L
78-59-1	Isophorone	1.9	U	1.9	4.5	5.6	ug/L
88-75-5	2-Nitrophenol	2.7	U	2.7	4.5	5.6	ug/L
105-67-9	2,4-Dimethylphenol	3.3	U	3.3	4.5	5.6	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.3	U	2.3	4.5	5.6	ug/L
120-83-2	2,4-Dichlorophenol	1.9	U	1.9	4.5	5.6	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.9	U	1.9	4.5	5.6	ug/L
65-85-0	Benzoic acid	7.5	U	7.5	9	11.2	ug/L
91-20-3	Naphthalene	1.9	U	1.9	4.5	5.6	ug/L
106-47-8	4-Chloroaniline	2.9	U	2.9	4.5	5.6	ug/L
87-68-3	Hexachlorobutadiene	2.2	U	2.2	4.5	5.6	ug/L
105-60-2	Caprolactam	3.9	U	3.9	9	11.2	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	4.5	5.6	ug/L
91-57-6	2-Methylnaphthalene	2.5	U	2.5	4.5	5.6	ug/L

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:	TW-2	SDG No.:	BP021624
Lab Sample ID:	P1440-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	890	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
BP019745.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	6.4	U	6.4	9	11.2	ug/L
88-06-2	2,4,6-Trichlorophenol	1.7	U	1.7	4.5	5.6	ug/L
95-95-4	2,4,5-Trichlorophenol	1.8	U	1.8	4.5	5.6	ug/L
92-52-4	1,1-Biphenyl	2	U	2	4.5	5.6	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	4.5	5.6	ug/L
88-74-4	2-Nitroaniline	2.7	U	2.7	4.5	5.6	ug/L
131-11-3	Dimethylphthalate	2.1	U	2.1	4.5	5.6	ug/L
208-96-8	Acenaphthylene	2.4	U	2.4	4.5	5.6	ug/L
606-20-2	2,6-Dinitrotoluene	2.4	U	2.4	4.5	5.6	ug/L
99-09-2	3-Nitroaniline	2.7	U	2.7	4.5	5.6	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	4.5	5.6	ug/L
Total PAH	Total PAH	34.6	U	34.6	4.5	89.6	ug/L
51-28-5	2,4-Dinitrophenol	6.1	U	6.1	9	11.2	ug/L
100-02-7	4-Nitrophenol	3.1	U	3.1	9	11.2	ug/L
132-64-9	Dibenzofuran	1.8	U	1.8	4.5	5.6	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6.3	U	5.3	4.5	11.2	ug/L
121-14-2	2,4-Dinitrotoluene	2.9	U	2.9	4.5	5.6	ug/L
84-66-2	Diethylphthalate	2.3	U	2.3	4.5	5.6	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.5	U	2.5	4.5	5.6	ug/L
86-73-7	Fluorene	2.3	U	2.3	4.5	5.6	ug/L
100-01-6	4-Nitroaniline	2.6	U	2.6	4.5	5.6	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2	U	2	9	11.2	ug/L
86-30-6	n-Nitrosodiphenylamine	2.2	U	2.2	4.5	5.6	ug/L
103-33-3	Azobenzene	1.8	U	1.8	4.5	5.6	ug/L
101-55-3	4-Bromophenyl-phenylether	2.2	U	2.2	4.5	5.6	ug/L
118-74-1	Hexachlorobenzene	2.1	U	2.1	4.5	5.6	ug/L
1912-24-9	Atrazine	3.9	U	3.9	4.5	5.6	ug/L
87-86-5	Pentachlorophenol	2.9	U	2.9	9	11.2	ug/L
85-01-8	Phenanthrene	2.2	U	2.2	4.5	5.6	ug/L
120-12-7	Anthracene	2.6	U	2.6	4.5	5.6	ug/L
86-74-8	Carbazole	1.9	U	1.9	4.5	5.6	ug/L
84-74-2	Di-n-butylphthalate	2.7	U	2.7	4.5	5.6	ug/L
206-44-0	Fluoranthene	2.3	U	2.3	4.5	5.6	ug/L

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:	TW-2	SDG No.:	BP021624
Lab Sample ID:	P1440-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	890	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
BP019745.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	7.4	U	7.4	9	11.2	ug/L
129-00-0	Pyrene	2.1	U	2.1	4.5	5.6	ug/L
85-68-7	Butylbenzylphthalate	3.1	U	3.1	4.5	5.6	ug/L
91-94-1	3,3-Dichlorobenzidine	6	U	6	9	11.2	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	4.5	5.6	ug/L
218-01-9	Chrysene	1.8	U	1.8	4.5	5.6	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.3	U	3.3	4.5	5.6	ug/L
117-84-0	Di-n-octyl phthalate	3.5	U	3.5	9	11.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.7	U	1.7	4.5	5.6	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	U	2.1	4.5	5.6	ug/L
50-32-8	Benzo(a)pyrene	3	U	3	4.5	5.6	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.3	U	2.3	4.5	5.6	ug/L
53-70-3	Dibenzo(a,h)anthracene	2.2	U	2.2	4.5	5.6	ug/L
191-24-2	Benzo(g,h,i)perylene	2.2	U	2.2	4.5	5.6	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.3	U	2.3	4.5	5.6	ug/L
123-91-1	1,4-Dioxane	2.7	U	2.7	4.5	5.6	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	4.5	5.6	ug/L
90-12-0	1-Methylnaphthalene	2.3	U	2.3	4.5	5.6	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	83.001		10-139		55	SPK: -150
13127-88-3	Phenol-d6	52.562		10-134		35	SPK: -150
4165-60-0	Nitrobenzene-d5	92.632		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	95.714		52-132		96	SPK: -100
118-79-6	2,4,6-Tribromophenol	194.792		32-145		130	SPK: -150
1718-51-0	Terphenyl-d14	102.686		36-145		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71200	7.899				
1146-65-2	Naphthalene-d8	264584	10.698				
15067-26-2	Acenaphthene-d10	176126	14.534				
1517-22-2	Phenanthrene-d10	435824	17.298				
1719-03-5	Chrysene-d12	465277	21.386				
1520-96-3	Perylene-d12	526559	23.81				



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

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:	TW-2	SDG No.:	BP021624
Lab Sample ID:	P1440-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	890	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
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
BP019745.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.8	A			5.022	
000057-10-3	n-Hexadecanoic acid	4.9	J			18.192	
000077-94-1	Butyl citrate	2.4	J			19.563	

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:	TW-3	SDG No.:	BP021624
Lab Sample ID:	P1440-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	620	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
BP019746.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	3.3	U	3.3	12.9	16.1	ug/L
110-86-1	Pyridine	2.9	U	2.9	6.5	8.1	ug/L
100-52-7	Benzaldehyde	5.3	U	5.3	12.9	16.1	ug/L
62-53-3	Aniline	3.9	U	3.9	6.5	8.1	ug/L
108-95-2	Phenol	2.4	U	2.4	6.5	8.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	2.7	U	2.7	6.5	8.1	ug/L
95-57-8	2-Chlorophenol	2.2	U	2.2	6.5	8.1	ug/L
95-50-1	1,2-Dichlorobenzene	2	U	2	6.5	8.1	ug/L
541-73-1	1,3-Dichlorobenzene	2.8	U	2.8	6.5	8.1	ug/L
106-46-7	1,4-Dichlorobenzene	2.3	U	2.3	6.5	8.1	ug/L
100-51-6	Benzyl Alcohol	3.8	U	3.8	12.9	16.1	ug/L
95-48-7	2-Methylphenol	3.3	U	3.3	6.5	8.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	3.6	U	3.6	6.5	8.1	ug/L
98-86-2	Acetophenone	2.9	U	2.9	6.5	8.1	ug/L
65794-96-9	3+4-Methylphenols	3.5	U	3.5	12.9	16.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	3.2	U	3.2	4	4	ug/L
67-72-1	Hexachloroethane	2.6	U	2.6	6.5	8.1	ug/L
98-95-3	Nitrobenzene	2.8	U	2.8	6.5	8.1	ug/L
78-59-1	Isophorone	2.8	U	2.8	6.5	8.1	ug/L
88-75-5	2-Nitrophenol	3.8	U	3.8	6.5	8.1	ug/L
105-67-9	2,4-Dimethylphenol	4.8	U	4.8	6.5	8.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	3.3	U	3.3	6.5	8.1	ug/L
120-83-2	2,4-Dichlorophenol	2.7	U	2.7	6.5	8.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.7	U	2.7	6.5	8.1	ug/L
65-85-0	Benzoic acid	10.7	U	10.7	12.9	16.1	ug/L
91-20-3	Naphthalene	2.7	U	2.7	6.5	8.1	ug/L
106-47-8	4-Chloroaniline	4.1	U	4.1	6.5	8.1	ug/L
87-68-3	Hexachlorobutadiene	3.1	U	3.1	6.5	8.1	ug/L
105-60-2	Caprolactam	5.5	U	5.5	12.9	16.1	ug/L
59-50-7	4-Chloro-3-methylphenol	2.8	U	2.8	6.5	8.1	ug/L
91-57-6	2-Methylnaphthalene	3.6	U	3.6	6.5	8.1	ug/L

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:	TW-3	SDG No.:	BP021624
Lab Sample ID:	P1440-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	620	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
BP019746.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	9.3	U	9.3	12.9	16.1	ug/L
88-06-2	2,4,6-Trichlorophenol	2.5	U	2.5	6.5	8.1	ug/L
95-95-4	2,4,5-Trichlorophenol	2.5	U	2.5	6.5	8.1	ug/L
92-52-4	1,1-Biphenyl	2.9	U	2.9	6.5	8.1	ug/L
91-58-7	2-Chloronaphthalene	2.6	U	2.6	6.5	8.1	ug/L
88-74-4	2-Nitroaniline	3.8	U	3.8	6.5	8.1	ug/L
131-11-3	Dimethylphthalate	3	U	3	6.5	8.1	ug/L
208-96-8	Acenaphthylene	3.5	U	3.5	6.5	8.1	ug/L
606-20-2	2,6-Dinitrotoluene	3.4	U	3.4	6.5	8.1	ug/L
99-09-2	3-Nitroaniline	3.8	U	3.8	6.5	8.1	ug/L
83-32-9	Acenaphthene	2.8	U	2.8	6.5	8.1	ug/L
Total PAH	Total PAH	49.8	U	49.8	6.5	129.6	ug/L
51-28-5	2,4-Dinitrophenol	8.8	U	8.8	12.9	16.1	ug/L
100-02-7	4-Nitrophenol	4.5	U	4.5	12.9	16.1	ug/L
132-64-9	Dibenzofuran	2.5	U	2.5	6.5	8.1	ug/L
121-14-2	2,4-Dinitrotoluene	4.1	U	4.1	6.5	8.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	7.5	U	7.5	6.5	16.2	ug/L
84-66-2	Diethylphthalate	3.3	U	3.3	6.5	8.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.6	U	3.6	6.5	8.1	ug/L
86-73-7	Fluorene	3.3	U	3.3	6.5	8.1	ug/L
100-01-6	4-Nitroaniline	3.8	U	3.8	6.5	8.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.9	U	2.9	12.9	16.1	ug/L
86-30-6	n-Nitrosodiphenylamine	3.1	U	3.1	6.5	8.1	ug/L
103-33-3	Azobenzene	2.6	U	2.6	6.5	8.1	ug/L
101-55-3	4-Bromophenyl-phenylether	3.1	U	3.1	6.5	8.1	ug/L
118-74-1	Hexachlorobenzene	3.1	U	3.1	6.5	8.1	ug/L
1912-24-9	Atrazine	5.6	U	5.6	6.5	8.1	ug/L
87-86-5	Pentachlorophenol	4.1	U	4.1	12.9	16.1	ug/L
85-01-8	Phenanthrene	3.2	U	3.2	6.5	8.1	ug/L
120-12-7	Anthracene	3.7	U	3.7	6.5	8.1	ug/L
86-74-8	Carbazole	2.7	U	2.7	6.5	8.1	ug/L
84-74-2	Di-n-butylphthalate	3.9	U	3.9	6.5	8.1	ug/L
206-44-0	Fluoranthene	3.3	U	3.3	6.5	8.1	ug/L

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:	TW-3	SDG No.:	BP021624
Lab Sample ID:	P1440-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	620	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
BP019746.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	10.6	U	10.6	12.9	16.1	ug/L
129-00-0	Pyrene	3	U	3	6.5	8.1	ug/L
85-68-7	Butylbenzylphthalate	4.5	U	4.5	6.5	8.1	ug/L
91-94-1	3,3-Dichlorobenzidine	8.7	U	8.7	12.9	16.1	ug/L
56-55-3	Benzo(a)anthracene	2.3	U	2.3	6.5	8.1	ug/L
218-01-9	Chrysene	2.5	U	2.5	6.5	8.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.7	U	4.7	6.5	8.1	ug/L
117-84-0	Di-n-octyl phthalate	5	U	5	12.9	16.1	ug/L
205-99-2	Benzo(b)fluoranthene	2.4	U	2.4	6.5	8.1	ug/L
207-08-9	Benzo(k)fluoranthene	3	U	3	6.5	8.1	ug/L
50-32-8	Benzo(a)pyrene	4.4	U	4.4	6.5	8.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.4	U	3.4	6.5	8.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.2	U	3.2	6.5	8.1	ug/L
191-24-2	Benzo(g,h,i)perylene	3.1	U	3.1	6.5	8.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	3.3	U	3.3	6.5	8.1	ug/L
123-91-1	1,4-Dioxane	10		3.9	6.5	8.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2.1	U	2.1	6.5	8.1	ug/L
90-12-0	1-Methylnaphthalene	3.4	U	3.4	6.5	8.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	88.777		10-139		59	SPK: -150
13127-88-3	Phenol-d6	58.25		10-134		39	SPK: -150
4165-60-0	Nitrobenzene-d5	92.382		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	97.993		52-132		98	SPK: -100
118-79-6	2,4,6-Tribromophenol	174.297		32-145		116	SPK: -150
1718-51-0	Terphenyl-d14	90.865		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72691	7.905				
1146-65-2	Naphthalene-d8	247583	10.699				
15067-26-2	Acenaphthene-d10	146561	14.534				
1517-22-2	Phenanthrene-d10	325660	17.292				
1719-03-5	Chrysene-d12	387520	21.386				
1520-96-3	Perylene-d12	459993	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:	TW-3	SDG No.:	BP021624
Lab Sample ID:	P1440-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	620	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
BP019746.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown6.534	48.2	J			6.534	
000111-87-5	1-Octanol	79	J			8.64	
000112-30-1	1-Decanol	97.7	J			11.74	
	unknown12.263	58.8	J			12.263	
1000441-61-6	3-pentylpiperidin-2-one	97.5	J			13.675	
000872-05-9	1-Decene	42.8	J			14.187	
	unknown14.593	67.6	J			14.593	
000143-07-7	Dodecanoic acid	56.9	J			14.993	
	unknown15.298	74.9	J			15.298	
000112-96-9	Octadecane, 1-isocyanato-	72.4	J			15.71	
003055-93-4	Diethylene glycol monododecyl ethe	74.9	J			17.01	
1000330-93-1	Hexanoic acid, 3-fluorophenyl este	370	J			17.392	
004792-15-8	Pentaethylene glycol	67	J			17.563	
064204-55-3	Esaprazole	84.5	J			18.804	
003055-94-5	Triethylene glycol monododecyl eth	90.3	J			18.916	
001559-34-8	3,6,9,12-Tetraoxahexadecan-1-ol	49.8	J			19.345	
	unknown19.722	49.1	J			19.722	
005117-19-1	2-[2-[2-[2-[2-[2-(2-Hydroxyetho	54.9	J			20.404	
019327-40-3	n-Octylpentaoxyethylene	40.2	J			20.757	
001786-94-3	3,6,9,12,15-Pentaoxanonadecan-1-ol	38.1	J			21.663	

