

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP022224 SAS No.: BP022224 SDG No.: BP022224

Instrument ID: BNA_P Calibration Date/Time: 2/22/2024 1:10:46

Lab File ID: BP019817.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	0.541		-4.078	
Pyridine	1.296	1.194		-7.87	
2-Fluorophenol	1.241	1.170		-5.721	
Benzaldehyde	1.173	1.254		6.905	
Aniline	1.626	1.511		-7.073	
Phenol-d6	1.673	1.561		-6.695	
Phenol	1.667	1.544		-7.379	20.0
bis(2-Chloroethyl)ether	1.297	1.217		-6.168	
2-Chlorophenol	1.274	1.218		-4.396	
1,2-Dichlorobenzene	1.528	1.479		-3.207	
1,3-Dichlorobenzene	1.559	1.500		-3.784	
1,4-Dichlorobenzene	1.579	1.524		-3.483	20.0
Benzyl Alcohol	1.337	1.227		-8.227	
2-Methylphenol	1.123	1.061		-5.521	
2,2-oxybis(1-Chloropropane)	1.297	1.153		-11.103	
Acetophenone	0.570	0.535		-6.14	
3+4-Methylphenols	1.532	1.448		-5.483	
n-Nitroso-di-n-propylamine	1.143	1.052	0.050	-7.962	
Nitrobenzene-d5	0.462	0.435		-5.844	
Hexachloroethane	0.612	0.582		-4.902	
Nitrobenzene	0.465	0.438		-5.806	
Isophorone	0.804	0.772		-3.98	
2-Nitrophenol	0.177	0.185		4.52	20.0
2,4-Dimethylphenol	0.227	0.213		-6.167	
bis(2-Chloroethoxy)methane	0.455	0.420		-7.692	
2,4-Dichlorophenol	0.343	0.338		-1.458	20.0
1,2,4-Trichlorobenzene	0.420	0.419		-0.238	
Benzoic acid	0.221	0.241		9.05	
Naphthalene	1.097	1.045		-4.74	
4-Chloroaniline	0.406	0.390		-3.941	
Hexachlorobutadiene	0.311	0.321		3.215	20.0
Caprolactam	0.097	0.110		13.402	
4-Chloro-3-methylphenol	0.373	0.389		4.29	20.0
2-Methylnaphthalene	0.759	0.748		-1.449	
Hexachlorocyclopentadiene	0.348	0.514	0.050	47.701	
2,4,6-Trichlorophenol	0.467	0.458		-1.927	20.0
2-Fluorobiphenyl	1.618	1.501		-7.231	
2,4,5-Trichlorophenol	0.513	0.517		0.78	
1,1-Biphenyl	1.596	1.439		-9.837	
2-Chloronaphthalene	1.310	1.195		-8.779	
2-Nitroaniline	0.366	0.368		0.546	



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Lab File ID: BP019817.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.531	1.539		0.523	
Acenaphthylene	1.838	1.742		-5.223	
2,6-Dinitrotoluene	0.336	0.352		4.762	
3-Nitroaniline	0.309	0.322		4.207	
Acenaphthene	1.141	1.080		-5.346	20.0
2,4-Dinitrophenol	0.175	0.211	0.050	20.571	
4-Nitrophenol	0.253	0.252	0.050	-0.395	
Dibenzofuran	1.858	1.803		-2.96	
2,4-Dinitrotoluene	0.441	0.501		13.605	
Diethylphthalate	1.523	1.566		2.823	
4-Chlorophenyl-phenylether	0.832	0.858		3.125	
Fluorene	1.480	1.504		1.622	
4-Nitroaniline	0.324	0.356		9.877	
4,6-Dinitro-2-methylphenol	0.114	0.133		16.667	
n-Nitrosodiphenylamine	0.599	0.541		-9.683	20.0
Azobenzene	1.473	1.405		-4.616	
2,4,6-Tribromophenol	0.292	0.371		27.055	
4-Bromophenyl-phenylether	0.250	0.242		-3.2	
Hexachlorobenzene	0.292	0.293		0.342	
Atrazine	0.199	0.190		-4.523	
Pentachlorophenol	0.182	0.197		8.242	20.0
Phenanthrene	1.053	0.999		-5.128	
Anthracene	1.050	0.996		-5.143	
Carbazole	0.954	0.960		0.629	
Di-n-butylphthalate	1.153	1.117		-3.122	
Fluoranthene	1.286	1.353		5.21	20.0
Benzidine	0.418	0.301		-27.99	
Pyrene	1.412	1.363		-3.47	
Terphenyl-d14	1.216	1.228		0.987	
Butylbenzylphthalate	0.527	0.494		-6.262	
3,3-Dichlorobenzidine	0.513	0.486		-5.263	
Benzo (a) anthracene	1.408	1.338		-4.972	
Chrysene	1.337	1.282		-4.114	
Bis (2-ethylhexyl) phthalate	0.803	0.707		-11.955	
Di-n-octyl phthalate	1.412	1.191		-15.652	20.0
Benzo (b) fluoranthene	1.261	1.219		-3.331	
Benzo (k) fluoranthene	1.204	1.181		-1.91	
Benzo (a) pyrene	1.122	1.079		-3.832	20.0
Indeno (1,2,3-cd) pyrene	1.531	1.382		-9.732	
Dibenzo (a,h) anthracene	1.259	1.158		-8.022	
Benzo (g,h,i) perylene	1.277	1.158		-9.319	



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Instrument ID: BNA_P Calibration Date/Time: 2/22/2024 1:10:46
Lab File ID: BP019817.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.771	0.728		-5.577	
1,4-Dioxane	0.478	0.424		-11.297	20.0
2,3,4,6-Tetrachlorophenol	0.431	0.482		11.833	
1-Methylnaphthalene	0.746	0.744		-0.268	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	PB159185BL	SDG No.:	BP022224
Lab Sample ID:	PB159185BL	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
BP019818.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	77.2	U	77.2	270	330	ug/Kg
110-86-1	Pyridine	72.3	U	72.3	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	74.3	U	74.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.7	U	89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	71.9	U	71.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	81.6	U	81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.4	U	88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	82.3	U	82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	98.7	U	98.7	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	86.6	U	86.6	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	58.9	U	58.9	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	73.5	U	73.5	130	170	ug/Kg
98-95-3	Nitrobenzene	75.1	U	75.1	130	170	ug/Kg
78-59-1	Isophorone	68	U	68	130	170	ug/Kg
88-75-5	2-Nitrophenol	95	U	95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	99.5	U	99.5	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	U	78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	77.4	U	77.4	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	81.3	U	81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.9	U	83.9	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.4	U	82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	94.8	U	94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	PB159185BL	SDG No.:	BP022224
Lab Sample ID:	PB159185BL	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
BP019818.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

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	U	77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.8	U	87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	91.2	U	91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.5	U	84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	99.2	U	99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	88.8	U	88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	88.3	U	88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.9	U	89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	93.3	U	93.3	130	170	ug/Kg
83-32-9	Acenaphthene	80.2	U	80.2	130	170	ug/Kg
Total PAH	Total PAH	1436.7	U	1436.7	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	76.8	U	76.8	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.8	U	99.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.7	U	189.7	130	340	ug/Kg
84-66-2	Diethylphthalate	85.8	U	85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.3	U	90.3	130	170	ug/Kg
86-73-7	Fluorene	84.7	U	84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.7	U	87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.2	U	93.2	130	170	ug/Kg
103-33-3	Azobenzene	73.4	U	73.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.3	U	97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	98.7	U	98.7	130	170	ug/Kg
1912-24-9	Atrazine	95.3	U	95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	92.6	U	92.6	130	170	ug/Kg
120-12-7	Anthracene	100	U	100	130	170	ug/Kg
86-74-8	Carbazole	84.8	U	84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	94.3	U	94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	PB159185BL	SDG No.:	BP022224
Lab Sample ID:	PB159185BL	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
BP019818.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

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	83.6	U	83.6	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	83.8	U	83.8	130	170	ug/Kg
218-01-9	Chrysene	86.7	U	86.7	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	80.2	U	80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	88	U	88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.2	U	94.2	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	96.4	U	96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.4	U	92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.3	U	89.3	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	82.8	U	82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	90.1	U	90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.645		18-112		79	SPK: -150
13127-88-3	Phenol-d6	106.343		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	76.835		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	78.447		20-109		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	155.774		10-110		104	SPK: -150
1718-51-0	Terphenyl-d14	83.553		14-112		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68638	7.893				
1146-65-2	Naphthalene-d8	242129	10.693				
15067-26-2	Acenaphthene-d10	153009	14.528				
1517-22-2	Phenanthrene-d10	368792	17.286				
1719-03-5	Chrysene-d12	398587	21.38				
1520-96-3	Perylene-d12	456344	23.798				