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:	FB020724GW	SDG No.:	BP021624
Lab Sample ID:	P1440-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	900 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
BP019747.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.2	U	2.2	8.9	11.1	ug/L
110-86-1	Pyridine	2	U	2	4.4	5.6	ug/L
100-52-7	Benzaldehyde	3.6	U	3.6	8.9	11.1	ug/L
62-53-3	Aniline	2.7	U	2.7	4.4	5.6	ug/L
108-95-2	Phenol	1.6	U	1.6	4.4	5.6	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.8	U	1.8	4.4	5.6	ug/L
95-57-8	2-Chlorophenol	1.5	U	1.5	4.4	5.6	ug/L
95-50-1	1,2-Dichlorobenzene	1.4	U	1.4	4.4	5.6	ug/L
541-73-1	1,3-Dichlorobenzene	1.9	U	1.9	4.4	5.6	ug/L
106-46-7	1,4-Dichlorobenzene	1.6	U	1.6	4.4	5.6	ug/L
100-51-6	Benzyl Alcohol	2.6	U	2.6	8.9	11.1	ug/L
95-48-7	2-Methylphenol	2.3	U	2.3	4.4	5.6	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.5	U	2.5	4.4	5.6	ug/L
98-86-2	Acetophenone	2	U	2	4.4	5.6	ug/L
65794-96-9	3+4-Methylphenols	2.4	U	2.4	8.9	11.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.2	U	2.2	2.8	2.8	ug/L
67-72-1	Hexachloroethane	1.8	U	1.8	4.4	5.6	ug/L
98-95-3	Nitrobenzene	1.9	U	1.9	4.4	5.6	ug/L
78-59-1	Isophorone	1.9	U	1.9	4.4	5.6	ug/L
88-75-5	2-Nitrophenol	2.6	U	2.6	4.4	5.6	ug/L
105-67-9	2,4-Dimethylphenol	3.3	U	3.3	4.4	5.6	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.3	U	2.3	4.4	5.6	ug/L
120-83-2	2,4-Dichlorophenol	1.9	U	1.9	4.4	5.6	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.9	U	1.9	4.4	5.6	ug/L
65-85-0	Benzoic acid	7.4	U	7.4	8.9	11.1	ug/L
91-20-3	Naphthalene	1.9	U	1.9	4.4	5.6	ug/L
106-47-8	4-Chloroaniline	2.8	U	2.8	4.4	5.6	ug/L
87-68-3	Hexachlorobutadiene	2.1	U	2.1	4.4	5.6	ug/L
105-60-2	Caprolactam	3.8	U	3.8	8.9	11.1	ug/L
59-50-7	4-Chloro-3-methylphenol	1.9	U	1.9	4.4	5.6	ug/L
91-57-6	2-Methylnaphthalene	2.5	U	2.5	4.4	5.6	ug/L

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:	FB020724GW	SDG No.:	BP021624
Lab Sample ID:	P1440-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	900 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
BP019747.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	6.4	U	6.4	8.9	11.1	ug/L
88-06-2	2,4,6-Trichlorophenol	1.7	U	1.7	4.4	5.6	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	4.4	5.6	ug/L
92-52-4	1,1-Biphenyl	2	U	2	4.4	5.6	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	4.4	5.6	ug/L
88-74-4	2-Nitroaniline	2.6	U	2.6	4.4	5.6	ug/L
131-11-3	Dimethylphthalate	2.1	U	2.1	4.4	5.6	ug/L
208-96-8	Acenaphthylene	2.4	U	2.4	4.4	5.6	ug/L
606-20-2	2,6-Dinitrotoluene	2.3	U	2.3	4.4	5.6	ug/L
99-09-2	3-Nitroaniline	2.6	U	2.6	4.4	5.6	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	4.4	5.6	ug/L
Total PAH	Total PAH	34.3	U	34.3	4.4	89.6	ug/L
51-28-5	2,4-Dinitrophenol	6.1	U	6.1	8.9	11.1	ug/L
100-02-7	4-Nitrophenol	3.1	U	3.1	8.9	11.1	ug/L
132-64-9	Dibenzofuran	1.8	U	1.8	4.4	5.6	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6.1	U	5.1	4.4	11.2	ug/L
121-14-2	2,4-Dinitrotoluene	2.8	U	2.8	4.4	5.6	ug/L
84-66-2	Diethylphthalate	2.3	U	2.3	4.4	5.6	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.5	U	2.5	4.4	5.6	ug/L
86-73-7	Fluorene	2.3	U	2.3	4.4	5.6	ug/L
100-01-6	4-Nitroaniline	2.6	U	2.6	4.4	5.6	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2	U	2	8.9	11.1	ug/L
86-30-6	n-Nitrosodiphenylamine	2.2	U	2.2	4.4	5.6	ug/L
103-33-3	Azobenzene	1.8	U	1.8	4.4	5.6	ug/L
101-55-3	4-Bromophenyl-phenylether	2.2	U	2.2	4.4	5.6	ug/L
118-74-1	Hexachlorobenzene	2.1	U	2.1	4.4	5.6	ug/L
1912-24-9	Atrazine	3.9	U	3.9	4.4	5.6	ug/L
87-86-5	Pentachlorophenol	2.8	U	2.8	8.9	11.1	ug/L
85-01-8	Phenanthrene	2.2	U	2.2	4.4	5.6	ug/L
120-12-7	Anthracene	2.5	U	2.5	4.4	5.6	ug/L
86-74-8	Carbazole	1.9	U	1.9	4.4	5.6	ug/L
84-74-2	Di-n-butylphthalate	2.7	U	2.7	4.4	5.6	ug/L
206-44-0	Fluoranthene	2.3	U	2.3	4.4	5.6	ug/L

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:	FB020724GW	SDG No.:	BP021624
Lab Sample ID:	P1440-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	900 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
BP019747.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	7.3	U	7.3	8.9	11.1	ug/L
129-00-0	Pyrene	2.1	U	2.1	4.4	5.6	ug/L
85-68-7	Butylbenzylphthalate	3.1	U	3.1	4.4	5.6	ug/L
91-94-1	3,3-Dichlorobenzidine	6	U	6	8.9	11.1	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	4.4	5.6	ug/L
218-01-9	Chrysene	1.7	U	1.7	4.4	5.6	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.3	U	3.3	4.4	5.6	ug/L
117-84-0	Di-n-octyl phthalate	3.5	U	3.5	8.9	11.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.7	U	1.7	4.4	5.6	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	U	2.1	4.4	5.6	ug/L
50-32-8	Benzo(a)pyrene	3	U	3	4.4	5.6	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.3	U	2.3	4.4	5.6	ug/L
53-70-3	Dibenzo(a,h)anthracene	2.2	U	2.2	4.4	5.6	ug/L
191-24-2	Benzo(g,h,i)perylene	2.1	U	2.1	4.4	5.6	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.3	U	2.3	4.4	5.6	ug/L
123-91-1	1,4-Dioxane	2.7	U	2.7	4.4	5.6	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	4.4	5.6	ug/L
90-12-0	1-Methylnaphthalene	2.3	U	2.3	4.4	5.6	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	72.006		10-139		48	SPK: -150
13127-88-3	Phenol-d6	41.92		10-134		28	SPK: -150
4165-60-0	Nitrobenzene-d5	96.87		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	96.584		52-132		97	SPK: -100
118-79-6	2,4,6-Tribromophenol	215.822		32-145		144	SPK: -150
1718-51-0	Terphenyl-d14	110.242		36-145		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63002	7.899				
1146-65-2	Naphthalene-d8	224492	10.699				
15067-26-2	Acenaphthene-d10	155382	14.54				
1517-22-2	Phenanthrene-d10	401453	17.298				
1719-03-5	Chrysene-d12	428675	21.386				
1520-96-3	Perylene-d12	472923	23.81				



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

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:	FB020724GW	SDG No.:	BP021624
Lab Sample ID:	P1440-06	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	900	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
BP019747.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	4.4	J			18.192	
000112-80-1	Oleic Acid	9.3	J			19.316	

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:	SB-4(5-6)	SDG No.:	BP021624
Lab Sample ID:	P1394-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	30.01	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
BP019748.D	1	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	87.8	U	87.8	310	370	ug/Kg
110-86-1	Pyridine	82.2	U	82.2	150	190	ug/Kg
100-52-7	Benzaldehyde	170	U	170	310	370	ug/Kg
62-53-3	Aniline	130	U	130	150	190	ug/Kg
108-95-2	Phenol	84.5	U	84.5	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	190	ug/Kg
95-57-8	2-Chlorophenol	81.8	U	81.8	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.8	U	92.8	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	93.6	U	93.6	150	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	310	370	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	190	ug/Kg
98-86-2	Acetophenone	98.5	U	98.5	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	310	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	67	U	67	90.9	90.9	ug/Kg
67-72-1	Hexachloroethane	83.6	U	83.6	150	190	ug/Kg
98-95-3	Nitrobenzene	85.4	U	85.4	150	190	ug/Kg
78-59-1	Isophorone	77.4	U	77.4	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	88.7	U	88.7	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	88	U	88	150	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	310	370	ug/Kg
91-20-3	Naphthalene	92.5	U	92.5	150	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	95.4	U	95.4	150	190	ug/Kg
105-60-2	Caprolactam	130	U	130	310	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.7	U	93.7	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	190	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:	SB-4(5-6)	SDG No.:	BP021624
Lab Sample ID:	P1394-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BP019748.D	1	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	310	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.6	U	87.6	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99.9	U	99.9	150	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	96.1	U	96.1	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	190	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	150	190	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	190	ug/Kg
83-32-9	Acenaphthene	91.2	U	91.2	150	190	ug/Kg
Total PAH	Total PAH	1650.2	U	1650.2	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	310	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	370	ug/Kg
132-64-9	Dibenzofuran	87.4	U	87.4	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	150	380	ug/Kg
84-66-2	Diethylphthalate	97.6	U	97.6	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	190	ug/Kg
86-73-7	Fluorene	96.3	U	96.3	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99.7	U	99.7	310	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	190	ug/Kg
103-33-3	Azobenzene	83.5	U	83.5	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	190	ug/Kg
1912-24-9	Atrazine	110	U	110	150	190	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	310	370	ug/Kg
85-01-8	Phenanthrene	110	U	110	150	190	ug/Kg
120-12-7	Anthracene	120	U	120	150	190	ug/Kg
86-74-8	Carbazole	96.4	U	96.4	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	190	ug/Kg
206-44-0	Fluoranthene	110	U	110	150	190	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:	SB-4(5-6)	SDG No.:	BP021624
Lab Sample ID:	P1394-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	30.01	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
BP019748.D	1	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	220	U	220	310	370	ug/Kg
129-00-0	Pyrene	95.1	U	95.1	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	310	370	ug/Kg
56-55-3	Benzo(a)anthracene	95.3	U	95.3	150	190	ug/Kg
218-01-9	Chrysene	98.6	U	98.6	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	310	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	91.2	U	91.2	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	94.2	U	94.2	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	114.459		18-112		76	SPK: -150
13127-88-3	Phenol-d6	103.602		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	76.816		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	81.546		20-109		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	160.013		10-110		107	SPK: -150
1718-51-0	Terphenyl-d14	77.042		14-112		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65099	7.899				
1146-65-2	Naphthalene-d8	222226	10.698				
15067-26-2	Acenaphthene-d10	133515	14.539				
1517-22-2	Phenanthrene-d10	327186	17.298				
1719-03-5	Chrysene-d12	399808	21.386				
1520-96-3	Perylene-d12	472762	23.81				



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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:	SB-4(5-6)	SDG No.:	BP021624
Lab Sample ID:	P1394-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	30.01	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
BP019748.D	1	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	430	J			18.192	
000057-11-4	Octadecanoic acid	160	J			19.427	
016980-85-1	Pentacos-1-ene	200	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:	SB-5(13-14)	SDG No.:	BP021624
Lab Sample ID:	P1394-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
Sample Wt/Vol:	30.09 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
BP019749.D	1	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	89.4	U	89.4	310	380	ug/Kg
110-86-1	Pyridine	83.7	U	83.7	150	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	310	380	ug/Kg
62-53-3	Aniline	140	U	140	150	200	ug/Kg
108-95-2	Phenol	86.1	U	86.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	200	ug/Kg
95-57-8	2-Chlorophenol	83.3	U	83.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.5	U	94.5	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.3	U	95.3	150	200	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	310	380	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	120	U	120	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	68.2	U	68.2	92.5	92.5	ug/Kg
67-72-1	Hexachloroethane	85.1	U	85.1	150	200	ug/Kg
98-95-3	Nitrobenzene	87	U	87	150	200	ug/Kg
78-59-1	Isophorone	78.8	U	78.8	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	90.3	U	90.3	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.6	U	89.6	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	310	380	ug/Kg
91-20-3	Naphthalene	94.1	U	94.1	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.2	U	97.2	150	200	ug/Kg
105-60-2	Caprolactam	140	U	140	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.4	U	95.4	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	200	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:	SB-5(13-14)	SDG No.:	BP021624
Lab Sample ID:	P1394-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
Sample Wt/Vol:	30.09 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
BP019749.D	1	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.2	U	89.2	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	97.9	U	97.9	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	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	100	U	100	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	92.9	U	92.9	150	200	ug/Kg
Total PAH	Total PAH	1661.8	U	1661.8	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	88.9	U	88.9	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	150	200	ug/Kg
84-66-2	Diethylphthalate	99.4	U	99.4	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	98.1	U	98.1	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	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	200	ug/Kg
103-33-3	Azobenzene	85	U	85	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	200	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	310	380	ug/Kg
85-01-8	Phenanthrene	110	U	110	150	200	ug/Kg
120-12-7	Anthracene	120	U	120	150	200	ug/Kg
86-74-8	Carbazole	98.2	U	98.2	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	110	U	110	150	200	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:	SB-5(13-14)	SDG No.:	BP021624
Lab Sample ID:	P1394-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
Sample Wt/Vol:	30.09	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
BP019749.D	1	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	220	U	220	310	380	ug/Kg
129-00-0	Pyrene	96.8	U	96.8	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	97	U	97	150	200	ug/Kg
218-01-9	Chrysene	100	U	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	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	92.9	U	92.9	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	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	110	U	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	95.9	U	95.9	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.213		18-112		59	SPK: -150
13127-88-3	Phenol-d6	82.238		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	57.03		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	59.14		20-109		59	SPK: -100
118-79-6	2,4,6-Tribromophenol	125.29		10-110		84	SPK: -150
1718-51-0	Terphenyl-d14	60.829		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63531	7.899				
1146-65-2	Naphthalene-d8	227964	10.698				
15067-26-2	Acenaphthene-d10	146688	14.534				
1517-22-2	Phenanthrene-d10	373362	17.292				
1719-03-5	Chrysene-d12	425468	21.386				
1520-96-3	Perylene-d12	484341	23.81				