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

Report of Analysis

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	PB159185BL	SDG No.:	BP022224
Lab Sample ID:	PB159185BL	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
BP019818.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	98.6	A			5.016	

Report of Analysis

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	PB159185BS	SDG No.:	BP022224
Lab Sample ID:	PB159185BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 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
BP019819.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		77.3	270	330	ug/Kg
110-86-1	Pyridine	1100		72.4	130	170	ug/Kg
100-52-7	Benzaldehyde	720		150	270	330	ug/Kg
62-53-3	Aniline	920		120	130	170	ug/Kg
108-95-2	Phenol	1600		74.4	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		89.8	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		72	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		81.7	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		88.5	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		82.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		98.8	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		110	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		59	80	80	ug/Kg
67-72-1	Hexachloroethane	1400		73.6	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		75.2	130	170	ug/Kg
78-59-1	Isophorone	1300		68.1	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		95.1	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		99.6	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		78.1	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		77.5	130	170	ug/Kg
65-85-0	Benzoic acid	1600		210	270	330	ug/Kg
91-20-3	Naphthalene	1400		81.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	570		110	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		84	130	170	ug/Kg
105-60-2	Caprolactam	1600		120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		82.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		94.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	PB159185BS	SDG No.:	BP022224
Lab Sample ID:	PB159185BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 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
BP019819.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	3800	E	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		77.1	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		87.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		91.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		84.6	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		99.3	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		88.9	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		88.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		90	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		93.4	130	170	ug/Kg
83-32-9	Acenaphthene	1500		80.3	130	170	ug/Kg
Total PAH	Total PAH	24800		1438.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4200	E	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	3400	E	110	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		76.9	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		189.9	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		99.9	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		85.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		90.4	130	170	ug/Kg
86-73-7	Fluorene	1600		84.8	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		87.8	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		93.3	130	170	ug/Kg
103-33-3	Azobenzene	1500		73.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		97.4	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		98.8	130	170	ug/Kg
1912-24-9	Atrazine	1700		95.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	3400	E	110	270	330	ug/Kg
85-01-8	Phenanthrene	1500		92.7	130	170	ug/Kg
120-12-7	Anthracene	1600		100	130	170	ug/Kg
86-74-8	Carbazole	1600		84.9	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		100	130	170	ug/Kg
206-44-0	Fluoranthene	1600		94.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	PB159185BS	SDG No.:	BP022224
Lab Sample ID:	PB159185BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 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
BP019819.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1100		190	270	330	ug/Kg
129-00-0	Pyrene	1500		83.7	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		83.9	130	170	ug/Kg
218-01-9	Chrysene	1500		86.8	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		120	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		80.3	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		88.1	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		94.3	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	1600		96.5	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		92.5	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		89.4	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		82.9	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		90.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	134.737		18-112		90	SPK: -150
13127-88-3	Phenol-d6	129.778		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	78.492		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	84.625		20-109		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	173.823	*	10-110		116	SPK: -150
1718-51-0	Terphenyl-d14	93.485		14-112		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74714	7.893				
1146-65-2	Naphthalene-d8	308653	10.693				
15067-26-2	Acenaphthene-d10	197368	14.528				
1517-22-2	Phenanthrene-d10	465076	17.287				
1719-03-5	Chrysene-d12	467688	21.38				
1520-96-3	Perylene-d12	490307	23.798				



Report of Analysis

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	PB159185BS	SDG No.:	BP022224
Lab Sample ID:	PB159185BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019819.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

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

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240762-39N-N-FIELD-BLANK-1	SDG No.:	BP022224
Lab Sample ID:	P1462-01	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
BP019820.D	1	2/15/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159054

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:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240762-39N-N-FIELD-BLANK-1	SDG No.:	BP022224
Lab Sample ID:	P1462-01	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
BP019820.D	1	2/15/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159054

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:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240762-39N-N-FIELD-BLANK-1	SDG No.:	BP022224
Lab Sample ID:	P1462-01	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
BP019820.D	1	2/15/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159054

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	32.591		10-139		22	SPK: -150
13127-88-3	Phenol-d6	29.497		10-134		20	SPK: -150
4165-60-0	Nitrobenzene-d5	23.19	*	49-133		23	SPK: -100
321-60-8	2-Fluorobiphenyl	18.659	*	52-132		19	SPK: -100
118-79-6	2,4,6-Tribromophenol	42.593	*	32-145		28	SPK: -150
1718-51-0	Terphenyl-d14	20.725	*	36-145		21	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49526	7.887				
1146-65-2	Naphthalene-d8	188622	10.687				
15067-26-2	Acenaphthene-d10	139321	14.528				
1517-22-2	Phenanthrene-d10	341482	17.286				
1719-03-5	Chrysene-d12	378468	21.38				
1520-96-3	Perylene-d12	426038	23.804				



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

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	20240762-39N-N-FIELD-BLANK-1	SDG No.:	BP022224
Lab Sample ID:	P1462-01	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
BP019820.D	1	2/15/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
031035-07-1	9-Nonadecene	7	J			16.169	
000057-11-4	Octadecanoic acid	100	J			16.516	
000057-10-3	n-Hexadecanoic acid	24.5	J			18.186	
001120-32-7	9-Octadecynoic acid, methyl ester	3.9	J			19.004	
000112-91-4	9-Octadecenitrile, (Z)-	29.9	J			19.033	
000112-80-1	Oleic Acid	7.3	J			19.31	
000544-63-8	Tetradecanoic acid	12.6	J			19.427	
000638-58-4	Tetradecanamide	20.6	J			19.581	
000301-02-0	9-Octadecenamide, (Z)-	290	J			20.551	
000629-54-9	Hexadecanamide	7.2	J			20.645	
1000465-48-0	(Z)-Docos-9-enenitrile	11.6	J			21.139	
106010-22-4	Palmitoleamide	5.6	J			21.498	
000112-84-5	13-Docosenamide, (Z)-	51.4	J			22.527	