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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:	SB-5(13-14)	SDG No.:	BP021624
Lab Sample ID:	P1394-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
Sample Wt/Vol:	30.09	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
BP019749.D	1	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	380	J			18.192	
000057-11-4	Octadecanoic acid	120	J			19.427	
074685-30-6	5-Eicosene, (E)-	230	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:	SB-10(10-11)	SDG No.:	BP021624
Lab Sample ID:	P1414-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BP019750.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	89.6	U	89.6	310	380	ug/Kg
110-86-1	Pyridine	83.9	U	83.9	150	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	310	380	ug/Kg
62-53-3	Aniline	140	U	140	150	200	ug/Kg
108-95-2	Phenol	86.3	U	86.3	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	200	ug/Kg
95-57-8	2-Chlorophenol	83.5	U	83.5	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.7	U	94.7	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.5	U	95.5	150	200	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	310	380	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	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	68.4	U	68.4	92.8	92.8	ug/Kg
67-72-1	Hexachloroethane	85.3	U	85.3	150	200	ug/Kg
98-95-3	Nitrobenzene	87.2	U	87.2	150	200	ug/Kg
78-59-1	Isophorone	79	U	79	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	90.6	U	90.6	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.9	U	89.9	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	310	380	ug/Kg
91-20-3	Naphthalene	94.4	U	94.4	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.4	U	97.4	150	200	ug/Kg
105-60-2	Caprolactam	140	U	140	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.7	U	95.7	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	200	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:	SB-10(10-11)	SDG No.:	BP021624
Lab Sample ID:	P1414-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BP019750.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.4	U	89.4	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	98.1	U	98.1	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	100	U	100	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	93.1	U	93.1	150	200	ug/Kg
Total PAH	Total PAH	1663.3	U	1663.3	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	89.2	U	89.2	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)	220	U	220	150	400	ug/Kg
84-66-2	Diethylphthalate	99.6	U	99.6	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	98.3	U	98.3	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	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	200	ug/Kg
103-33-3	Azobenzene	85.2	U	85.2	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	200	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	310	380	ug/Kg
85-01-8	Phenanthrene	110	U	110	150	200	ug/Kg
120-12-7	Anthracene	120	U	120	150	200	ug/Kg
86-74-8	Carbazole	98.4	U	98.4	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	110	U	110	150	200	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:	SB-10(10-11)	SDG No.:	BP021624
Lab Sample ID:	P1414-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BP019750.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	220	U	220	310	380	ug/Kg
129-00-0	Pyrene	97.1	U	97.1	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	97.3	U	97.3	150	200	ug/Kg
218-01-9	Chrysene	100	U	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	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	93.1	U	93.1	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	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	110	U	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	96.1	U	96.1	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	135.115		18-112		90	SPK: -150
13127-88-3	Phenol-d6	126.907		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	87.656		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	86.831		20-109		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	191.052	*	10-110		127	SPK: -150
1718-51-0	Terphenyl-d14	93.023		14-112		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65620	7.899				
1146-65-2	Naphthalene-d8	238644	10.698				
15067-26-2	Acenaphthene-d10	161484	14.534				
1517-22-2	Phenanthrene-d10	409603	17.292				
1719-03-5	Chrysene-d12	440178	21.386				
1520-96-3	Perylene-d12	491630	23.81				



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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:	SB-10(10-11)	SDG No.:	BP021624
Lab Sample ID:	P1414-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
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
BP019750.D	1	2/12/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	610	J			18.192	
000057-11-4	Octadecanoic acid	380	J			19.427	
000661-19-8	Behenic alcohol	320	J			21.11	

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:	B-4(4-6)DL	SDG No.:	BP021624
Lab Sample ID:	P1395-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	30.03 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
BP019751.D	5	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	430	U	430	1500	1800	ug/Kg
110-86-1	Pyridine	400	U	400	720	940	ug/Kg
100-52-7	Benzaldehyde	820	U	820	1500	1800	ug/Kg
62-53-3	Aniline	650	U	650	720	940	ug/Kg
108-95-2	Phenol	410	U	410	720	940	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	500	U	500	720	940	ug/Kg
95-57-8	2-Chlorophenol	400	U	400	720	940	ug/Kg
95-50-1	1,2-Dichlorobenzene	450	U	450	720	940	ug/Kg
541-73-1	1,3-Dichlorobenzene	490	U	490	720	940	ug/Kg
106-46-7	1,4-Dichlorobenzene	450	U	450	720	940	ug/Kg
100-51-6	Benzyl Alcohol	550	U	550	1500	1800	ug/Kg
95-48-7	2-Methylphenol	630	U	630	720	940	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	580	U	580	720	940	ug/Kg
98-86-2	Acetophenone	480	U	480	720	940	ug/Kg
65794-96-9	3+4-Methylphenols	600	U	600	1500	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	330	U	330	440	440	ug/Kg
67-72-1	Hexachloroethane	410	U	410	720	940	ug/Kg
98-95-3	Nitrobenzene	420	U	420	720	940	ug/Kg
78-59-1	Isophorone	380	U	380	720	940	ug/Kg
88-75-5	2-Nitrophenol	520	U	520	720	940	ug/Kg
105-67-9	2,4-Dimethylphenol	550	U	550	720	940	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	620	U	620	720	940	ug/Kg
120-83-2	2,4-Dichlorophenol	430	U	430	720	940	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	430	U	430	720	940	ug/Kg
65-85-0	Benzoic acid	1200	U	1200	1500	1800	ug/Kg
91-20-3	Naphthalene	810	JD	450	720	940	ug/Kg
106-47-8	4-Chloroaniline	580	U	580	720	940	ug/Kg
87-68-3	Hexachlorobutadiene	460	U	460	720	940	ug/Kg
105-60-2	Caprolactam	650	U	650	1500	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	460	U	460	720	940	ug/Kg
91-57-6	2-Methylnaphthalene	520	U	520	720	940	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:	B-4(4-6)DL	SDG No.:	BP021624
Lab Sample ID:	P1395-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	30.03 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
BP019751.D	5	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1200	U	1200	1500	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	430	U	430	720	940	ug/Kg
95-95-4	2,4,5-Trichlorophenol	490	U	490	720	940	ug/Kg
92-52-4	1,1-Biphenyl	1200	D	500	720	940	ug/Kg
91-58-7	2-Chloronaphthalene	470	U	470	720	940	ug/Kg
88-74-4	2-Nitroaniline	550	U	550	720	940	ug/Kg
131-11-3	Dimethylphthalate	490	U	490	720	940	ug/Kg
208-96-8	Acenaphthylene	490	U	490	720	940	ug/Kg
606-20-2	2,6-Dinitrotoluene	500	U	500	720	940	ug/Kg
99-09-2	3-Nitroaniline	520	U	520	720	940	ug/Kg
83-32-9	Acenaphthene	440	U	440	720	940	ug/Kg
Total PAH	Total PAH	7920	U	7920	720	15040	ug/Kg
51-28-5	2,4-Dinitrophenol	990	U	990	1500	1800	ug/Kg
100-02-7	4-Nitrophenol	630	U	630	1500	1800	ug/Kg
132-64-9	Dibenzofuran	420	U	420	720	940	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1050	U	1050	720	1880	ug/Kg
121-14-2	2,4-Dinitrotoluene	550	U	550	720	940	ug/Kg
84-66-2	Diethylphthalate	470	U	470	720	940	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	500	U	500	720	940	ug/Kg
86-73-7	Fluorene	470	U	470	720	940	ug/Kg
100-01-6	4-Nitroaniline	570	U	570	720	940	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	480	U	480	1500	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	510	U	510	720	940	ug/Kg
103-33-3	Azobenzene	410	U	410	720	940	ug/Kg
101-55-3	4-Bromophenyl-phenylether	540	U	540	720	940	ug/Kg
118-74-1	Hexachlorobenzene	550	U	550	720	940	ug/Kg
1912-24-9	Atrazine	530	U	530	720	940	ug/Kg
87-86-5	Pentachlorophenol	610	U	610	1500	1800	ug/Kg
85-01-8	Phenanthrene	510	U	510	720	940	ug/Kg
120-12-7	Anthracene	560	U	560	720	940	ug/Kg
86-74-8	Carbazole	470	U	470	720	940	ug/Kg
84-74-2	Di-n-butylphthalate	570	U	570	720	940	ug/Kg
206-44-0	Fluoranthene	520	U	520	720	940	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:	B-4(4-6)DL	SDG No.:	BP021624
Lab Sample ID:	P1395-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	30.03 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
BP019751.D	5	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1100	U	1100	1500	1800	ug/Kg
129-00-0	Pyrene	460	U	460	720	940	ug/Kg
85-68-7	Butylbenzylphthalate	570	U	570	720	940	ug/Kg
91-94-1	3,3-Dichlorobenzidine	890	U	890	1500	1800	ug/Kg
56-55-3	Benzo(a)anthracene	460	U	460	720	940	ug/Kg
218-01-9	Chrysene	480	U	480	720	940	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	10900	D	630	720	940	ug/Kg
117-84-0	Di-n-octyl phthalate	680	U	680	1500	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	440	U	440	720	940	ug/Kg
207-08-9	Benzo(k)fluoranthene	490	U	490	720	940	ug/Kg
50-32-8	Benzo(a)pyrene	520	U	520	720	940	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	590	U	590	720	940	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	530	U	530	720	940	ug/Kg
191-24-2	Benzo(g,h,i)perylene	510	U	510	720	940	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	490	U	490	720	940	ug/Kg
123-91-1	1,4-Dioxane	650	U	650	720	940	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	460	U	460	720	940	ug/Kg
90-12-0	1-Methylnaphthalene	500	U	500	940	940	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.995		18-112		57	SPK: -150
13127-88-3	Phenol-d6	78.855		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	56.225		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	58.07		20-109		58	SPK: -100
118-79-6	2,4,6-Tribromophenol	109.655		10-110		73	SPK: -150
1718-51-0	Terphenyl-d14	62.805		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62074	7.899				
1146-65-2	Naphthalene-d8	221425	10.699				
15067-26-2	Acenaphthene-d10	145841	14.534				
1517-22-2	Phenanthrene-d10	338089	17.292				
1719-03-5	Chrysene-d12	383636	21.386				
1520-96-3	Perylene-d12	450878	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:	B-4(4-6)DL	SDG No.:	BP021624
Lab Sample ID:	P1395-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	30.03	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
BP019751.D	5	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