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336	SDG No.:	BP022224
Lab Sample ID:	P1549-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019821.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	460	U	460	1600	2000	ug/Kg
110-86-1	Pyridine	430	U	430	770	1000	ug/Kg
100-52-7	Benzaldehyde	880	U	880	1600	2000	ug/Kg
62-53-3	Aniline	690	U	690	770	1000	ug/Kg
108-95-2	Phenol	440	U	440	770	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	530	U	530	770	1000	ug/Kg
95-57-8	2-Chlorophenol	430	U	430	770	1000	ug/Kg
95-50-1	1,2-Dichlorobenzene	480	U	480	770	1000	ug/Kg
541-73-1	1,3-Dichlorobenzene	520	U	520	770	1000	ug/Kg
106-46-7	1,4-Dichlorobenzene	490	U	490	770	1000	ug/Kg
100-51-6	Benzyl Alcohol	590	U	590	1600	2000	ug/Kg
95-48-7	2-Methylphenol	680	U	680	770	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	620	U	620	770	1000	ug/Kg
98-86-2	Acetophenone	510	U	510	770	1000	ug/Kg
65794-96-9	3+4-Methylphenols	640	U	640	1600	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	350	U	350	470	470	ug/Kg
67-72-1	Hexachloroethane	440	U	440	770	1000	ug/Kg
98-95-3	Nitrobenzene	450	U	450	770	1000	ug/Kg
78-59-1	Isophorone	400	U	400	770	1000	ug/Kg
88-75-5	2-Nitrophenol	560	U	560	770	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	590	U	590	770	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	660	U	660	770	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	460	U	460	770	1000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	460	U	460	770	1000	ug/Kg
65-85-0	Benzoic acid	1300	U	1300	1600	2000	ug/Kg
91-20-3	Naphthalene	480	U	480	770	1000	ug/Kg
106-47-8	4-Chloroaniline	620	U	620	770	1000	ug/Kg
87-68-3	Hexachlorobutadiene	500	U	500	770	1000	ug/Kg
105-60-2	Caprolactam	690	U	690	1600	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	490	U	490	770	1000	ug/Kg
91-57-6	2-Methylnaphthalene	560	U	560	770	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336	SDG No.:	BP022224
Lab Sample ID:	P1549-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019821.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1200	U	1200	1600	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	460	U	460	770	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	520	U	520	770	1000	ug/Kg
92-52-4	1,1-Biphenyl	540	U	540	770	1000	ug/Kg
91-58-7	2-Chloronaphthalene	500	U	500	770	1000	ug/Kg
88-74-4	2-Nitroaniline	590	U	590	770	1000	ug/Kg
131-11-3	Dimethylphthalate	530	U	530	770	1000	ug/Kg
208-96-8	Acenaphthylene	520	U	520	770	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	530	U	530	770	1000	ug/Kg
99-09-2	3-Nitroaniline	550	U	550	770	1000	ug/Kg
83-32-9	Acenaphthene	480	U	480	770	1000	ug/Kg
Total PAH	Total PAH	8510	U	8510	770	16000	ug/Kg
51-28-5	2,4-Dinitrophenol	1100	U	1100	1600	2000	ug/Kg
100-02-7	4-Nitrophenol	680	U	680	1600	2000	ug/Kg
132-64-9	Dibenzofuran	460	U	460	770	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	590	U	590	770	1000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	120	U	1120	770	2000	ug/Kg
84-66-2	Diethylphthalate	510	U	510	770	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	540	U	540	770	1000	ug/Kg
86-73-7	Fluorene	500	U	500	770	1000	ug/Kg
100-01-6	4-Nitroaniline	620	U	620	770	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	520	U	520	1600	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	550	U	550	770	1000	ug/Kg
103-33-3	Azobenzene	440	U	440	770	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	580	U	580	770	1000	ug/Kg
118-74-1	Hexachlorobenzene	590	U	590	770	1000	ug/Kg
1912-24-9	Atrazine	570	U	570	770	1000	ug/Kg
87-86-5	Pentachlorophenol	660	U	660	1600	2000	ug/Kg
85-01-8	Phenanthrene	550	U	550	770	1000	ug/Kg
120-12-7	Anthracene	600	U	600	770	1000	ug/Kg
86-74-8	Carbazole	500	U	500	770	1000	ug/Kg
84-74-2	Di-n-butylphthalate	620	U	620	770	1000	ug/Kg
206-44-0	Fluoranthene	560	U	560	770	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336	SDG No.:	BP022224
Lab Sample ID:	P1549-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019821.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1100	U	1100	1600	2000	ug/Kg
129-00-0	Pyrene	500	U	500	770	1000	ug/Kg
85-68-7	Butylbenzylphthalate	610	U	610	770	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	950	U	950	1600	2000	ug/Kg
56-55-3	Benzo(a)anthracene	500	U	500	770	1000	ug/Kg
218-01-9	Chrysene	510	U	510	770	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	680	U	680	770	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	730	U	730	1600	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	480	U	480	770	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	520	U	520	770	1000	ug/Kg
50-32-8	Benzo(a)pyrene	560	U	560	770	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	630	U	630	770	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	570	U	570	770	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	550	U	550	770	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	530	U	530	770	1000	ug/Kg
123-91-1	1,4-Dioxane	690	U	690	770	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	490	U	490	770	1000	ug/Kg
90-12-0	1-Methylnaphthalene	530	U	530	1000	1000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.223		18-112		51	SPK: -150
13127-88-3	Phenol-d6	72.989		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	57.735		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	49.425		20-109		49	SPK: -100
118-79-6	2,4,6-Tribromophenol	118.665		10-110		79	SPK: -150
1718-51-0	Terphenyl-d14	48.134		14-112		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75252	7.893				
1146-65-2	Naphthalene-d8	241445	10.693				
15067-26-2	Acenaphthene-d10	172795	14.528				
1517-22-2	Phenanthrene-d10	412029	17.286				
1719-03-5	Chrysene-d12	463535	21.38				
1520-96-3	Perylene-d12	525145	23.798				

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336	SDG No.:	BP022224
Lab Sample ID:	P1549-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019821.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	980	J			7.975	
013187-99-0	2-Bromo dodecane	1100	J			14.757	
000629-93-6	Octadecane, 1-iodo-	1300	J			16.61	
035507-09-6	7-Hexadecene, (Z)-	1500	J			17.68	
000112-39-0	Hexadecanoic acid, methyl ester	1700	J			17.969	
000057-10-3	n-Hexadecanoic acid	5100	J			18.18	
007206-21-5	5-Octadecene, (E)-	4000	J			19.016	
001330-76-3	Diisooctyl maleate	1100	J			19.322	
000057-11-4	Octadecanoic acid	2200	J			19.422	
000630-02-4	Octacosane	1900	J			19.457	
000141-02-6	2-Butenedioic acid (E)-, bis(2-eth	2800	J			19.763	
	unknown20.504	1300	J			20.504	
1000406-31-8	Eicosane, 1-iodo-	2700	J			20.539	
000630-03-5	Nonacosane	1500	J			20.651	
000629-92-5	Nonadecane	2000	J			21.104	
000593-45-3	Octadecane	1800	J			21.492	
000630-01-3	Hexacosane	1600	J			21.551	
001560-98-1	Octacosane, 2-methyl-	1800	J			22.016	
000112-95-8	Eicosane	4400	J			22.521	
054833-23-7	Eicosane, 10-methyl-	970	J			23.092	

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	10	SDG No.:	BP022224
Lab Sample ID:	P1537-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019822.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	90.2	U	90.2	320	390	ug/Kg
110-86-1	Pyridine	84.5	U	84.5	150	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	320	390	ug/Kg
62-53-3	Aniline	140	U	140	150	200	ug/Kg
108-95-2	Phenol	86.8	U	86.8	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	200	ug/Kg
95-57-8	2-Chlorophenol	84	U	84	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	95.3	U	95.3	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.1	U	96.1	150	200	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	320	390	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	68.8	U	68.8	93.3	93.3	ug/Kg
67-72-1	Hexachloroethane	85.9	U	85.9	150	200	ug/Kg
98-95-3	Nitrobenzene	87.7	U	87.7	150	200	ug/Kg
78-59-1	Isophorone	79.5	U	79.5	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	91.1	U	91.1	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.4	U	90.4	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	320	390	ug/Kg
91-20-3	Naphthalene	95	U	95	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98	U	98	150	200	ug/Kg
105-60-2	Caprolactam	140	U	140	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.3	U	96.3	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	10	SDG No.:	BP022224
Lab Sample ID:	P1537-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019822.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	250	U	250	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90	U	90	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	98.7	U	98.7	150	200	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	150	200	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	93.7	U	93.7	150	200	ug/Kg
Total PAH	Total PAH	2910	U	1666.9	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	320	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	320	390	ug/Kg
132-64-9	Dibenzofuran	89.7	U	89.7	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	150	200	ug/Kg
84-66-2	Diethylphthalate	100	U	100	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	150	200	ug/Kg
86-73-7	Fluorene	98.9	U	98.9	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	200	ug/Kg
103-33-3	Azobenzene	85.8	U	85.8	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	200	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	320	390	ug/Kg
85-01-8	Phenanthrene	340		110	150	200	ug/Kg
120-12-7	Anthracene	120	U	120	150	200	ug/Kg
86-74-8	Carbazole	99.1	U	99.1	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	620		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	10	SDG No.:	BP022224
Lab Sample ID:	P1537-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019822.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	230	U	230	320	390	ug/Kg
129-00-0	Pyrene	490		97.7	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	280		97.9	150	200	ug/Kg
218-01-9	Chrysene	290		100	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	340		93.7	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	260		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	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	160	J	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	96.7	U	96.7	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.537		18-112		66	SPK: -150
13127-88-3	Phenol-d6	94.496		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	63.494		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	60.218		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	130.063		10-110		87	SPK: -150
1718-51-0	Terphenyl-d14	64.187		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70587	7.893				
1146-65-2	Naphthalene-d8	264294	10.693				
15067-26-2	Acenaphthene-d10	184820	14.528				
1517-22-2	Phenanthrene-d10	432573	17.286				
1719-03-5	Chrysene-d12	432004	21.38				
1520-96-3	Perylene-d12	490720	23.798				



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

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	10	SDG No.:	BP022224
Lab Sample ID:	P1537-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019822.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	700	A			5.016	
	unknown14.751	440	J			14.751	
000057-10-3	n-Hexadecanoic acid	540	J			18.186	
000203-64-5	4H-Cyclopenta[def]phenanthrene	140	J			18.339	
000057-11-4	Octadecanoic acid	80.5	J			19.422	
033543-31-6	Fluoranthene, 2-methyl-	85.6	J			20.133	
000295-48-7	Cyclopentadecane	180	J			21.104	
002082-79-3	Benzenepropanoic acid, 3,5-bis(1,1	7400	J			21.545	

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	HT3727	SDG No.:	BP022224
Lab Sample ID:	P1549-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019823.D	2	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	360	440	ug/Kg
110-86-1	Pyridine	96.3	U	96.3	170	230	ug/Kg
100-52-7	Benzaldehyde	200	U	200	360	440	ug/Kg
62-53-3	Aniline	160	U	160	170	230	ug/Kg
108-95-2	Phenol	98.9	U	98.9	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	170	230	ug/Kg
95-57-8	2-Chlorophenol	95.7	U	95.7	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	230	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	360	440	ug/Kg
95-48-7	2-Methylphenol	150	U	150	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	78.5	U	78.5	110	110	ug/Kg
67-72-1	Hexachloroethane	97.9	U	97.9	170	230	ug/Kg
98-95-3	Nitrobenzene	100	U	100	170	230	ug/Kg
78-59-1	Isophorone	90.6	U	90.6	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	170	230	ug/Kg
65-85-0	Benzoic acid	280	U	280	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg
105-60-2	Caprolactam	160	U	160	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	HT3727	SDG No.:	BP022224
Lab Sample ID:	P1549-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019823.D	2	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	280	U	280	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	170	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	230	ug/Kg
Total PAH	Total PAH	2480	U	1930	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	100	U	100	170	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	250	U	250	170	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	230	ug/Kg
86-73-7	Fluorene	110	U	110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	170	230	ug/Kg
103-33-3	Azobenzene	97.7	U	97.7	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	170	230	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	170	230	ug/Kg
1912-24-9	Atrazine	130	U	130	170	230	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	360	440	ug/Kg
85-01-8	Phenanthrene	330		120	170	230	ug/Kg
120-12-7	Anthracene	140	U	140	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	170	230	ug/Kg
206-44-0	Fluoranthene	550		130	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	HT3727	SDG No.:	BP022224
Lab Sample ID:	P1549-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019823.D	2	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	260	U	260	360	440	ug/Kg
129-00-0	Pyrene	460		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	260		110	170	230	ug/Kg
218-01-9	Chrysene	250		120	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	280		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	220	J	130	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	120	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	160	U	160	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.454		18-112		56	SPK: -150
13127-88-3	Phenol-d6	77.852		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	54.812		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	53.186		20-109		53	SPK: -100
118-79-6	2,4,6-Tribromophenol	111.28		10-110		74	SPK: -150
1718-51-0	Terphenyl-d14	61.458		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63599	7.893				
1146-65-2	Naphthalene-d8	234173	10.693				
15067-26-2	Acenaphthene-d10	164841	14.528				
1517-22-2	Phenanthrene-d10	375468	17.286				
1719-03-5	Chrysene-d12	373369	21.38				
1520-96-3	Perylene-d12	425832	23.804				



Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	HT3727	SDG No.:	BP022224
Lab Sample ID:	P1549-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019823.D	2	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	1800	J			18.192	
000203-64-5	4H-Cyclopenta[def]phenanthrene	89.1	J			18.339	
000057-11-4	Octadecanoic acid	280	J			19.422	
000506-30-9	Eicosanoic acid	120	J			20.474	

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	OR-03-022024	SDG No.:	BP022224
Lab Sample ID:	P1547-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.06 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
BP019824.D	2	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	360	440	ug/Kg
110-86-1	Pyridine	95.8	U	95.8	170	220	ug/Kg
100-52-7	Benzaldehyde	200	U	200	360	440	ug/Kg
62-53-3	Aniline	150	U	150	170	220	ug/Kg
108-95-2	Phenol	98.4	U	98.4	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	170	220	ug/Kg
95-57-8	2-Chlorophenol	95.2	U	95.2	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	360	440	ug/Kg
95-48-7	2-Methylphenol	150	U	150	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	78.1	U	78.1	110	110	ug/Kg
67-72-1	Hexachloroethane	97.4	U	97.4	170	220	ug/Kg
98-95-3	Nitrobenzene	99.5	U	99.5	170	220	ug/Kg
78-59-1	Isophorone	90.1	U	90.1	170	220	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	170	220	ug/Kg
65-85-0	Benzoic acid	280	U	280	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg
105-60-2	Caprolactam	150	U	150	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	OR-03-022024	SDG No.:	BP022224
Lab Sample ID:	P1547-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.06 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
BP019824.D	2	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	280	U	280	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	170	220	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	220	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	170	220	ug/Kg
208-96-8	Acenaphthylene	150	J	120	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	6810	U	1890	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	100	U	100	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	250	U	250	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	170	220	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	220	ug/Kg
86-73-7	Fluorene	110	J	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	170	220	ug/Kg
103-33-3	Azobenzene	97.2	U	97.2	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	170	220	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	170	220	ug/Kg
1912-24-9	Atrazine	130	U	130	170	220	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	360	440	ug/Kg
85-01-8	Phenanthrene	770		120	170	220	ug/Kg
120-12-7	Anthracene	280		130	170	220	ug/Kg
86-74-8	Carbazole	110	U	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	170	220	ug/Kg
206-44-0	Fluoranthene	1100		120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	OR-03-022024	SDG No.:	BP022224
Lab Sample ID:	P1547-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019824.D	2	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	260	U	260	360	440	ug/Kg
129-00-0	Pyrene	1100		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	580		110	170	220	ug/Kg
218-01-9	Chrysene	540		110	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	720		110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	120	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	610		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290		140	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	350		120	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	220	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.112		18-112		65	SPK: -150
13127-88-3	Phenol-d6	92.588		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	43.756		18-107		44	SPK: -100
321-60-8	2-Fluorobiphenyl	60.1		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	124.854		10-110		83	SPK: -150
1718-51-0	Terphenyl-d14	69.2		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56073	7.893				
1146-65-2	Naphthalene-d8	304517	10.693				
15067-26-2	Acenaphthene-d10	155558	14.528				
1517-22-2	Phenanthrene-d10	348606	17.287				
1719-03-5	Chrysene-d12	335988	21.38				
1520-96-3	Perylene-d12	376145	23.81				



Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	OR-03-022024	SDG No.:	BP022224
Lab Sample ID:	P1547-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019824.D	2	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000779-02-2	Anthracene, 9-methyl-	130	J			18.157	
000057-10-3	n-Hexadecanoic acid	530	J			18.186	
000203-64-5	4H-Cyclopenta[def]phenanthrene	280	J			18.339	
000781-43-1	9,10-Dimethylanthracene	120	J			19.045	
005737-13-3	Cyclopenta(def)phenanthrenone	190	J			19.18	
027208-37-3	Cyclopenta[cd]pyrene	90	J			21.104	

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	9	SDG No.:	BP022224
Lab Sample ID:	P1537-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
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
BP019825.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	89.3	U	89.3	310	380	ug/Kg
110-86-1	Pyridine	83.6	U	83.6	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	U	86	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	200	ug/Kg
95-57-8	2-Chlorophenol	83.2	U	83.2	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.4	U	94.4	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.2	U	95.2	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	92.4	92.4	ug/Kg
67-72-1	Hexachloroethane	85	U	85	150	200	ug/Kg
98-95-3	Nitrobenzene	86.9	U	86.9	150	200	ug/Kg
78-59-1	Isophorone	78.7	U	78.7	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	90.2	U	90.2	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.5	U	89.5	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	310	380	ug/Kg
91-20-3	Naphthalene	94	U	94	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97	U	97	150	200	ug/Kg
105-60-2	Caprolactam	140	U	140	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.3	U	95.3	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	9	SDG No.:	BP022224
Lab Sample ID:	P1537-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
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
BP019825.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