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:	B-2(4-6)DL2	SDG No.:	BP021624
Lab Sample ID:	P1395-03DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
Sample Wt/Vol:	5.1 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
BP019752.D	100	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	47600	U	47600	166300	203300	ug/Kg
110-86-1	Pyridine	44600	U	44600	80100	104700	ug/Kg
100-52-7	Benzaldehyde	91200	U	91200	166300	203300	ug/Kg
62-53-3	Aniline	72100	U	72100	80100	104700	ug/Kg
108-95-2	Phenol	913600	D	45800	80100	104700	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55300	U	55300	80100	104700	ug/Kg
95-57-8	2-Chlorophenol	44300	U	44300	80100	104700	ug/Kg
95-50-1	1,2-Dichlorobenzene	50300	U	50300	80100	104700	ug/Kg
541-73-1	1,3-Dichlorobenzene	54500	U	54500	80100	104700	ug/Kg
106-46-7	1,4-Dichlorobenzene	50800	U	50800	80100	104700	ug/Kg
100-51-6	Benzyl Alcohol	60900	U	60900	166300	203300	ug/Kg
95-48-7	2-Methylphenol	215000	D	70200	80100	104700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64700	U	64700	80100	104700	ug/Kg
98-86-2	Acetophenone	53400	U	53400	80100	104700	ug/Kg
65794-96-9	3+4-Methylphenols	158700	JD	66500	166300	203300	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	36300	U	36300	49300	49300	ug/Kg
67-72-1	Hexachloroethane	45300	U	45300	80100	104700	ug/Kg
98-95-3	Nitrobenzene	46300	U	46300	80100	104700	ug/Kg
78-59-1	Isophorone	41900	U	41900	80100	104700	ug/Kg
88-75-5	2-Nitrophenol	58600	U	58600	80100	104700	ug/Kg
105-67-9	2,4-Dimethylphenol	108400	D	61300	80100	104700	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	69000	U	69000	80100	104700	ug/Kg
120-83-2	2,4-Dichlorophenol	48100	U	48100	80100	104700	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	47700	U	47700	80100	104700	ug/Kg
65-85-0	Benzoic acid	131800	U	131800	166300	203300	ug/Kg
91-20-3	Naphthalene	50100	U	50100	80100	104700	ug/Kg
106-47-8	4-Chloroaniline	64700	U	64700	80100	104700	ug/Kg
87-68-3	Hexachlorobutadiene	51700	U	51700	80100	104700	ug/Kg
105-60-2	Caprolactam	72100	U	72100	166300	203300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50800	U	50800	80100	104700	ug/Kg
91-57-6	2-Methylnaphthalene	58500	U	58500	80100	104700	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:	B-2(4-6)DL2	SDG No.:	BP021624
Lab Sample ID:	P1395-03DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
Sample Wt/Vol:	5.1 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
BP019752.D	100	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	129400	U	129400	166300	203300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47500	U	47500	80100	104700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54100	U	54100	80100	104700	ug/Kg
92-52-4	1,1-Biphenyl	82600	JD	56200	80100	104700	ug/Kg
91-58-7	2-Chloronaphthalene	52100	U	52100	80100	104700	ug/Kg
88-74-4	2-Nitroaniline	61200	U	61200	80100	104700	ug/Kg
131-11-3	Dimethylphthalate	54800	U	54800	80100	104700	ug/Kg
208-96-8	Acenaphthylene	54500	U	54500	80100	104700	ug/Kg
606-20-2	2,6-Dinitrotoluene	55400	U	55400	80100	104700	ug/Kg
99-09-2	3-Nitroaniline	57500	U	57500	80100	104700	ug/Kg
83-32-9	Acenaphthene	49500	U	49500	80100	104700	ug/Kg
Total PAH	Total PAH	885300	U	885300	80100	1.6752e+006	ug/Kg
51-28-5	2,4-Dinitrophenol	110900	U	110900	166300	203300	ug/Kg
100-02-7	4-Nitrophenol	70200	U	70200	166300	203300	ug/Kg
132-64-9	Dibenzofuran	47400	U	47400	80100	104700	ug/Kg
121-14-2	2,4-Dinitrotoluene	61500	U	61500	80100	104700	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16900	U	116900	80100	209400	ug/Kg
84-66-2	Diethylphthalate	52900	U	52900	80100	104700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55700	U	55700	80100	104700	ug/Kg
86-73-7	Fluorene	52200	U	52200	80100	104700	ug/Kg
100-01-6	4-Nitroaniline	64100	U	64100	80100	104700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	54100	U	54100	166300	203300	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57500	U	57500	80100	104700	ug/Kg
103-33-3	Azobenzene	45300	U	45300	80100	104700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	60000	U	60000	80100	104700	ug/Kg
118-74-1	Hexachlorobenzene	60900	U	60900	80100	104700	ug/Kg
1912-24-9	Atrazine	58800	U	58800	80100	104700	ug/Kg
87-86-5	Pentachlorophenol	68400	U	68400	166300	203300	ug/Kg
85-01-8	Phenanthrene	57100	U	57100	80100	104700	ug/Kg
120-12-7	Anthracene	62800	U	62800	80100	104700	ug/Kg
86-74-8	Carbazole	52300	U	52300	80100	104700	ug/Kg
84-74-2	Di-n-butylphthalate	100600	JD	64100	80100	104700	ug/Kg
206-44-0	Fluoranthene	58100	U	58100	80100	104700	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:	B-2(4-6)DL2	SDG No.:	BP021624
Lab Sample ID:	P1395-03DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
Sample Wt/Vol:	5.1 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
BP019752.D	100	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	118900	U	118900	166300	203300	ug/Kg
129-00-0	Pyrene	51600	U	51600	80100	104700	ug/Kg
85-68-7	Butylbenzylphthalate	63400	U	63400	80100	104700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	99200	U	99200	166300	203300	ug/Kg
56-55-3	Benzo(a)anthracene	51700	U	51700	80100	104700	ug/Kg
218-01-9	Chrysene	53500	U	53500	80100	104700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	588500	D	70800	80100	104700	ug/Kg
117-84-0	Di-n-octyl phthalate	75800	U	75800	166300	203300	ug/Kg
205-99-2	Benzo(b)fluoranthene	49500	U	49500	80100	104700	ug/Kg
207-08-9	Benzo(k)fluoranthene	54300	U	54300	80100	104700	ug/Kg
50-32-8	Benzo(a)pyrene	58100	U	58100	80100	104700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	65900	U	65900	80100	104700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59400	U	59400	80100	104700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57000	U	57000	80100	104700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55100	U	55100	80100	104700	ug/Kg
123-91-1	1,4-Dioxane	72100	U	72100	80100	104700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51100	U	51100	80100	104700	ug/Kg
90-12-0	1-Methylnaphthalene	55600	U	55600	104700	104700	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.9		18-112		60	SPK: -150
13127-88-3	Phenol-d6	83		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	52.3		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	60		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	99.2		10-110		66	SPK: -150
1718-51-0	Terphenyl-d14	68.9		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59769	7.899				
1146-65-2	Naphthalene-d8	209103	10.698				
15067-26-2	Acenaphthene-d10	136084	14.534				
1517-22-2	Phenanthrene-d10	332575	17.292				
1719-03-5	Chrysene-d12	400616	21.386				
1520-96-3	Perylene-d12	464728	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:	B-2(4-6)DL2	SDG No.:	BP021624
Lab Sample ID:	P1395-03DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.5
Sample Wt/Vol:	5.1	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
BP019752.D	100	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

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:	B-2(6-8)DL2	SDG No.:	BP021624
Lab Sample ID:	P1395-04DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
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
BP019753.D	20	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1900	U	1900	6600	8000	ug/Kg
110-86-1	Pyridine	1800	U	1800	3200	4100	ug/Kg
100-52-7	Benzaldehyde	3600	U	3600	6600	8000	ug/Kg
62-53-3	Aniline	2900	U	2900	3200	4100	ug/Kg
108-95-2	Phenol	23100	D	1800	3200	4100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2200	U	2200	3200	4100	ug/Kg
95-57-8	2-Chlorophenol	1800	U	1800	3200	4100	ug/Kg
95-50-1	1,2-Dichlorobenzene	2000	U	2000	3200	4100	ug/Kg
541-73-1	1,3-Dichlorobenzene	2200	U	2200	3200	4100	ug/Kg
106-46-7	1,4-Dichlorobenzene	2300	JD	2000	3200	4100	ug/Kg
100-51-6	Benzyl Alcohol	2400	U	2400	6600	8000	ug/Kg
95-48-7	2-Methylphenol	11200	D	2800	3200	4100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2600	U	2600	3200	4100	ug/Kg
98-86-2	Acetophenone	2100	U	2100	3200	4100	ug/Kg
65794-96-9	3+4-Methylphenols	11900	D	2600	6600	8000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400	U	1400	1900	1900	ug/Kg
67-72-1	Hexachloroethane	1800	U	1800	3200	4100	ug/Kg
98-95-3	Nitrobenzene	1800	U	1800	3200	4100	ug/Kg
78-59-1	Isophorone	1700	U	1700	3200	4100	ug/Kg
88-75-5	2-Nitrophenol	2300	U	2300	3200	4100	ug/Kg
105-67-9	2,4-Dimethylphenol	13600	D	2400	3200	4100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2700	U	2700	3200	4100	ug/Kg
120-83-2	2,4-Dichlorophenol	1900	U	1900	3200	4100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900	U	1900	3200	4100	ug/Kg
65-85-0	Benzoic acid	5200	U	5200	6600	8000	ug/Kg
91-20-3	Naphthalene	2000	U	2000	3200	4100	ug/Kg
106-47-8	4-Chloroaniline	2600	U	2600	3200	4100	ug/Kg
87-68-3	Hexachlorobutadiene	2000	U	2000	3200	4100	ug/Kg
105-60-2	Caprolactam	2900	U	2900	6600	8000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2000	U	2000	3200	4100	ug/Kg
91-57-6	2-Methylnaphthalene	2300	U	2300	3200	4100	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:	B-2(6-8)DL2	SDG No.:	BP021624
Lab Sample ID:	P1395-04DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
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
BP019753.D	20	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5100	U	5100	6600	8000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900	U	1900	3200	4100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100	U	2100	3200	4100	ug/Kg
92-52-4	1,1-Biphenyl	5800	D	2200	3200	4100	ug/Kg
91-58-7	2-Chloronaphthalene	2100	U	2100	3200	4100	ug/Kg
88-74-4	2-Nitroaniline	2400	U	2400	3200	4100	ug/Kg
131-11-3	Dimethylphthalate	2200	U	2200	3200	4100	ug/Kg
208-96-8	Acenaphthylene	2200	U	2200	3200	4100	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200	U	2200	3200	4100	ug/Kg
99-09-2	3-Nitroaniline	2300	U	2300	3200	4100	ug/Kg
83-32-9	Acenaphthene	2000	U	2000	3200	4100	ug/Kg
Total PAH	Total PAH	35200	U	35200	3200	65600	ug/Kg
51-28-5	2,4-Dinitrophenol	4400	U	4400	6600	8000	ug/Kg
100-02-7	4-Nitrophenol	2800	U	2800	6600	8000	ug/Kg
132-64-9	Dibenzofuran	1900	U	1900	3200	4100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4600	U	4600	3200	8200	ug/Kg
121-14-2	2,4-Dinitrotoluene	2400	U	2400	3200	4100	ug/Kg
84-66-2	Diethylphthalate	2100	U	2100	3200	4100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2200	U	2200	3200	4100	ug/Kg
86-73-7	Fluorene	2100	U	2100	3200	4100	ug/Kg
100-01-6	4-Nitroaniline	2500	U	2500	3200	4100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100	U	2100	6600	8000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2300	U	2300	3200	4100	ug/Kg
103-33-3	Azobenzene	1800	U	1800	3200	4100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2400	U	2400	3200	4100	ug/Kg
118-74-1	Hexachlorobenzene	2400	U	2400	3200	4100	ug/Kg
1912-24-9	Atrazine	2300	U	2300	3200	4100	ug/Kg
87-86-5	Pentachlorophenol	2700	U	2700	6600	8000	ug/Kg
85-01-8	Phenanthrene	2300	U	2300	3200	4100	ug/Kg
120-12-7	Anthracene	2500	U	2500	3200	4100	ug/Kg
86-74-8	Carbazole	2100	U	2100	3200	4100	ug/Kg
84-74-2	Di-n-butylphthalate	7200	D	2500	3200	4100	ug/Kg
206-44-0	Fluoranthene	2300	U	2300	3200	4100	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:	B-2(6-8)DL2	SDG No.:	BP021624
Lab Sample ID:	P1395-04DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
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
BP019753.D	20	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	4700	U	4700	6600	8000	ug/Kg
129-00-0	Pyrene	2000	U	2000	3200	4100	ug/Kg
85-68-7	Butylbenzylphthalate	2500	U	2500	3200	4100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3900	U	3900	6600	8000	ug/Kg
56-55-3	Benzo(a)anthracene	2000	U	2000	3200	4100	ug/Kg
218-01-9	Chrysene	2100	U	2100	3200	4100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	35900	D	2800	3200	4100	ug/Kg
117-84-0	Di-n-octyl phthalate	3000	U	3000	6600	8000	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000	U	2000	3200	4100	ug/Kg
207-08-9	Benzo(k)fluoranthene	2100	U	2100	3200	4100	ug/Kg
50-32-8	Benzo(a)pyrene	2300	U	2300	3200	4100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2600	U	2600	3200	4100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2400	U	2400	3200	4100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2300	U	2300	3200	4100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200	U	2200	3200	4100	ug/Kg
123-91-1	1,4-Dioxane	2900	U	2900	3200	4100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000	U	2000	3200	4100	ug/Kg
90-12-0	1-Methylnaphthalene	2200	U	2200	4100	4100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	50.28		18-112		34	SPK: -150
13127-88-3	Phenol-d6	51.02		15-107		34	SPK: -150
4165-60-0	Nitrobenzene-d5	33.32		18-107		33	SPK: -100
321-60-8	2-Fluorobiphenyl	32.28		20-109		32	SPK: -100
118-79-6	2,4,6-Tribromophenol	65.94		10-110		44	SPK: -150
1718-51-0	Terphenyl-d14	37.54		14-112		38	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61306	7.899				
1146-65-2	Naphthalene-d8	236905	10.699				
15067-26-2	Acenaphthene-d10	170984	14.534				
1517-22-2	Phenanthrene-d10	413138	17.292				
1719-03-5	Chrysene-d12	458261	21.386				
1520-96-3	Perylene-d12	524340	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:	B-2(6-8)DL2	SDG No.:	BP021624
Lab Sample ID:	P1395-04DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
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
BP019753.D	20	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