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	89.1	U	89.1	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	97.7	U	97.7	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	J	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	92.8	U	92.8	150	200	ug/Kg
Total PAH	Total PAH	4540	U	1661.2	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	88.8	U	88.8	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	99.2	U	99.2	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	98	U	98	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	84.9	U	84.9	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	450		110	150	200	ug/Kg
120-12-7	Anthracene	160	J	120	150	200	ug/Kg
86-74-8	Carbazole	98.1	U	98.1	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	830		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	9	SDG No.:	BP022224
Lab Sample ID:	P1537-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
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
BP019825.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	220	U	220	310	380	ug/Kg
129-00-0	Pyrene	800		96.7	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	450		96.9	150	200	ug/Kg
218-01-9	Chrysene	390		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	450		92.8	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	100	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	390		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	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	210		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	95.8	U	95.8	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.491		18-112		57	SPK: -150
13127-88-3	Phenol-d6	79.248		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	53.941		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	50.223		20-109		50	SPK: -100
118-79-6	2,4,6-Tribromophenol	105.674		10-110		70	SPK: -150
1718-51-0	Terphenyl-d14	56.721		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57649	7.899				
1146-65-2	Naphthalene-d8	212257	10.692				
15067-26-2	Acenaphthene-d10	154579	14.533				
1517-22-2	Phenanthrene-d10	344834	17.292				
1719-03-5	Chrysene-d12	325956	21.386				
1520-96-3	Perylene-d12	379984	23.804				



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

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	9	SDG No.:	BP022224
Lab Sample ID:	P1537-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
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
BP019825.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	600	A			5.016	
	unknown14.757	770	J			14.757	
002531-84-2	Phenanthrene, 2-methyl-	150	J			18.157	
000057-10-3	n-Hexadecanoic acid	480	J			18.186	
018791-75-8	4-Bromothiophene-2-aldehyde	270	J			18.345	
004505-48-0	1H-Indene, 2-phenyl-	110	J			18.38	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	96.7	J			18.645	
003674-66-6	Phenanthrene, 2,5-dimethyl-	160	J			19.045	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.186	
1000406-04-6	Pentadecafluorooctanoic acid, hexa	180	J			21.104	

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	8	SDG No.:	BP022224
Lab Sample ID:	P1537-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019826.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	90.6	U	90.6	320	390	ug/Kg
110-86-1	Pyridine	84.8	U	84.8	150	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	320	390	ug/Kg
62-53-3	Aniline	140	U	140	150	200	ug/Kg
108-95-2	Phenol	87.2	U	87.2	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	150	200	ug/Kg
95-57-8	2-Chlorophenol	84.4	U	84.4	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	95.7	U	95.7	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.6	U	96.6	150	200	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	320	390	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	69.1	U	69.1	93.7	93.7	ug/Kg
67-72-1	Hexachloroethane	86.2	U	86.2	150	200	ug/Kg
98-95-3	Nitrobenzene	88.1	U	88.1	150	200	ug/Kg
78-59-1	Isophorone	79.8	U	79.8	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	91.5	U	91.5	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.8	U	90.8	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	320	390	ug/Kg
91-20-3	Naphthalene	95.4	U	95.4	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98.4	U	98.4	150	200	ug/Kg
105-60-2	Caprolactam	140	U	140	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.7	U	96.7	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	8	SDG No.:	BP022224
Lab Sample ID:	P1537-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019826.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	250	U	250	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90.3	U	90.3	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	150	200	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	99.1	U	99.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	150	200	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	94.1	U	94.1	150	200	ug/Kg
Total PAH	Total PAH	3140	U	1679.4	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	320	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	320	390	ug/Kg
132-64-9	Dibenzofuran	90.1	U	90.1	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	150	200	ug/Kg
84-66-2	Diethylphthalate	100	U	100	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	150	200	ug/Kg
86-73-7	Fluorene	99.4	U	99.4	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	200	ug/Kg
103-33-3	Azobenzene	86.1	U	86.1	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	200	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	320	390	ug/Kg
85-01-8	Phenanthrene	320		110	150	200	ug/Kg
120-12-7	Anthracene	120	U	120	150	200	ug/Kg
86-74-8	Carbazole	99.5	U	99.5	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	610		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	8	SDG No.:	BP022224
Lab Sample ID:	P1537-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019826.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	230	U	230	320	390	ug/Kg
129-00-0	Pyrene	550		98.1	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	280		98.3	150	200	ug/Kg
218-01-9	Chrysene	310		100	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	360		94.1	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	100	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	280		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	130	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	J	110	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97.1	U	97.1	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.177		18-112		57	SPK: -150
13127-88-3	Phenol-d6	81.512		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	55.2		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	64.506		20-109		65	SPK: -100
118-79-6	2,4,6-Tribromophenol	114.008		10-110		76	SPK: -150
1718-51-0	Terphenyl-d14	59.637		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93154	7.893				
1146-65-2	Naphthalene-d8	341261	10.693				
15067-26-2	Acenaphthene-d10	242958	14.528				
1517-22-2	Phenanthrene-d10	547214	17.287				
1719-03-5	Chrysene-d12	531074	21.386				
1520-96-3	Perylene-d12	612484	23.81				



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Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	8	SDG No.:	BP022224
Lab Sample ID:	P1537-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019826.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	600	A			5.017	
	unknown14.757	920	J			14.757	
000613-12-7	Anthracene, 2-methyl-	92.6	J			18.157	
000057-10-3	n-Hexadecanoic acid	480	J			18.186	
107426-38-0	Naphtho[2,3-b]norbornadiene	170	J			18.339	
000779-02-2	Anthracene, 9-methyl-	84.8	J			18.381	
000084-65-1	9,10-Anthracenedione	79.3	J			18.686	
000781-43-1	9,10-Dimethylanthracene	89.8	J			19.045	
028034-99-3	[1,1-Biphenyl]-4-ol, 4-chloro-	89.4	J			19.186	
	unknown21.104	160	J			21.104	

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:	CG-MW-23	SDG No.:	BP022224
Lab Sample ID:	P1521-01	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
BP019827.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159196

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:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	CG-MW-23	SDG No.:	BP022224
Lab Sample ID:	P1521-01	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
BP019827.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159196

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:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	CG-MW-23	SDG No.:	BP022224
Lab Sample ID:	P1521-01	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
BP019827.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159196

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	47.431		10-139		32	SPK: -150
13127-88-3	Phenol-d6	25.936		10-134		17	SPK: -150
4165-60-0	Nitrobenzene-d5	79.127		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	76.162		52-132		76	SPK: -100
118-79-6	2,4,6-Tribromophenol	189.107		32-145		126	SPK: -150
1718-51-0	Terphenyl-d14	77.614		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63284	7.893				
1146-65-2	Naphthalene-d8	234806	10.693				
15067-26-2	Acenaphthene-d10	167968	14.534				
1517-22-2	Phenanthrene-d10	393028	17.292				
1719-03-5	Chrysene-d12	404596	21.386				
1520-96-3	Perylene-d12	482213	23.804				



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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:	CG-MW-23	SDG No.:	BP022224
Lab Sample ID:	P1521-01	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
BP019827.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159196

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.7	A			5.016	
959085-02-0	Cyclopropanecarboxylic acid, 2,3-d	2.3	J			12.345	
000050-84-0	Benzoic acid, 2,4-dichloro-	2.4	J			14.598	
000057-10-3	n-Hexadecanoic acid	11.4	J			18.186	
000057-11-4	Octadecanoic acid	2.3	J			19.422	
086711-81-1	2- Chloropropionic acid, hexadecyl	6.4	J			21.104	

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	HT3727	SDG No.:	BP022224
Lab Sample ID:	P1549-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BP019828.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

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:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	HT3727	SDG No.:	BP022224
Lab Sample ID:	P1549-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BP019828.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

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

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	HT3727	SDG No.:	BP022224
Lab Sample ID:	P1549-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BP019828.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

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	87.303		10-139		58	SPK: -150
13127-88-3	Phenol-d6	85.639		10-134		57	SPK: -150
4165-60-0	Nitrobenzene-d5	77.816		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	75.025		52-132		75	SPK: -100
118-79-6	2,4,6-Tribromophenol	155.521		32-145		104	SPK: -150
1718-51-0	Terphenyl-d14	82.792		36-145		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66312	7.893				
1146-65-2	Naphthalene-d8	240006	10.692				
15067-26-2	Acenaphthene-d10	165388	14.533				
1517-22-2	Phenanthrene-d10	392923	17.292				
1719-03-5	Chrysene-d12	420818	21.386				
1520-96-3	Perylene-d12	500293	23.809				

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	HT3727	SDG No.:	BP022224
Lab Sample ID:	P1549-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019828.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

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

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336	SDG No.:	BP022224
Lab Sample ID:	P1549-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BP019829.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

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:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336	SDG No.:	BP022224
Lab Sample ID:	P1549-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BP019829.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

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

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336	SDG No.:	BP022224
Lab Sample ID:	P1549-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BP019829.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

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	106.141		10-139		71	SPK: -150
13127-88-3	Phenol-d6	94.432		10-134		63	SPK: -150
4165-60-0	Nitrobenzene-d5	77.606		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	77.001		52-132		77	SPK: -100
118-79-6	2,4,6-Tribromophenol	161.231		32-145		107	SPK: -150
1718-51-0	Terphenyl-d14	90.76		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72988	7.893				
1146-65-2	Naphthalene-d8	274317	10.693				
15067-26-2	Acenaphthene-d10	193015	14.534				
1517-22-2	Phenanthrene-d10	452308	17.292				
1719-03-5	Chrysene-d12	431576	21.386				
1520-96-3	Perylene-d12	486224	23.81				



Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336	SDG No.:	BP022224
Lab Sample ID:	P1549-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	PH :
		GPC Cleanup :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019829.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

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

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336MS	SDG No.:	BP022224
Lab Sample ID:	P1549-04MS	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
BP019830.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	320		20.2	80	100	ug/L
110-86-1	Pyridine	270		17.8	40	50	ug/L
100-52-7	Benzaldehyde	85.2	J	32.8	80	100	ug/L
62-53-3	Aniline	210		24.2	40	50	ug/L
108-95-2	Phenol	400		14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	460		16.5	40	50	ug/L
95-57-8	2-Chlorophenol	450		13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	350		12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	340		17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	350		14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	440		23.8	80	100	ug/L
95-48-7	2-Methylphenol	420		20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	490		22.6	40	50	ug/L
98-86-2	Acetophenone	460		17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	400		21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	420		19.8	25	25	ug/L
67-72-1	Hexachloroethane	290		16.4	40	50	ug/L
98-95-3	Nitrobenzene	440		17.2	40	50	ug/L
78-59-1	Isophorone	450		17.1	40	50	ug/L
88-75-5	2-Nitrophenol	430		23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	490		29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	460		20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	440		16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	360		17	40	50	ug/L
65-85-0	Benzoic acid	91	J	66.5	80	100	ug/L
91-20-3	Naphthalene	400		16.9	40	50	ug/L
106-47-8	4-Chloroaniline	67.3		25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	330		19.3	40	50	ug/L
105-60-2	Caprolactam	420		34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	440		17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	390		22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336MS	SDG No.:	BP022224
Lab Sample ID:	P1549-04MS	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
BP019830.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	300		57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	460		15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	460		15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	410		17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	400		15.9	40	50	ug/L
88-74-4	2-Nitroaniline	500		23.7	40	50	ug/L
131-11-3	Dimethylphthalate	440		18.8	40	50	ug/L
208-96-8	Acenaphthylene	460		21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	430		21	40	50	ug/L
99-09-2	3-Nitroaniline	310		23.6	40	50	ug/L
83-32-9	Acenaphthene	410		17.2	40	50	ug/L
Total PAH	Total PAH	7030		309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	81.7	J	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	840	E	28	80	100	ug/L
132-64-9	Dibenzofuran	400		15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	850		46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	420		25.4	40	50	ug/L
84-66-2	Diethylphthalate	410		20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	400		22.2	40	50	ug/L
86-73-7	Fluorene	410		20.4	40	50	ug/L
100-01-6	4-Nitroaniline	420		23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	73.5	J	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	460		19.5	40	50	ug/L
103-33-3	Azobenzene	330		16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	430		19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	450		19.1	40	50	ug/L
1912-24-9	Atrazine	520		35	40	50	ug/L
87-86-5	Pentachlorophenol	890	E	25.5	80	100	ug/L
85-01-8	Phenanthrene	450		20	40	50	ug/L
120-12-7	Anthracene	470		22.8	40	50	ug/L
86-74-8	Carbazole	470		17	40	50	ug/L
84-74-2	Di-n-butylphthalate	440		24	40	50	ug/L
206-44-0	Fluoranthene	500		20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336MS	SDG No.:	BP022224
Lab Sample ID:	P1549-04MS	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
BP019830.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	890	E	65.8	80	100	ug/L
129-00-0	Pyrene	440		18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	430		28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	430		53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	450		14.5	40	50	ug/L
218-01-9	Chrysene	450		15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	380		29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	390		31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	440		15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	440		18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	450		27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	430		20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	430		19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	400		19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	410		20.6	40	50	ug/L
123-91-1	1,4-Dioxane	290		24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	520		13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	380		20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	85.188		10-139		57	SPK: -150
13127-88-3	Phenol-d6	108.175		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	86.847		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	75.684		52-132		76	SPK: -100
118-79-6	2,4,6-Tribromophenol	126.815		32-145		85	SPK: -150
1718-51-0	Terphenyl-d14	86.398		36-145		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108684	7.893				
1146-65-2	Naphthalene-d8	384950	10.693				
15067-26-2	Acenaphthene-d10	233659	14.534				
1517-22-2	Phenanthrene-d10	432460	17.292				
1719-03-5	Chrysene-d12	464391	21.386				
1520-96-3	Perylene-d12	538557	23.81				



Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336MS	SDG No.:	BP022224
Lab Sample ID:	P1549-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	PH :
		GPC Cleanup :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019830.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

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

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336MSD	SDG No.:	BP022224
Lab Sample ID:	P1549-04MSD	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
BP019831.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	360		20.2	80	100	ug/L
110-86-1	Pyridine	310		17.8	40	50	ug/L
100-52-7	Benzaldehyde	67.5	J	32.8	80	100	ug/L
62-53-3	Aniline	290		24.2	40	50	ug/L
108-95-2	Phenol	340		14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	390		16.5	40	50	ug/L
95-57-8	2-Chlorophenol	400		13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	380		12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	380		17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	390		14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	410		23.8	80	100	ug/L
95-48-7	2-Methylphenol	390		20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	380		22.6	40	50	ug/L
98-86-2	Acetophenone	390		17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	380		21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	370		19.8	25	25	ug/L
67-72-1	Hexachloroethane	330		16.4	40	50	ug/L
98-95-3	Nitrobenzene	380		17.2	40	50	ug/L
78-59-1	Isophorone	400		17.1	40	50	ug/L
88-75-5	2-Nitrophenol	380		23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	460		29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	390		20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	440		16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	410		17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	400		16.9	40	50	ug/L
106-47-8	4-Chloroaniline	150		25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	410		19.3	40	50	ug/L
105-60-2	Caprolactam	400		34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	440		17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	420		22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336MSD	SDG No.:	BP022224
Lab Sample ID:	P1549-04MSD	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
BP019831.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	280		57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	430		15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	430		15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	380		17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	380		15.9	40	50	ug/L
88-74-4	2-Nitroaniline	440		23.7	40	50	ug/L
131-11-3	Dimethylphthalate	410		18.8	40	50	ug/L
208-96-8	Acenaphthylene	430		21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	400		21	40	50	ug/L
99-09-2	3-Nitroaniline	380		23.6	40	50	ug/L
83-32-9	Acenaphthene	400		17.2	40	50	ug/L
Total PAH	Total PAH	6820		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	740		28	80	100	ug/L
132-64-9	Dibenzofuran	420		15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	440		25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	840		46.4	40	100	ug/L
84-66-2	Diethylphthalate	420		20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	440		22.2	40	50	ug/L
86-73-7	Fluorene	430		20.4	40	50	ug/L
100-01-6	4-Nitroaniline	440		23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	29	J	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	400		19.5	40	50	ug/L
103-33-3	Azobenzene	410		16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	430		19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	440		19.1	40	50	ug/L
1912-24-9	Atrazine	510		35	40	50	ug/L
87-86-5	Pentachlorophenol	530		25.5	80	100	ug/L
85-01-8	Phenanthrene	430		20	40	50	ug/L
120-12-7	Anthracene	440		22.8	40	50	ug/L
86-74-8	Carbazole	430		17	40	50	ug/L
84-74-2	Di-n-butylphthalate	430		24	40	50	ug/L
206-44-0	Fluoranthene	450		20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336MSD	SDG No.:	BP022224
Lab Sample ID:	P1549-04MSD	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
BP019831.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	840	E	65.8	80	100	ug/L
129-00-0	Pyrene	440		18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	430		28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	410		53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	440		14.5	40	50	ug/L
218-01-9	Chrysene	430		15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	410		29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	390		31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	430		15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	430		18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	440		27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	420		20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	420		19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	390		19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	410		20.6	40	50	ug/L
123-91-1	1,4-Dioxane	310		24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	560		13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	400		20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	103.802		10-139		69	SPK: -150
13127-88-3	Phenol-d6	95.64		10-134		64	SPK: -150
4165-60-0	Nitrobenzene-d5	76.814		49-133		77	SPK: -100
321-60-8	2-Fluorobiphenyl	74.036		52-132		74	SPK: -100
118-79-6	2,4,6-Tribromophenol	153.854		32-145		103	SPK: -150
1718-51-0	Terphenyl-d14	88.265		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92411	7.893				
1146-65-2	Naphthalene-d8	344973	10.693				
15067-26-2	Acenaphthene-d10	245705	14.533				
1517-22-2	Phenanthrene-d10	568993	17.292				
1719-03-5	Chrysene-d12	552156	21.386				
1520-96-3	Perylene-d12	620071	23.809				