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:	B-3(10-12)DL2	SDG No.:	BP021624
Lab Sample ID:	P1395-02DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.07 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
BP019754.D	50	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4700	U	4700	16300	19900	ug/Kg
110-86-1	Pyridine	4400	U	4400	7900	10300	ug/Kg
100-52-7	Benzaldehyde	8900	U	8900	16300	19900	ug/Kg
62-53-3	Aniline	28300	D	7100	7900	10300	ug/Kg
108-95-2	Phenol	95300	D	4500	7900	10300	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5400	U	5400	7900	10300	ug/Kg
95-57-8	2-Chlorophenol	4300	U	4300	7900	10300	ug/Kg
95-50-1	1,2-Dichlorobenzene	4900	U	4900	7900	10300	ug/Kg
541-73-1	1,3-Dichlorobenzene	5300	U	5300	7900	10300	ug/Kg
106-46-7	1,4-Dichlorobenzene	5000	U	5000	7900	10300	ug/Kg
100-51-6	Benzyl Alcohol	6000	U	6000	16300	19900	ug/Kg
95-48-7	2-Methylphenol	6900	U	6900	7900	10300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	6300	U	6300	7900	10300	ug/Kg
98-86-2	Acetophenone	5200	U	5200	7900	10300	ug/Kg
65794-96-9	3+4-Methylphenols	11500	JD	6500	16300	19900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3600	U	3600	4800	4800	ug/Kg
67-72-1	Hexachloroethane	4400	U	4400	7900	10300	ug/Kg
98-95-3	Nitrobenzene	4500	U	4500	7900	10300	ug/Kg
78-59-1	Isophorone	4100	U	4100	7900	10300	ug/Kg
88-75-5	2-Nitrophenol	5700	U	5700	7900	10300	ug/Kg
105-67-9	2,4-Dimethylphenol	8600	JD	6000	7900	10300	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	6800	U	6800	7900	10300	ug/Kg
120-83-2	2,4-Dichlorophenol	4700	U	4700	7900	10300	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4700	U	4700	7900	10300	ug/Kg
65-85-0	Benzoic acid	12900	U	12900	16300	19900	ug/Kg
91-20-3	Naphthalene	4900	U	4900	7900	10300	ug/Kg
106-47-8	4-Chloroaniline	6300	U	6300	7900	10300	ug/Kg
87-68-3	Hexachlorobutadiene	5100	U	5100	7900	10300	ug/Kg
105-60-2	Caprolactam	7100	U	7100	16300	19900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	5000	U	5000	7900	10300	ug/Kg
91-57-6	2-Methylnaphthalene	5700	U	5700	7900	10300	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:	B-3(10-12)DL2	SDG No.:	BP021624
Lab Sample ID:	P1395-02DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.07 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
BP019754.D	50	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	12700	U	12700	16300	19900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4700	U	4700	7900	10300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5300	U	5300	7900	10300	ug/Kg
92-52-4	1,1-Biphenyl	5500	U	5500	7900	10300	ug/Kg
91-58-7	2-Chloronaphthalene	5100	U	5100	7900	10300	ug/Kg
88-74-4	2-Nitroaniline	6000	U	6000	7900	10300	ug/Kg
131-11-3	Dimethylphthalate	5400	U	5400	7900	10300	ug/Kg
208-96-8	Acenaphthylene	5300	U	5300	7900	10300	ug/Kg
606-20-2	2,6-Dinitrotoluene	5400	U	5400	7900	10300	ug/Kg
99-09-2	3-Nitroaniline	5600	U	5600	7900	10300	ug/Kg
83-32-9	Acenaphthene	4800	U	4800	7900	10300	ug/Kg
Total PAH	Total PAH	86700	U	86700	7900	164800	ug/Kg
51-28-5	2,4-Dinitrophenol	10900	U	10900	16300	19900	ug/Kg
100-02-7	4-Nitrophenol	6900	U	6900	16300	19900	ug/Kg
132-64-9	Dibenzofuran	4600	U	4600	7900	10300	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1400	U	11400	7900	20600	ug/Kg
121-14-2	2,4-Dinitrotoluene	6000	U	6000	7900	10300	ug/Kg
84-66-2	Diethylphthalate	5200	U	5200	7900	10300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	5500	U	5500	7900	10300	ug/Kg
86-73-7	Fluorene	5100	U	5100	7900	10300	ug/Kg
100-01-6	4-Nitroaniline	6300	U	6300	7900	10300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5300	U	5300	16300	19900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	5600	U	5600	7900	10300	ug/Kg
103-33-3	Azobenzene	4400	U	4400	7900	10300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	5900	U	5900	7900	10300	ug/Kg
118-74-1	Hexachlorobenzene	6000	U	6000	7900	10300	ug/Kg
1912-24-9	Atrazine	5800	U	5800	7900	10300	ug/Kg
87-86-5	Pentachlorophenol	6700	U	6700	16300	19900	ug/Kg
85-01-8	Phenanthrene	5600	U	5600	7900	10300	ug/Kg
120-12-7	Anthracene	6200	U	6200	7900	10300	ug/Kg
86-74-8	Carbazole	5100	U	5100	7900	10300	ug/Kg
84-74-2	Di-n-butylphthalate	15100	D	6300	7900	10300	ug/Kg
206-44-0	Fluoranthene	5700	U	5700	7900	10300	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:	B-3(10-12)DL2	SDG No.:	BP021624
Lab Sample ID:	P1395-02DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.07 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
BP019754.D	50	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	11700	U	11700	16300	19900	ug/Kg
129-00-0	Pyrene	5100	U	5100	7900	10300	ug/Kg
85-68-7	Butylbenzylphthalate	6200	U	6200	7900	10300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	9700	U	9700	16300	19900	ug/Kg
56-55-3	Benzo(a)anthracene	5100	U	5100	7900	10300	ug/Kg
218-01-9	Chrysene	5200	U	5200	7900	10300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	26500	D	6900	7900	10300	ug/Kg
117-84-0	Di-n-octyl phthalate	7400	U	7400	16300	19900	ug/Kg
205-99-2	Benzo(b)fluoranthene	4800	U	4800	7900	10300	ug/Kg
207-08-9	Benzo(k)fluoranthene	5300	U	5300	7900	10300	ug/Kg
50-32-8	Benzo(a)pyrene	5700	U	5700	7900	10300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	6500	U	6500	7900	10300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5800	U	5800	7900	10300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5600	U	5600	7900	10300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	5400	U	5400	7900	10300	ug/Kg
123-91-1	1,4-Dioxane	7100	U	7100	7900	10300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5000	U	5000	7900	10300	ug/Kg
90-12-0	1-Methylnaphthalene	5400	U	5400	10300	10300	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.65		18-112		68	SPK: -150
13127-88-3	Phenol-d6	95.65		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	59.7		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	67.85		20-109		68	SPK: -100
118-79-6	2,4,6-Tribromophenol	132.3		10-110		88	SPK: -150
1718-51-0	Terphenyl-d14	71.15		14-112		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65310	7.899				
1146-65-2	Naphthalene-d8	235071	10.699				
15067-26-2	Acenaphthene-d10	160731	14.534				
1517-22-2	Phenanthrene-d10	394543	17.292				
1719-03-5	Chrysene-d12	422840	21.386				
1520-96-3	Perylene-d12	469387	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:	B-3(10-12)DL2	SDG No.:	BP021624
Lab Sample ID:	P1395-02DL2	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.07	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
BP019754.D	50	2/9/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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:	EB-3-0-2	SDG No.:	BP021624
Lab Sample ID:	P1141-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.09	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
BP019755.D	1	2/5/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	88.2	U	88.2	310	380	ug/Kg
110-86-1	Pyridine	82.6	U	82.6	150	190	ug/Kg
100-52-7	Benzaldehyde	170	U	170	310	380	ug/Kg
62-53-3	Aniline	130	U	130	150	190	ug/Kg
108-95-2	Phenol	84.9	U	84.9	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	190	ug/Kg
95-57-8	2-Chlorophenol	82.1	U	82.1	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.2	U	93.2	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	94	U	94	150	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	310	380	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	190	ug/Kg
98-86-2	Acetophenone	98.9	U	98.9	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	67.3	U	67.3	91.3	91.3	ug/Kg
67-72-1	Hexachloroethane	84	U	84	150	190	ug/Kg
98-95-3	Nitrobenzene	85.8	U	85.8	150	190	ug/Kg
78-59-1	Isophorone	77.7	U	77.7	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	89.1	U	89.1	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	88.4	U	88.4	150	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	310	380	ug/Kg
91-20-3	Naphthalene	92.9	U	92.9	150	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	95.8	U	95.8	150	190	ug/Kg
105-60-2	Caprolactam	130	U	130	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94.1	U	94.1	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	190	ug/Kg

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:	EB-3-0-2	SDG No.:	BP021624
Lab Sample ID:	P1141-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.09	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
BP019755.D	1	2/5/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88	U	88	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	150	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	96.5	U	96.5	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	190	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	150	190	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	190	ug/Kg
83-32-9	Acenaphthene	91.6	U	91.6	150	190	ug/Kg
Total PAH	Total PAH	1653	U	1653	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	87.7	U	87.7	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	150	190	ug/Kg
84-66-2	Diethylphthalate	98	U	98	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	190	ug/Kg
86-73-7	Fluorene	96.7	U	96.7	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	190	ug/Kg
103-33-3	Azobenzene	83.8	U	83.8	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	190	ug/Kg
1912-24-9	Atrazine	110	U	110	150	190	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	310	380	ug/Kg
85-01-8	Phenanthrene	140	J	110	150	190	ug/Kg
120-12-7	Anthracene	120	U	120	150	190	ug/Kg
86-74-8	Carbazole	96.8	U	96.8	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	190	ug/Kg
206-44-0	Fluoranthene	230		110	150	190	ug/Kg

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:	EB-3-0-2	SDG No.:	BP021624
Lab Sample ID:	P1141-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.09	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
BP019755.D	1	2/5/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	220	U	220	310	380	ug/Kg
129-00-0	Pyrene	190		95.5	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	95.7	150	190	ug/Kg
218-01-9	Chrysene	100	J	99	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	91.6	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	94.6	U	94.6	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.983		18-112		48	SPK: -150
13127-88-3	Phenol-d6	70.966		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	49.759		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	49.922		20-109		50	SPK: -100
118-79-6	2,4,6-Tribromophenol	82.226		10-110		55	SPK: -150
1718-51-0	Terphenyl-d14	50.464		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68490	7.899				
1146-65-2	Naphthalene-d8	248757	10.699				
15067-26-2	Acenaphthene-d10	157330	14.534				
1517-22-2	Phenanthrene-d10	398153	17.292				
1719-03-5	Chrysene-d12	439275	21.386				
1520-96-3	Perylene-d12	502359	23.804				



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:	EB-3-0-2	SDG No.:	BP021624
Lab Sample ID:	P1141-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.09	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
BP019755.D	1	2/5/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB158822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	220	J			18.186	
959261-23-5	Heptafluorobutyric acid, pentadecy	150	J			21.104	

Report of Analysis

Client:		Date Collected:	2/14/2024 12:00:00 AM
Project:		Date Received:	2/14/2024 12:00:00 AM
Client Sample ID:	TR-04-021424	SDG No.:	BP021624
Lab Sample ID:	P1472-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BP019756.D	5	2/15/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB159037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	260	U	260	930	1100	ug/Kg
110-86-1	Pyridine	250	U	250	450	580	ug/Kg
100-52-7	Benzaldehyde	510	U	510	930	1100	ug/Kg
62-53-3	Aniline	400	U	400	450	580	ug/Kg
108-95-2	Phenol	250	U	250	450	580	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	310	U	310	450	580	ug/Kg
95-57-8	2-Chlorophenol	250	U	250	450	580	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	450	580	ug/Kg
541-73-1	1,3-Dichlorobenzene	300	U	300	450	580	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	450	580	ug/Kg
100-51-6	Benzyl Alcohol	340	U	340	930	1100	ug/Kg
95-48-7	2-Methylphenol	390	U	390	450	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	360	U	360	450	580	ug/Kg
98-86-2	Acetophenone	300	U	300	450	580	ug/Kg
65794-96-9	3+4-Methylphenols	370	U	370	930	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	200	U	200	270	270	ug/Kg
67-72-1	Hexachloroethane	250	U	250	450	580	ug/Kg
98-95-3	Nitrobenzene	260	U	260	450	580	ug/Kg
78-59-1	Isophorone	230	U	230	450	580	ug/Kg
88-75-5	2-Nitrophenol	330	U	330	450	580	ug/Kg
105-67-9	2,4-Dimethylphenol	340	U	340	450	580	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	380	U	380	450	580	ug/Kg
120-83-2	2,4-Dichlorophenol	270	U	270	450	580	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	450	580	ug/Kg
65-85-0	Benzoic acid	730	U	730	930	1100	ug/Kg
91-20-3	Naphthalene	280	U	280	450	580	ug/Kg
106-47-8	4-Chloroaniline	360	U	360	450	580	ug/Kg
87-68-3	Hexachlorobutadiene	290	U	290	450	580	ug/Kg
105-60-2	Caprolactam	400	U	400	930	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	280	U	280	450	580	ug/Kg
91-57-6	2-Methylnaphthalene	330	U	330	450	580	ug/Kg

Report of Analysis

Client:		Date Collected:	2/14/2024 12:00:00 AM
Project:		Date Received:	2/14/2024 12:00:00 AM
Client Sample ID:	TR-04-021424	SDG No.:	BP021624
Lab Sample ID:	P1472-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BP019756.D	5	2/15/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB159037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	720	U	720	930	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	260	U	260	450	580	ug/Kg
95-95-4	2,4,5-Trichlorophenol	300	U	300	450	580	ug/Kg
92-52-4	1,1-Biphenyl	310	U	310	450	580	ug/Kg
91-58-7	2-Chloronaphthalene	290	U	290	450	580	ug/Kg
88-74-4	2-Nitroaniline	340	U	340	450	580	ug/Kg
131-11-3	Dimethylphthalate	300	U	300	450	580	ug/Kg
208-96-8	Acenaphthylene	300	U	300	450	580	ug/Kg
606-20-2	2,6-Dinitrotoluene	310	U	310	450	580	ug/Kg
99-09-2	3-Nitroaniline	320	U	320	450	580	ug/Kg
83-32-9	Acenaphthene	280	U	280	450	580	ug/Kg
Total PAH	Total PAH	4940	U	4940	450	9280	ug/Kg
51-28-5	2,4-Dinitrophenol	620	U	620	930	1100	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	930	1100	ug/Kg
132-64-9	Dibenzofuran	260	U	260	450	580	ug/Kg
121-14-2	2,4-Dinitrotoluene	340	U	340	450	580	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	650	U	650	450	1160	ug/Kg
84-66-2	Diethylphthalate	290	U	290	450	580	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	310	U	310	450	580	ug/Kg
86-73-7	Fluorene	290	U	290	450	580	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	450	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	300	U	300	930	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	320	U	320	450	580	ug/Kg
103-33-3	Azobenzene	250	U	250	450	580	ug/Kg
101-55-3	4-Bromophenyl-phenylether	330	U	330	450	580	ug/Kg
118-74-1	Hexachlorobenzene	340	U	340	450	580	ug/Kg
1912-24-9	Atrazine	330	U	330	450	580	ug/Kg
87-86-5	Pentachlorophenol	380	U	380	930	1100	ug/Kg
85-01-8	Phenanthrene	320	U	320	450	580	ug/Kg
120-12-7	Anthracene	350	U	350	450	580	ug/Kg
86-74-8	Carbazole	290	U	290	450	580	ug/Kg
84-74-2	Di-n-butylphthalate	360	U	360	450	580	ug/Kg
206-44-0	Fluoranthene	610		320	450	580	ug/Kg

Report of Analysis

Client:		Date Collected:	2/14/2024 12:00:00 AM
Project:		Date Received:	2/14/2024 12:00:00 AM
Client Sample ID:	TR-04-021424	SDG No.:	BP021624
Lab Sample ID:	P1472-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BP019756.D	5	2/15/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB159037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	660	U	660	930	1100	ug/Kg
129-00-0	Pyrene	620		290	450	580	ug/Kg
85-68-7	Butylbenzylphthalate	350	U	350	450	580	ug/Kg
91-94-1	3,3-Dichlorobenzidine	550	U	550	930	1100	ug/Kg
56-55-3	Benzo(a)anthracene	370	J	290	450	580	ug/Kg
218-01-9	Chrysene	370	J	300	450	580	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	390	450	580	ug/Kg
117-84-0	Di-n-octyl phthalate	420	U	420	930	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	400	J	280	450	580	ug/Kg
207-08-9	Benzo(k)fluoranthene	300	U	300	450	580	ug/Kg
50-32-8	Benzo(a)pyrene	360	J	320	450	580	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370	U	370	450	580	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	330	U	330	450	580	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320	U	320	450	580	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	310	450	580	ug/Kg
123-91-1	1,4-Dioxane	400	U	400	450	580	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	280	U	280	450	580	ug/Kg
90-12-0	1-Methylnaphthalene	310	U	310	580	580	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	64.895		18-112		43	SPK: -150
13127-88-3	Phenol-d6	59.185		15-107		39	SPK: -150
4165-60-0	Nitrobenzene-d5	40.395		18-107		40	SPK: -100
321-60-8	2-Fluorobiphenyl	41.18		20-109		41	SPK: -100
118-79-6	2,4,6-Tribromophenol	80.58		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	45.635		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77113	7.899				
1146-65-2	Naphthalene-d8	286307	10.698				
15067-26-2	Acenaphthene-d10	199235	14.534				
1517-22-2	Phenanthrene-d10	456189	17.292				
1719-03-5	Chrysene-d12	455138	21.386				
1520-96-3	Perylene-d12	519989	23.81				

Report of Analysis

Client:		Date Collected:	2/14/2024 12:00:00 AM
Project:		Date Received:	2/14/2024 12:00:00 AM
Client Sample ID:	TR-04-021424	SDG No.:	BP021624
Lab Sample ID:	P1472-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BP019756.D	5	2/15/2024 12:00:00 AM	2/16/2024 12:00:00 AM	PB159037

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000629-59-4	Tetradecane	690	J			12.116	
000544-76-3	Hexadecane	620	J			13.363	
055282-17-2	Tetracosane, 3-ethyl-	340	J			14.016	
000629-62-9	Pentadecane	810	J			14.439	
000630-02-4	Octacosane	810	J			15.392	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	370	J			15.798	
000629-94-7	Heneicosane	1100	J			16.257	
000629-78-7	Heptadecane	640	J			17.057	
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	390	J			17.104	
000629-92-5	Nonadecane	590	J			17.798	
000112-39-0	Hexadecanoic acid, methyl ester	4800	J			17.974	
000057-10-3	n-Hexadecanoic acid	680	J			18.192	
054833-23-7	Eicosane, 10-methyl-	650	J			18.474	
013038-47-6	9,11-Octadecadienoic acid, methyl	22900	J			19.086	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	13800	J			19.116	
000112-61-8	Methyl stearate	2200	J			19.239	

Hit Summary Sheet

SW-846

SDG No.: BP021624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EB-3-0-2								
P1141-01	EB-3-0-2	Solid	Heptafluorobutyric acid, pentadec	*	150.000	J		
P1141-01	EB-3-0-2	Solid	n-Hexadecanoic acid	*	220.000	J		
Total Tics :					370.00			
P1141-01	EB-3-0-2	Solid	Benzo(a)anthracene		100.000	J 95.7	190	ug/Kg
P1141-01	EB-3-0-2	Solid	Benzo(b)fluoranthene		120.000	J 91.6	190	ug/Kg
P1141-01	EB-3-0-2	Solid	Chrysene		100.000	J 99	190	ug/Kg
P1141-01	EB-3-0-2	Solid	Fluoranthene		230.000	110	190	ug/Kg
P1141-01	EB-3-0-2	Solid	Phenanthrene		140.000	J 110	190	ug/Kg
P1141-01	EB-3-0-2	Solid	Pyrene		190.000	95.5	190	ug/Kg
Total Svoc :					880.00			
Total Concentration:					1,250.00			
Client ID : SB-4(5-6)								
P1394-04	SB-4(5-6)	Solid	n-Hexadecanoic acid	*	430.000	J		
P1394-04	SB-4(5-6)	Solid	Octadecanoic acid	*	160.000	J		
P1394-04	SB-4(5-6)	Solid	Pentacos-1-ene	*	200.000	J		
Total Tics :					790.00			
Total Concentration:					790.00			
Client ID : SB-5(13-14)								
P1394-06	SB-5(13-14)	Solid	5-Eicosene, (E)-	*	230.000	J		
P1394-06	SB-5(13-14)	Solid	n-Hexadecanoic acid	*	380.000	J		
P1394-06	SB-5(13-14)	Solid	Octadecanoic acid	*	120.000	J		
Total Tics :					730.00			
Total Concentration:					730.00			
Client ID : B-4(4-6)DL								
P1395-01DL	B-4(4-6)DL	Solid	1,1-Biphenyl		1,200.000	D 500	940	ug/Kg
P1395-01DL	B-4(4-6)DL	Solid	Bis(2-ethylhexyl)phthalate		10,900.000	D 630	940	ug/Kg
P1395-01DL	B-4(4-6)DL	Solid	Naphthalene		810.000	JD 450	940	ug/Kg
Total Svoc :					12,910.00			
Total Concentration:					12,910.00			
Client ID : B-3(10-12)DL2								
P1395-02DL2	B-3(10-12)DL2	Solid	2,4-Dimethylphenol		8,600.000	JD 6000	10300	ug/Kg
P1395-02DL2	B-3(10-12)DL2	Solid	3+4-Methylphenols		11,500.000	JD 6500	19900	ug/Kg
P1395-02DL2	B-3(10-12)DL2	Solid	Aniline		28,300.000	D 7100	10300	ug/Kg
P1395-02DL2	B-3(10-12)DL2	Solid	Bis(2-ethylhexyl)phthalate		26,500.000	D 6900	10300	ug/Kg
P1395-02DL2	B-3(10-12)DL2	Solid	Di-n-butylphthalate		15,100.000	D 6300	10300	ug/Kg
P1395-02DL2	B-3(10-12)DL2	Solid	Phenol		95,300.000	D 4500	10300	ug/Kg
Total Svoc :					185,300.00			

Hit Summary Sheet SW-846

SDG No.: BP021624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P1440-01	TW-1	Water	2-Pentanone, 4-hydroxy-4-methyl *	3.500	A			
P1440-01	TW-1	Water	n-Hexadecanoic acid *	8.400	J			
P1440-01	TW-1	Water	Octadecanoic acid *	3.400	J			
Total Tics :					15.30			
Total Concentration:					15.30			
Client ID : TW-2								
P1440-03	TW-2	Water	2-Pentanone, 4-hydroxy-4-methyl *	3.800	A			
P1440-03	TW-2	Water	Butyl citrate *	2.400	J			
P1440-03	TW-2	Water	n-Hexadecanoic acid *	4.900	J			
Total Tics :					11.10			
Total Concentration:					11.10			
Client ID : TW-3								
P1440-05	TW-3	Water	1-Decanol *	97.700	J			
P1440-05	TW-3	Water	1-Decene *	42.800	J			
P1440-05	TW-3	Water	1-Octanol *	79.000	J			
P1440-05	TW-3	Water	2-[2-[2-[2-[2-(2-Hydroxyeth *	54.900	J			
P1440-05	TW-3	Water	3,6,9,12,15-Pentaoxanonadecan-1 *	38.100	J			
P1440-05	TW-3	Water	3,6,9,12-Tetraoxahexadecan-1-ol *	49.800	J			
P1440-05	TW-3	Water	3-pentylpiperidin-2-one *	97.500	J			
P1440-05	TW-3	Water	Diethylene glycol monododecyl et *	74.900	J			
P1440-05	TW-3	Water	Dodecanoic acid *	56.900	J			
P1440-05	TW-3	Water	Esaprazole *	84.500	J			
P1440-05	TW-3	Water	Hexanoic acid, 3-fluorophenyl est *	370.000	J			
P1440-05	TW-3	Water	n-Octylpentaoxyethylene *	40.200	J			
P1440-05	TW-3	Water	Octadecane, 1-isocyanato- *	72.400	J			
P1440-05	TW-3	Water	Pentaethylene glycol *	67.000	J			
P1440-05	TW-3	Water	Triethylene glycol monododecyl e *	90.300	J			
P1440-05	TW-3	Water	unknown12.263 *	58.800	J			
P1440-05	TW-3	Water	unknown14.593 *	67.600	J			
P1440-05	TW-3	Water	unknown15.298 *	74.900	J			
P1440-05	TW-3	Water	unknown19.722 *	49.100	J			
P1440-05	TW-3	Water	unknown6.534 *	48.200	J			
Total Tics :					1,614.60			
P1440-05	TW-3	Water	1,4-Dioxane	10.000	3.9		8.1	ug/L
Total Svoc :					10.00			
Total Concentration:					1,624.60			
Client ID : FB020724GW								
P1440-06	FB020724GW	Water	n-Hexadecanoic acid *	4.400	J			
P1440-06	FB020724GW	Water	Oleic Acid *	9.300	J			
Total Tics :					13.70			

Hit Summary Sheet SW-846

SDG No.: BP021624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	13.70				
Client ID :	TR-04-021424							
P1472-01	TR-04-021424	Solid	9,11-Octadecadienoic acid, methy *	22,900.000	J			
P1472-01	TR-04-021424	Solid	9-Octadecenoic acid (Z)-, methyl *	13,800.000	J			
P1472-01	TR-04-021424	Solid	Eicosane, 10-methyl-	650.000	J			
P1472-01	TR-04-021424	Solid	Heneicosane	1,100.000	J			
P1472-01	TR-04-021424	Solid	Heptadecane	640.000	J			
P1472-01	TR-04-021424	Solid	Hexadecane	620.000	J			
P1472-01	TR-04-021424	Solid	Hexadecane, 2,6,10,14-tetramethy *	370.000	J			
P1472-01	TR-04-021424	Solid	Hexadecanoic acid, methyl ester *	4,800.000	J			
P1472-01	TR-04-021424	Solid	Methyl stearate	2,200.000	J			
P1472-01	TR-04-021424	Solid	n-Hexadecanoic acid	680.000	J			
P1472-01	TR-04-021424	Solid	Nonadecane	590.000	J			
P1472-01	TR-04-021424	Solid	Octacosane	810.000	J			
P1472-01	TR-04-021424	Solid	Pentadecane	810.000	J			
P1472-01	TR-04-021424	Solid	Pentadecane, 2,6,10,14-tetramethy *	390.000	J			
P1472-01	TR-04-021424	Solid	Tetracosane, 3-ethyl-	340.000	J			
P1472-01	TR-04-021424	Solid	Tetradecane	690.000	J			
			Total Tics :	51,390.00				
P1472-01	TR-04-021424	Solid	Benzo(a)anthracene	370.000	J	290	580	ug/Kg
P1472-01	TR-04-021424	Solid	Benzo(a)pyrene	360.000	J	320	580	ug/Kg
P1472-01	TR-04-021424	Solid	Benzo(b)fluoranthene	400.000	J	280	580	ug/Kg
P1472-01	TR-04-021424	Solid	Chrysene	370.000	J	300	580	ug/Kg
P1472-01	TR-04-021424	Solid	Fluoranthene	610.000		320	580	ug/Kg
P1472-01	TR-04-021424	Solid	Pyrene	620.000		290	580	ug/Kg
			Total Svoc :	2,730.00				
			Total Concentration:	54,120.00				



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.: BP021624 SAS No.: BP021624 SDG NO.: BP021624EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 16 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	PB159037BL	75590	7.91	269332	10.70	179630	14.54
02	PB159037BS	64902	7.91	230948	10.70	147518	14.54
03	PB158970BL	72433	7.91	259927	10.70	158588	14.54
04	PB158970BS	69893	7.91	260079	10.70	173388	14.54
05	PB158970BSD	71684	7.90	248822	10.70	151608	14.54
06	FB020724	62772	7.90	234720	10.70	167007	14.54
07	TW-1	63344	7.90	225141	10.70	147951	14.54
08	TW-2	71200	7.90	264584	10.70	176126	14.53
09	TW-3	72691	7.91	247583	10.70	146561	14.53
10	FB020724GW	63002	7.90	224492	10.70	155382	14.54
11	SB-4 (5-6)	65099	7.90	222226	10.70	133515 *	14.54
12	SB-5 (13-14)	63531	7.90	227964	10.70	146688	14.53
13	SB-10 (10-11)	65620	7.90	238644	10.70	161484	14.53
14	B-4 (4-6) DL	62074	7.90	221425	10.70	145841	14.53
15	B-2 (4-6) DL2	59769	7.90	209103 *	10.70	136084	14.53
16	B-2 (6-8) DL2	61306	7.90	236905	10.70	170984	14.53
17	B-3 (10-12) DL2	65310	7.90	235071	10.70	160731	14.53
18	EB-3-0-2	68490	7.90	248757	10.70	157330	14.53
19	TR-04-021424	77113	7.90	286307	10.70	199235	14.53

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP021624 SAS No.: BP021624 SDG NO.: BP021624

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 16 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 21:29

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.						

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.: BP021624 SAS No.: BP021624 SDG NO.: BP021624EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 16 2024 12:00AMLab File ID: BP019737.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	77415	7.905	282257	10.71	185062	14.55
	UPPER LIMIT	154830	8.405	564514	11.21	370124	15.045
	LOWER LIMIT	38707.5	7.405	141128.5	10.21	92531	14.045
	EPA SAMPLE NO.						
01	PB159037BL	75590	7.91	269332	10.70	179630	14.54
02	PB159037BS	64902	7.91	230948	10.70	147518	14.54
03	PB158970BL	72433	7.91	259927	10.70	158588	14.54
04	PB158970BS	69893	7.91	260079	10.70	173388	14.54
05	PB158970BSD	71684	7.90	248822	10.70	151608	14.54
06	FB020724	62772	7.90	234720	10.70	167007	14.54
07	TW-1	63344	7.90	225141	10.70	147951	14.54
08	TW-2	71200	7.90	264584	10.70	176126	14.53
09	TW-3	72691	7.91	247583	10.70	146561	14.53
10	FB020724GW	63002	7.90	224492	10.70	155382	14.54
11	SB-4 (5-6)	65099	7.90	222226	10.70	133515	14.54
12	SB-5 (13-14)	63531	7.90	227964	10.70	146688	14.53
13	SB-10 (10-11)	65620	7.90	238644	10.70	161484	14.53
14	B-4 (4-6) DL	62074	7.90	221425	10.70	145841	14.53
15	B-2 (4-6) DL2	59769	7.90	209103	10.70	136084	14.53
16	B-2 (6-8) DL2	61306	7.90	236905	10.70	170984	14.53
17	B-3 (10-12) DL2	65310	7.90	235071	10.70	160731	14.53
18	EB-3-0-2	68490	7.90	248757	10.70	157330	14.53
19	TR-04-021424	77113	7.90	286307	10.70	199235	14.53

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP021624 SAS No.: BP021624 SDG NO.: BP021624

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 16 2024 12:00AM

Lab File ID: BP019737.D Time Analyzed: 21:29

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	77415	7.905	282257	10.71	185062	14.55
UPPER LIMIT	154830	8.405	564514	11.21	370124	15.045
LOWER LIMIT	38707.5	7.405	141128.5	10.21	92531	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.: BP021624 SAS No.: BP021624 SDG NO.: BP021624

EPA Sample No.: SSTDICCC040

Date Analyzed: Feb 16 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 PB159037BL	441869	17.30	448311	21.39	522227	23.82
02 PB159037BS	337083	17.30	317391	21.39	389478	23.82
03 PB158970BL	352309	17.30	333521	21.39	425859	23.82
04 PB158970BS	409566	17.30	401938	21.39	457544	23.82
05 PB158970BSD	329252	17.30	302153	21.39	359995	23.82
06 FB020724	416517	17.30	434972	21.39	484745	23.82
07 TW-1	363120	17.29	412088	21.39	475332	23.81
08 TW-2	435824	17.30	465277	21.39	526559	23.81
09 TW-3	325660	17.29	387520	21.39	459993	23.81
10 FB020724GW	401453	17.30	428675	21.39	472923	23.81
11 SB-4 (5-6)	327186	17.30	399808	21.39	472762	23.81
12 SB-5 (13-14)	373362	17.29	425468	21.39	484341	23.81
13 SB-10 (10-11)	409603	17.29	440178	21.39	491630	23.81
14 B-4 (4-6) DL	338089	17.29	383636	21.39	450878	23.80
15 B-2 (4-6) DL2	332575	17.29	400616	21.39	464728	23.80
16 B-2 (6-8) DL2	413138	17.29	458261	21.39	524340	23.80
17 B-3 (10-12) DL2	394543	17.29	422840	21.39	469387	23.80
18 EB-3-0-2	398153	17.29	439275	21.39	502359	23.80
19 TR-04-021424	456189	17.29	455138	21.39	519989	23.81

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP021624 SAS No.: BP021624 SDG NO.: BP021624

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 16 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 21:29

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.						