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	336MSD	SDG No.:	BP022224
Lab Sample ID:	P1549-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BP019831.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159213

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

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	CONCRETE-SLAB	SDG No.:	BP022224
Lab Sample ID:	P1560-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 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
BP019832.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46.3	U	46.3	160	200	ug/Kg
110-86-1	Pyridine	43.4	U	43.4	77.9	100	ug/Kg
100-52-7	Benzaldehyde	88.7	U	88.7	160	200	ug/Kg
62-53-3	Aniline	70.1	U	70.1	77.9	100	ug/Kg
108-95-2	Phenol	44.6	U	44.6	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.8	U	53.8	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	43.1	U	43.1	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	49	U	49	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	53	U	53	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	49.4	U	49.4	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	59.2	U	59.2	160	200	ug/Kg
95-48-7	2-Methylphenol	68.3	U	68.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.9	U	62.9	77.9	100	ug/Kg
98-86-2	Acetophenone	51.9	U	51.9	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	64.7	U	64.7	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	35.4	U	35.4	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	44.1	U	44.1	77.9	100	ug/Kg
98-95-3	Nitrobenzene	45.1	U	45.1	77.9	100	ug/Kg
78-59-1	Isophorone	40.8	U	40.8	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	57	U	57	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	59.7	U	59.7	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	67.1	U	67.1	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	46.8	U	46.8	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	46.4	U	46.4	77.9	100	ug/Kg
65-85-0	Benzoic acid	130	U	130	160	200	ug/Kg
91-20-3	Naphthalene	48.8	U	48.8	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	62.9	U	62.9	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	50.3	U	50.3	77.9	100	ug/Kg
105-60-2	Caprolactam	70.1	U	70.1	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.4	U	49.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	56.9	U	56.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	CONCRETE-SLAB	SDG No.:	BP022224
Lab Sample ID:	P1560-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 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
BP019832.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	130	U	130	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.2	U	46.2	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.7	U	52.7	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	54.7	U	54.7	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	50.7	U	50.7	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	59.5	U	59.5	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	53.3	U	53.3	77.9	100	ug/Kg
208-96-8	Acenaphthylene	53	U	53	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.9	U	53.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.1	U	48.1	77.9	100	ug/Kg
Total PAH	Total PAH	861	U	861	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	160	200	ug/Kg
100-02-7	4-Nitrophenol	68.3	U	68.3	160	200	ug/Kg
132-64-9	Dibenzofuran	46.1	U	46.1	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113.8	U	113.8	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.9	U	59.9	77.9	100	ug/Kg
84-66-2	Diethylphthalate	51.5	U	51.5	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.2	U	54.2	77.9	100	ug/Kg
86-73-7	Fluorene	50.8	U	50.8	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	62.3	U	62.3	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	52.6	U	52.6	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.9	U	55.9	77.9	100	ug/Kg
103-33-3	Azobenzene	44	U	44	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58.4	U	58.4	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	59.2	U	59.2	77.9	100	ug/Kg
1912-24-9	Atrazine	57.2	U	57.2	77.9	100	ug/Kg
87-86-5	Pentachlorophenol	66.5	U	66.5	160	200	ug/Kg
85-01-8	Phenanthrene	55.5	U	55.5	77.9	100	ug/Kg
120-12-7	Anthracene	61.1	U	61.1	77.9	100	ug/Kg
86-74-8	Carbazole	50.9	U	50.9	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	62.3	U	62.3	77.9	100	ug/Kg
206-44-0	Fluoranthene	56.6	U	56.6	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	CONCRETE-SLAB	SDG No.:	BP022224
Lab Sample ID:	P1560-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 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
BP019832.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	120	U	120	160	200	ug/Kg
129-00-0	Pyrene	50.1	U	50.1	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	61.7	U	61.7	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	96.5	U	96.5	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	50.3	U	50.3	77.9	100	ug/Kg
218-01-9	Chrysene	52	U	52	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	68.9	U	68.9	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	73.7	U	73.7	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.1	U	48.1	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.8	U	52.8	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	56.5	U	56.5	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64.1	U	64.1	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57.8	U	57.8	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.4	U	55.4	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53.6	U	53.6	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	70.1	U	70.1	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.7	U	49.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.034		18-112		55	SPK: -150
13127-88-3	Phenol-d6	81.709		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	56.371		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	55.34		20-109		55	SPK: -100
118-79-6	2,4,6-Tribromophenol	80.949		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	65.837		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72161	7.893				
1146-65-2	Naphthalene-d8	273750	10.693				
15067-26-2	Acenaphthene-d10	200519	14.528				
1517-22-2	Phenanthrene-d10	468114	17.287				
1719-03-5	Chrysene-d12	484557	21.386				
1520-96-3	Perylene-d12	555417	23.804				

Report of Analysis

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	CONCRETE-SLAB	SDG No.:	BP022224
Lab Sample ID:	P1560-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019832.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159212

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

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	RBR20010	SDG No.:	BP022224
Lab Sample ID:	P1560-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019833.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	47.3	U	47.3	170	200	ug/Kg
110-86-1	Pyridine	44.3	U	44.3	79.5	100	ug/Kg
100-52-7	Benzaldehyde	90.5	U	90.5	170	200	ug/Kg
62-53-3	Aniline	71.6	U	71.6	79.5	100	ug/Kg
108-95-2	Phenol	45.5	U	45.5	79.5	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.9	U	54.9	79.5	100	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	79.5	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50	U	50	79.5	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.1	U	54.1	79.5	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	50.4	U	50.4	79.5	100	ug/Kg
100-51-6	Benzyl Alcohol	60.4	U	60.4	170	200	ug/Kg
95-48-7	2-Methylphenol	69.7	U	69.7	79.5	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64.2	U	64.2	79.5	100	ug/Kg
98-86-2	Acetophenone	53	U	53	79.5	100	ug/Kg
65794-96-9	3+4-Methylphenols	66.1	U	66.1	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	36.1	U	36.1	48.9	48.9	ug/Kg
67-72-1	Hexachloroethane	45	U	45	79.5	100	ug/Kg
98-95-3	Nitrobenzene	46	U	46	79.5	100	ug/Kg
78-59-1	Isophorone	41.7	U	41.7	79.5	100	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	79.5	100	ug/Kg
105-67-9	2,4-Dimethylphenol	60.9	U	60.9	79.5	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	68.5	U	68.5	79.5	100	ug/Kg
120-83-2	2,4-Dichlorophenol	47.8	U	47.8	79.5	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	47.4	U	47.4	79.5	100	ug/Kg
65-85-0	Benzoic acid	130	U	130	170	200	ug/Kg
91-20-3	Naphthalene	49.8	U	49.8	79.5	100	ug/Kg
106-47-8	4-Chloroaniline	64.2	U	64.2	79.5	100	ug/Kg
87-68-3	Hexachlorobutadiene	51.4	U	51.4	79.5	100	ug/Kg
105-60-2	Caprolactam	71.6	U	71.6	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.5	U	50.5	79.5	100	ug/Kg
91-57-6	2-Methylnaphthalene	58	U	58	79.5	100	ug/Kg