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.: BP021624 SAS No.: BP021624 SDG NO.: BP021624

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 16 2024 12:00AM

Lab File ID: BP019737.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	434892	17.304	431389	21.398	532209	23.827
UPPER LIMIT	869784	17.804	862778	21.898	1064418	24.327
LOWER LIMIT	217446	16.804	215694.5	20.898	266104.5	23.327
EPA SAMPLE NO.						
01 PB159037BL	441869	17.30	448311	21.39	522227	23.82
02 PB159037BS	337083	17.30	317391	21.39	389478	23.82
03 PB158970BL	352309	17.30	333521	21.39	425859	23.82
04 PB158970BS	409566	17.30	401938	21.39	457544	23.82
05 PB158970BSD	329252	17.30	302153	21.39	359995	23.82
06 FB020724	416517	17.30	434972	21.39	484745	23.82
07 TW-1	363120	17.29	412088	21.39	475332	23.81
08 TW-2	435824	17.30	465277	21.39	526559	23.81
09 TW-3	325660	17.29	387520	21.39	459993	23.81
10 FB020724GW	401453	17.30	428675	21.39	472923	23.81
11 SB-4 (5-6)	327186	17.30	399808	21.39	472762	23.81
12 SB-5 (13-14)	373362	17.29	425468	21.39	484341	23.81
13 SB-10 (10-11)	409603	17.29	440178	21.39	491630	23.81
14 B-4 (4-6) DL	338089	17.29	383636	21.39	450878	23.80
15 B-2 (4-6) DL2	332575	17.29	400616	21.39	464728	23.80
16 B-2 (6-8) DL2	413138	17.29	458261	21.39	524340	23.80
17 B-3 (10-12) DL2	394543	17.29	422840	21.39	469387	23.80
18 EB-3-0-2	398153	17.29	439275	21.39	502359	23.80
19 TR-04-021424	456189	17.29	455138	21.39	519989	23.81



8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BP021624 SAS No.: BP021624 SDG NO.: BP021624EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 16 2024 12:00AMLab File ID: BP019737.D Time Analyzed: 21:29Instrument 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	434892	17.304	431389	21.398	532209	23.827
UPPER LIMIT	869784	17.804	862778	21.898	1064418	24.327
LOWER LIMIT	217446	16.804	215694.5	20.898	266104.5	23.327
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.: BP021624

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD	
								Qual	Low	High		
PB158970BS	n-Nitrosodimethylamine	50	41	ug/L	82					55	108	
	Pyridine	50	32.7	ug/L	65					29	97	
	Benzaldehyde	50	0	ug/L	0		*			15	121	
	Aniline	50	25.7	ug/L	51					10	130	
	Phenol	50	43.8	ug/L	88					66	118	
	bis(2-Chloroethyl)ether	50	41.1	ug/L	82					62	103	
	2-Chlorophenol	50	45.4	ug/L	91					70	117	
	1,2-Dichlorobenzene	50	41.7	ug/L	83					72	102	
	1,3-Dichlorobenzene	50	42	ug/L	84					71	103	
	1,4-Dichlorobenzene	50	42.4	ug/L	85					76	103	
	Benzyl Alcohol	50	43.3	ug/L	87					36	93	
	2-Methylphenol	50	44	ug/L	88					69	109	
	2,2-oxybis(1-Chloropropane)	50	40.6	ug/L	81					52	103	
	Acetophenone	50	42.1	ug/L	84					60	104	
	3+4-Methylphenols	50	43.6	ug/L	87					67	106	
	N-Nitroso-di-n-propylamine	50	40.3	ug/L	81					57	107	
	Hexachloroethane	50	41.2	ug/L	82					76	118	
	Nitrobenzene	50	40.6	ug/L	81					58	106	
	Isophorone	50	41.7	ug/L	83					61	102	
	2-Nitrophenol	50	48.8	ug/L	98					70	115	
	2,4-Dimethylphenol	50	52.8	ug/L	106					67	130	
	bis(2-Chloroethoxy)methane	50	41.5	ug/L	83					58	109	
	2,4-Dichlorophenol	50	46.9	ug/L	94					66	115	
	1,2,4-Trichlorobenzene	50	44	ug/L	88					41	115	
	Benzoic acid	50	51	ug/L	102					10	125	
	Naphthalene	50	42.1	ug/L	84					64	107	
	4-Chloroaniline	50	12.8	ug/L	26					10	85	
	Hexachlorobutadiene	50	43.3	ug/L	87					69	101	
	Caprolactam	50	51.1	ug/L	102					58	128	
	4-Chloro-3-methylphenol	50	47.3	ug/L	95					65	114	
	2-Methylnaphthalene	50	43.3	ug/L	87					64	107	
	Hexachlorocyclopentadiene	100	130	ug/L	130					36	160	
	2,4,6-Trichlorophenol	50	47.5	ug/L	95					61	110	
	2,4,5-Trichlorophenol	50	48	ug/L	96					70	106	
	1,1-Biphenyl	50	42.4	ug/L	85					72	98	
	2-Chloronaphthalene	50	41.6	ug/L	83					59	106	
	2-Nitroaniline	50	45.8	ug/L	92					58	107	
	Dimethylphthalate	50	46.2	ug/L	92					64	103	
	Acenaphthylene	50	47.3	ug/L	95					65	108	
	2,6-Dinitrotoluene	50	46.2	ug/L	92					64	110	
	3-Nitroaniline	50	31.8	ug/L	64					28	100	
	Acenaphthene	50	42.7	ug/L	85					59	113	
	Total PAH	800	722.8	ug/L	90					59	113	
	2,4-Dinitrophenol	100	120	ug/L	120					64	132	
	4-Nitrophenol	100	100	ug/L	100					68	116	
	Dibenzofuran	50	45.4	ug/L	91					65	106	



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

SDG No.: BP021624

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB158970BS	2,4-Dinitrotoluene/2,6-Dinitrotoluene	100	97.4	ug/L	97					60	115	
	2,4-Dinitrotoluene	50	51.2	ug/L	102					60	115	
	Diethylphthalate	50	47.1	ug/L	94					63	105	
	4-Chlorophenyl-phenylether	50	46.5	ug/L	93					61	104	
	Fluorene	50	46	ug/L	92					64	107	
	4-Nitroaniline	50	47.8	ug/L	96					69	112	
	4,6-Dinitro-2-methylphenol	50	52.9	ug/L	106					62	132	
	N-Nitrosodiphenylamine	50	42.6	ug/L	85					61	109	
	Azobenzene	50	43.3	ug/L	87					59	106	
	4-Bromophenyl-phenylether	50	44.6	ug/L	89					73	103	
	Hexachlorobenzene	50	44.3	ug/L	89					73	106	
	Atrazine	50	50.9	ug/L	102					76	120	
	Pentachlorophenol	100	99.6	ug/L	100					47	114	
	Phenanthrene	50	45	ug/L	90					62	109	
	Anthracene	50	45.7	ug/L	91					65	110	
	Carbazole	50	45.9	ug/L	92					62	106	
	Di-n-butylphthalate	50	45.1	ug/L	90					64	106	
	Fluoranthene	50	46.8	ug/L	94					64	110	
	Benzidine	100	44.9	ug/L	45					10	94	
	Pyrene	50	44.9	ug/L	90					71	103	
	Butylbenzylphthalate	50	45.3	ug/L	91					61	105	
	3,3-Dichlorobenzidine	50	35.8	ug/L	72					43	108	
	Benzo(a)anthracene	50	45.3	ug/L	91					62	107	
	Chrysene	50	44.4	ug/L	89					61	108	
	bis(2-Ethylhexyl)phthalate	50	42.3	ug/L	85					59	110	
	Di-n-octyl phthalate	50	41.4	ug/L	83					67	126	
	Benzo(b)fluoranthene	50	46.5	ug/L	93					77	113	
	Benzo(k)fluoranthene	50	44.8	ug/L	90					64	113	
	Benzo(a)pyrene	50	46.4	ug/L	93					72	131	
	Indeno(1,2,3-cd)pyrene	50	45.5	ug/L	91					72	105	
	Dibenz(a,h)anthracene	50	46.2	ug/L	92					78	115	
	Benzo(g,h,i)perylene	50	43.2	ug/L	86					75	118	
	1,2,4,5-Tetrachlorobenzene	50	44.9	ug/L	90					72	101	
	1,4-Dioxane	50	32.4	ug/L	65					38	125	
	2,3,4,6-Tetrachlorophenol	50	54.2	ug/L	108					63	116	
	1-Methylnaphthalene	50	42.3	ug/L	85					51	114	
PB158970BSD	n-Nitrosodimethylamine	50	40	ug/L	80					55	108	20
	Pyridine	50	32	ug/L	64					29	97	20
	Benzaldehyde	50	0	ug/L	0		*			15	121	20
	Aniline	50	23.7	ug/L	47					10	130	20
	Phenol	50	39.5	ug/L	79					66	118	20
	bis(2-Chloroethyl)ether	50	38.9	ug/L	78					62	103	20
	2-Chlorophenol	50	41.6	ug/L	83					70	117	20
	1,2-Dichlorobenzene	50	39.9	ug/L	80					72	102	20
	1,3-Dichlorobenzene	50	41.2	ug/L	82					71	103	20
	1,4-Dichlorobenzene	50	41.1	ug/L	82					76	103	20



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

SDG No.: BP021624

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB158970BSD	Benzyl Alcohol	50	39.1	ug/L	78				36	93	20
	2-Methylphenol	50	39.3	ug/L	79				69	109	20
	2,2-oxybis(1-Chloropropane)	50	38.1	ug/L	76				52	103	20
	Acetophenone	50	41.4	ug/L	83				60	104	20
	3+4-Methylphenols	50	37.3	ug/L	75				67	106	20
	N-Nitroso-di-n-propylamine	50	36	ug/L	72				57	107	20
	Hexachloroethane	50	39.8	ug/L	80				76	118	20
	Nitrobenzene	50	39.7	ug/L	79				58	106	20
	Isophorone	50	39.3	ug/L	79				61	102	20
	2-Nitrophenol	50	46.3	ug/L	93				70	115	20
	2,4-Dimethylphenol	50	47.2	ug/L	94				67	130	20
	bis(2-Chloroethoxy)methane	50	39.4	ug/L	79				58	109	20
	2,4-Dichlorophenol	50	43	ug/L	86				66	115	20
	1,2,4-Trichlorobenzene	50	42.9	ug/L	86				41	115	20
	Benzoic acid	50	43.2	ug/L	86				10	125	20
	Naphthalene	50	41.3	ug/L	83				64	107	20
	4-Chloroaniline	50	9.9	ug/L	20				10	85	20
	Hexachlorobutadiene	50	43.5	ug/L	87				69	101	20
	Caprolactam	50	43.2	ug/L	86				58	128	20
	4-Chloro-3-methylphenol	50	41	ug/L	82				65	114	20
	2-Methylnaphthalene	50	40.6	ug/L	81				64	107	20
	Hexachlorocyclopentadiene	100	130	ug/L	130				36	160	20
	2,4,6-Trichlorophenol	50	45.3	ug/L	91				61	110	20
	2,4,5-Trichlorophenol	50	44.1	ug/L	88				70	106	20
	1,1-Biphenyl	50	41.7	ug/L	83				72	98	20
	2-Chloronaphthalene	50	40.9	ug/L	82				59	106	20
	2-Nitroaniline	50	43.1	ug/L	86				58	107	20
	Dimethylphthalate	50	42.1	ug/L	84				64	103	20
	Acenaphthylene	50	45.7	ug/L	91				65	108	20
	2,6-Dinitrotoluene	50	43	ug/L	86				64	110	20
	3-Nitroaniline	50	29.6	ug/L	59				28	100	20
	Acenaphthene	50	40.9	ug/L	82				59	113	20
	Total PAH	800	707.6	ug/L	88				59	113	20
	2,4-Dinitrophenol	100	110	ug/L	110				64	132	20
	4-Nitrophenol	100	90	ug/L	90				68	116	20
	Dibenzofuran	50	43.1	ug/L	86				65	106	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	89	ug/L	89				60	115	20
	2,4-Dinitrotoluene	50	46	ug/L	92				60	115	20
	Diethylphthalate	50	41.4	ug/L	83				63	105	20
	4-Chlorophenyl-phenylether	50	42.7	ug/L	85				61	104	20
	Fluorene	50	43.2	ug/L	86				64	107	20
	4-Nitroaniline	50	42.2	ug/L	84				69	112	20
	4,6-Dinitro-2-methylphenol	50	50.8	ug/L	102				62	132	20
	N-Nitrosodiphenylamine	50	42.2	ug/L	84				61	109	20
	Azobenzene	50	39.5	ug/L	79				59	106	20
	4-Bromophenyl-phenylether	50	43.5	ug/L	87				73	103	20



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

SDG No.: BP021624

Client:

Analytical Method: 8270E

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB158970BSD	Hexachlorobenzene	50	43.6	ug/L	87				73	106	20
	Atrazine	50	48.1	ug/L	96				76	120	20
	Pentachlorophenol	100	94.7	ug/L	95				47	114	20
	Phenanthrene	50	43.6	ug/L	87				62	109	20
	Anthracene	50	44.6	ug/L	89				65	110	20
	Carbazole	50	43.3	ug/L	87				62	106	20
	Di-n-butylphthalate	50	40.9	ug/L	82				64	106	20
	Fluoranthene	50	43.9	ug/L	88				64	110	20
	Benzidine	100	43.4	ug/L	43				10	94	20
	Pyrene	50	44.4	ug/L	89				71	103	20
	Butylbenzylphthalate	50	42.5	ug/L	85				61	105	20
	3,3-Dichlorobenzidine	50	37.3	ug/L	75				43	108	20
	Benzo(a)anthracene	50	43.8	ug/L	88				62	107	20
	Chrysene	50	43.1	ug/L	86				61	108	20
	bis(2-Ethylhexyl)phthalate	50	37.1	ug/L	74				59	110	20
	Di-n-octyl phthalate	50	35.8	ug/L	72				67	126	20
	Benzo(b)fluoranthene	50	42.1	ug/L	84				77	113	20
	Benzo(k)fluoranthene	50	44.1	ug/L	88				64	113	20
	Benzo(a)pyrene	50	45.1	ug/L	90				72	131	20
	Indeno(1,2,3-cd)pyrene	50	47.9	ug/L	96				72	105	20
	Dibenz(a,h)anthracene	50	48	ug/L	96				78	115	20
	Benzo(g,h,i)perylene	50	45.9	ug/L	92				75	118	20
	1,2,4,5-Tetrachlorobenzene	50	46.2	ug/L	92				72	101	20
	1,4-Dioxane	50	33.2	ug/L	66				38	125	20
	2,3,4,6-Tetrachlorophenol	50	48.6	ug/L	97				63	116	20
	1-Methylnaphthalene	50	38.8	ug/L	78				51	114	20



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

SDG No.: BP021624

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159037BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	0	ug/Kg	0		*		10	147	
	Aniline	1700	910	ug/Kg	54				38	100	
	Phenol	1700	1500	ug/Kg	88				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	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				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	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1400	ug/Kg	82				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	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	470	ug/Kg	28				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	4200	ug/Kg	127				45	134	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	25000	ug/Kg	92				57	104	
	2,4-Dinitrophenol	3300	3900	ug/Kg	118				37	128	
	4-Nitrophenol	3300	3400	ug/Kg	103				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	



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

SDG No.: BP021624

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159037BS	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	3300	ug/Kg	97				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				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	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1700	ug/Kg	100				67	113	
	Pentachlorophenol	3300	3400	ug/Kg	103				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1400	ug/Kg	82				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	1600	ug/Kg	48				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				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	1300	ug/Kg	76				63	111	
	Di-n-octyl phthalate	1700	1300	ug/Kg	76				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	1600	ug/Kg	94				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	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EB-3-0-2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP021624SAS No.: BP021624 SDG NO.: BP021624Lab File ID: BP019755.DLab Sample ID: P1141-01Instrument ID: BNA_PDate Extracted: 02/05/2024Matrix: (soil/water) SolidDate Analyzed: 02/16/2024Level: (low/med) LOWTime Analyzed: 20:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EB-3-0-2	P1141-01	BP019755.D	02/16/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SB-4 (5-6)

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP021624SAS No.: BP021624 SDG NO.: BP021624Lab File ID: BP019748.DLab Sample ID: P1394-04Instrument ID: BNA_PDate Extracted: 02/09/2024Matrix: (soil/water) SolidDate Analyzed: 02/16/2024Level: (low/med) LOWTime Analyzed: 16:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SB-4 (5-6)	P1394-04	BP019748.D	02/16/2024
SB-5 (13-14)	P1394-06	BP019749.D	02/16/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB158970BL

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM

Case No.: BP021624

SAS No.: BP021624

SDG NO.: BP021624

Lab File ID: BP019740.D

Lab Sample ID: PB158970BL

Instrument ID: BNA_P

Date Extracted: 02/12/2024

Matrix: (soil/water) Water

Date Analyzed: 02/16/2024

Level: (low/med) LOW

Time Analyzed: 12:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB158970BS	PB158970BS	BP019741.D	02/16/2024
PB158970BSD	PB158970BSD	BP019742.D	02/16/2024
FB020724	P1414-09	BP019743.D	02/16/2024
TW-1	P1440-01	BP019744.D	02/16/2024
TW-2	P1440-03	BP019745.D	02/16/2024
TW-3	P1440-05	BP019746.D	02/16/2024
FB020724GW	P1440-06	BP019747.D	02/16/2024

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SB-10 (10-11)

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP021624SAS No.: BP021624 SDG NO.: BP021624Lab File ID: BP019750.DLab Sample ID: P1414-07Instrument ID: BNA_PDate Extracted: 02/12/2024Matrix: (soil/water) SolidDate Analyzed: 02/16/2024Level: (low/med) LOWTime Analyzed: 18:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SB-10 (10-11)	P1414-07	BP019750.D	02/16/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159037BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP021624SAS No.: BP021624 SDG NO.: BP021624Lab File ID: BP019738.DLab Sample ID: PB159037BLInstrument ID: BNA_PDate Extracted: 02/15/2024Matrix: (soil/water) SolidDate Analyzed: 02/16/2024Level: (low/med) LOWTime 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
PB159037BS	PB159037BS	BP019739.D	02/16/2024
TR-04-021424	P1472-01	BP019756.D	02/16/2024

COMMENTS: _____



Surrogate Summary
SW-846

SDG No.: BP021624

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1141-01	EB-3-0-2	BP019755.D	2-Fluorophenol	150	71.98	48		18	112
			Phenol-d6	150	70.97	47		15	107
			Nitrobenzene-d5	100	49.76	50		18	107
			2-Fluorobiphenyl	100	49.92	50		20	109
			2,4,6-Tribromophenol	150	82.23	55		10	110
			Terphenyl-d14	100	50.46	50		14	112



Surrogate Summary

SW-846

SDG No.: BP021624

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1394-04	SB-4(5-6)	BP019748.D	2-Fluorophenol	150	114.46	76		18	112
			Phenol-d6	150	103.60	69		15	107
			Nitrobenzene-d5	100	76.82	77		18	107
			2-Fluorobiphenyl	100	81.55	82		20	109
			2,4,6-Tribromophenol	150	160.01	107		10	110
			Terphenyl-d14	100	77.04	77		14	112
P1394-06	SB-5(13-14)	BP019749.D	2-Fluorophenol	150	89.21	59		18	112
			Phenol-d6	150	82.24	55		15	107
			Nitrobenzene-d5	100	57.03	57		18	107
			2-Fluorobiphenyl	100	59.14	59		20	109
			2,4,6-Tribromophenol	150	125.29	84		10	110
			Terphenyl-d14	100	60.83	61		14	112
P1395-01DL	B-4(4-6)DL	BP019751.D	2-Fluorophenol	150	86.00	57		18	112
			Phenol-d6	150	78.86	53		15	107
			Nitrobenzene-d5	100	56.23	56		18	107
			2-Fluorobiphenyl	100	58.07	58		20	109
			2,4,6-Tribromophenol	150	109.66	73		10	110
			Terphenyl-d14	100	62.81	63		14	112
P1395-02DL2	B-3(10-12)DL2	BP019754.D	2-Fluorophenol	150	101.65	68		18	112
			Phenol-d6	150	95.65	64		15	107
			Nitrobenzene-d5	100	59.70	60		18	107
			2-Fluorobiphenyl	100	67.85	68		20	109
			2,4,6-Tribromophenol	150	132.30	88		10	110
			Terphenyl-d14	100	71.15	71		14	112
P1395-03DL2	B-2(4-6)DL2	BP019752.D	2-Fluorophenol	150	89.90	60		18	112
			Phenol-d6	150	83.00	55		15	107
			Nitrobenzene-d5	100	52.30	52		18	107
			2-Fluorobiphenyl	100	60.00	60		20	109
			2,4,6-Tribromophenol	150	99.20	66		10	110
			Terphenyl-d14	100	68.90	69		14	112
P1395-04DL2	B-2(6-8)DL2	BP019753.D	2-Fluorophenol	150	50.28	34		18	112
			Phenol-d6	150	51.02	34		15	107
			Nitrobenzene-d5	100	33.32	33		18	107
			2-Fluorobiphenyl	100	32.28	32		20	109
			2,4,6-Tribromophenol	150	65.94	44		10	110
			Terphenyl-d14	100	37.54	38		14	112

Surrogate Summary

SW-846

SDG No.: BP021624

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1414-09	FB020724	BP019743.D	2-Fluorophenol	150	19.41	13		10	139
			Phenol-d6	150	13.73	9	*	10	134
			Nitrobenzene-d5	100	85.40	85		49	133
			2-Fluorobiphenyl	100	86.17	86		52	132
			2,4,6-Tribromophenol	150	85.43	57		32	145
			Terphenyl-d14	100	100.45	100		36	145
P1440-01	TW-1	BP019744.D	2-Fluorophenol	150	67.26	45		10	139
			Phenol-d6	150	42.04	28		10	134
			Nitrobenzene-d5	100	83.66	84		49	133
			2-Fluorobiphenyl	100	83.53	84		52	132
			2,4,6-Tribromophenol	150	158.67	106		32	145
			Terphenyl-d14	100	77.40	77		36	145
P1440-03	TW-2	BP019745.D	2-Fluorophenol	150	83.00	55		10	139
			Phenol-d6	150	52.56	35		10	134
			Nitrobenzene-d5	100	92.63	93		49	133
			2-Fluorobiphenyl	100	95.71	96		52	132
			2,4,6-Tribromophenol	150	194.79	130		32	145
			Terphenyl-d14	100	102.69	103		36	145
P1440-05	TW-3	BP019746.D	2-Fluorophenol	150	88.78	59		10	139
			Phenol-d6	150	58.25	39		10	134
			Nitrobenzene-d5	100	92.38	92		49	133
			2-Fluorobiphenyl	100	97.99	98		52	132
			2,4,6-Tribromophenol	150	174.30	116		32	145
			Terphenyl-d14	100	90.87	91		36	145
P1440-06	FB020724GW	BP019747.D	2-Fluorophenol	150	72.01	48		10	139
			Phenol-d6	150	41.92	28		10	134
			Nitrobenzene-d5	100	96.87	97		49	133
			2-Fluorobiphenyl	100	96.58	97		52	132
			2,4,6-Tribromophenol	150	215.82	144		32	145
			Terphenyl-d14	100	110.24	110		36	145
PB158970BL	PB158970BL	BP019740.D	2-Fluorophenol	150	120.40	80		10	139
			Phenol-d6	150	108.76	73		10	134
			Nitrobenzene-d5	100	76.86	77		49	133
			2-Fluorobiphenyl	100	79.82	80		52	132
			2,4,6-Tribromophenol	150	143.39	96		32	145
			Terphenyl-d14	100	85.62	86		36	145
PB158970BS	PB158970BS	BP019741.D	2-Fluorophenol	150	128.95	86		10	139
			Phenol-d6	150	122.56	82		10	134
			Nitrobenzene-d5	100	81.08	81		49	133
			2-Fluorobiphenyl	100	82.31	82		52	132
			2,4,6-Tribromophenol	150	165.68	110		32	145
			Terphenyl-d14	100	91.06	91		36	145
PB158970BSD	PB158970BSD	BP019742.D	2-Fluorophenol	150	120.54	80		10	139
			Phenol-d6	150	110.21	73		10	134
			Nitrobenzene-d5	100	79.37	79		49	133
			2-Fluorobiphenyl	100	81.19	81		52	132
			2,4,6-Tribromophenol	150	147.06	98		32	145
			Terphenyl-d14	100	88.04	88		36	145



Surrogate Summary
SW-846

SDG No.: BP021624

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1414-07	SB-10(10-11)	BP019750.D	2-Fluorophenol	150	135.12	90		18	112
			Phenol-d6	150	126.91	85		15	107
			Nitrobenzene-d5	100	87.66	88		18	107
			2-Fluorobiphenyl	100	86.83	87		20	109
			2,4,6-Tribromophenol	150	191.05	127	*	10	110
			Terphenyl-d14	100	93.02	93		14	112



Surrogate Summary
SW-846

SDG No.: BP021624

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1472-01	TR-04-021424	BP019756.D	2-Fluorophenol	150	64.90	43		18	112
			Phenol-d6	150	59.19	39		15	107
			Nitrobenzene-d5	100	40.40	40		18	107
			2-Fluorobiphenyl	100	41.18	41		20	109
			2,4,6-Tribromophenol	150	80.58	54		10	110
			Terphenyl-d14	100	45.64	46		14	112
PB159037BL	PB159037BL	BP019738.D	2-Fluorophenol	150	120.49	80		18	112
			Phenol-d6	150	109.54	73		15	107
			Nitrobenzene-d5	100	77.90	78		18	107
			2-Fluorobiphenyl	100	77.97	78		20	109
			2,4,6-Tribromophenol	150	160.40	107		10	110
			Terphenyl-d14	100	88.16	88		14	112
PB159037BS	PB159037BS	BP019739.D	2-Fluorophenol	150	130.28	87		18	112
			Phenol-d6	150	122.01	81		15	107
			Nitrobenzene-d5	100	83.97	84		18	107
			2-Fluorobiphenyl	100	85.35	85		20	109
			2,4,6-Tribromophenol	150	165.75	110		10	110
			Terphenyl-d14	100	92.45	92		14	112



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP021624

Lab Code: CHEM

SAS No.: BP021624 SDG NO.: BP021624

Lab File ID: BP019736.D

DFTPP Injection Date: 02/16/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30
70	Less than 2.0% of mass 69	0.0 (0.1) 1
127	10.0 - 80.0% of mass 198	36.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 60.0% of mass 198	29.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.8 (19.8) 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	BP019737.D	02/16/2024	10:32
PB159037BL	PB159037BL	BP019738.D	02/16/2024	11:06
PB159037BS	PB159037BS	BP019739.D	02/16/2024	11:40
PB158970BL	PB158970BL	BP019740.D	02/16/2024	12:17
PB158970BS	PB158970BS	BP019741.D	02/16/2024	12:50
PB158970BSD	PB158970BSD	BP019742.D	02/16/2024	13:24
FB020724	P1414-09	BP019743.D	02/16/2024	14:09
TW-1	P1440-01	BP019744.D	02/16/2024	14:43
TW-2	P1440-03	BP019745.D	02/16/2024	15:16
TW-3	P1440-05	BP019746.D	02/16/2024	15:50
FB020724GW	P1440-06	BP019747.D	02/16/2024	16:24
SB-4 (5-6)	P1394-04	BP019748.D	02/16/2024	16:58
SB-5 (13-14)	P1394-06	BP019749.D	02/16/2024	17:32
SB-10 (10-11)	P1414-07	BP019750.D	02/16/2024	18:06
B-4 (4-6) DL	P1395-01DL	BP019751.D	02/16/2024	18:40
B-2 (4-6) DL2	P1395-03DL2	BP019752.D	02/16/2024	19:14
B-2 (6-8) DL2	P1395-04DL2	BP019753.D	02/16/2024	19:48
B-3 (10-12) DL2	P1395-02DL2	BP019754.D	02/16/2024	20:22
EB-3-0-2	P1141-01	BP019755.D	02/16/2024	20:56



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BP021624Lab Code: CHEMSAS No.: BP021624 SDG NO.: BP021624Lab File ID: BP019736.DDFTPP Injection Date: 02/16/2024Instrument ID: BNA_PDFTPP Injection Time: 09:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30
70	Less than 2.0% of mass 69	0.0 (0.1) 1
127	10.0 - 80.0% of mass 198	36.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 60.0% of mass 198	29.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.8 (19.8) 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
TR-04-021424	P1472-01	BP019756.D	02/16/2024	21:29