Report of Analysis

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	RBR20010	SDG No.:	BP022224
Lab Sample ID:	P1560-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019833.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	130	U	130	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.2	U	47.2	79.5	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53.8	U	53.8	79.5	100	ug/Kg
92-52-4	1,1-Biphenyl	55.8	U	55.8	79.5	100	ug/Kg
91-58-7	2-Chloronaphthalene	51.7	U	51.7	79.5	100	ug/Kg
88-74-4	2-Nitroaniline	60.7	U	60.7	79.5	100	ug/Kg
131-11-3	Dimethylphthalate	54.4	U	54.4	79.5	100	ug/Kg
208-96-8	Acenaphthylene	54.1	U	54.1	79.5	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	79.5	100	ug/Kg
99-09-2	3-Nitroaniline	57.1	U	57.1	79.5	100	ug/Kg
83-32-9	Acenaphthene	49.1	U	49.1	79.5	100	ug/Kg
Total PAH	Total PAH	879	U	879	79.5	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	170	200	ug/Kg
100-02-7	4-Nitrophenol	69.7	U	69.7	170	200	ug/Kg
132-64-9	Dibenzofuran	47	U	47	79.5	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.1	U	61.1	79.5	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.1	U	116.1	79.5	200	ug/Kg
84-66-2	Diethylphthalate	52.5	U	52.5	79.5	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.3	U	55.3	79.5	100	ug/Kg
86-73-7	Fluorene	51.9	U	51.9	79.5	100	ug/Kg
100-01-6	4-Nitroaniline	63.6	U	63.6	79.5	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	53.7	U	53.7	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.1	U	57.1	79.5	100	ug/Kg
103-33-3	Azobenzene	45	U	45	79.5	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59.6	U	59.6	79.5	100	ug/Kg
118-74-1	Hexachlorobenzene	60.4	U	60.4	79.5	100	ug/Kg
1912-24-9	Atrazine	58.3	U	58.3	79.5	100	ug/Kg
87-86-5	Pentachlorophenol	67.9	U	67.9	170	200	ug/Kg
85-01-8	Phenanthrene	56.7	U	56.7	79.5	100	ug/Kg
120-12-7	Anthracene	62.4	U	62.4	79.5	100	ug/Kg
86-74-8	Carbazole	51.9	U	51.9	79.5	100	ug/Kg
84-74-2	Di-n-butylphthalate	63.6	U	63.6	79.5	100	ug/Kg
206-44-0	Fluoranthene	57.7	U	57.7	79.5	100	ug/Kg

Report of Analysis

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	RBR20010	SDG No.:	BP022224
Lab Sample ID:	P1560-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019833.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	120	U	120	170	200	ug/Kg
129-00-0	Pyrene	51.2	U	51.2	79.5	100	ug/Kg
85-68-7	Butylbenzylphthalate	63	U	63	79.5	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	51.3	U	51.3	79.5	100	ug/Kg
218-01-9	Chrysene	53.1	U	53.1	79.5	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	70.3	U	70.3	79.5	100	ug/Kg
117-84-0	Di-n-octyl phthalate	75.2	U	75.2	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	49.1	U	49.1	79.5	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.9	U	53.9	79.5	100	ug/Kg
50-32-8	Benzo(a)pyrene	57.7	U	57.7	79.5	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	65.4	U	65.4	79.5	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	79.5	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56.6	U	56.6	79.5	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.7	U	54.7	79.5	100	ug/Kg
123-91-1	1,4-Dioxane	71.6	U	71.6	79.5	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.7	U	50.7	79.5	100	ug/Kg
90-12-0	1-Methylnaphthalene	55.2	U	55.2	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.689		18-112		54	SPK: -150
13127-88-3	Phenol-d6	82.404		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	57.527		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	58.251		20-109		58	SPK: -100
118-79-6	2,4,6-Tribromophenol	103.535		10-110		69	SPK: -150
1718-51-0	Terphenyl-d14	68.118		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71431	7.893				
1146-65-2	Naphthalene-d8	268192	10.693				
15067-26-2	Acenaphthene-d10	186912	14.528				
1517-22-2	Phenanthrene-d10	421032	17.287				
1719-03-5	Chrysene-d12	419130	21.38				
1520-96-3	Perylene-d12	478966	23.804				



Report of Analysis

Client:		Date Collected:	2/21/2024 12:00:00 AM
Project:		Date Received:	2/21/2024 12:00:00 AM
Client Sample ID:	RBR20010	SDG No.:	BP022224
Lab Sample ID:	P1560-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019833.D	1	2/22/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159212

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.017	
000057-10-3	n-Hexadecanoic acid	80.5	J			18.181	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	51.8	J			19.68	
016980-85-1	Pentacos-1-ene	130	J			21.104	

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:	CG-MW-23-Q	SDG No.:	BP022224
Lab Sample ID:	P1521-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019834.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159196

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.1	U	2.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.8	U	1.8	4.1	5.1	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8.2	10.2	ug/L
62-53-3	Aniline	2.5	U	2.5	4.1	5.1	ug/L
108-95-2	Phenol	1.5	U	1.5	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8.2	10.2	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4.1	5.1	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.7	U	1.7	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.8	U	1.8	4.1	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.1	U	2.1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4.1	5.1	ug/L
65-85-0	Benzoic acid	6.8	U	6.8	8.2	10.2	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	2.6	U	2.6	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	2	U	2	4.1	5.1	ug/L
105-60-2	Caprolactam	3.5	U	3.5	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	2.3	U	2.3	4.1	5.1	ug/L

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:	CG-MW-23-Q	SDG No.:	BP022224
Lab Sample ID:	P1521-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019834.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159196

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.9	U	5.9	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	1.6	U	1.6	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4.1	5.1	ug/L
208-96-8	Acenaphthylene	2.2	U	2.2	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	1.8	U	1.8	4.1	5.1	ug/L
Total PAH	Total PAH	31.5	U	31.5	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	5.6	U	5.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2.9	U	2.9	8.2	10.2	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4.1	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	2.6	U	2.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.7	U	4.7	4.1	10.2	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.3	U	2.3	4.1	5.1	ug/L
86-73-7	Fluorene	2.1	U	2.1	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4.1	5.1	ug/L
103-33-3	Azobenzene	1.7	U	1.7	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4.1	5.1	ug/L
1912-24-9	Atrazine	3.6	U	3.6	4.1	5.1	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8.2	10.2	ug/L
85-01-8	Phenanthrene	2	U	2	4.1	5.1	ug/L
120-12-7	Anthracene	2.3	U	2.3	4.1	5.1	ug/L
86-74-8	Carbazole	1.7	U	1.7	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4.1	5.1	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4.1	5.1	ug/L

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:	CG-MW-23-Q	SDG No.:	BP022224
Lab Sample ID:	P1521-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019834.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159196

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.7	U	6.7	8.2	10.2	ug/L
129-00-0	Pyrene	1.9	U	1.9	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.9	U	2.9	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	5.5	U	5.5	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4.1	5.1	ug/L
218-01-9	Chrysene	1.6	U	1.6	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	3.2	U	3.2	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	2.8	U	2.8	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	2	U	2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	2.5	U	2.5	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	55.089		10-139		37	SPK: -150
13127-88-3	Phenol-d6	30.351		10-134		20	SPK: -150
4165-60-0	Nitrobenzene-d5	87.148		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	83.701		52-132		84	SPK: -100
118-79-6	2,4,6-Tribromophenol	178.395		32-145		119	SPK: -150
1718-51-0	Terphenyl-d14	82.777		36-145		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65875	7.893				
1146-65-2	Naphthalene-d8	228888	10.693				
15067-26-2	Acenaphthene-d10	160737	14.528				
1517-22-2	Phenanthrene-d10	377791	17.287				
1719-03-5	Chrysene-d12	402338	21.386				
1520-96-3	Perylene-d12	468807	23.804				

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:	CG-MW-23-Q	SDG No.:	BP022224
Lab Sample ID:	P1521-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	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
BP019834.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159196

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000503-74-2	Butanoic acid, 3-methyl-	7.8	J			4.811	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.2	A			5.017	
000110-89-4	Piperidine	3.9	J			6.128	
000464-48-2	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	2.4	J			10.111	
054947-39-6	Cyclopropanecarboxylic acid, butyl	2.4	J			12.346	
000057-10-3	n-Hexadecanoic acid	10.8	J			18.186	
000057-11-4	Octadecanoic acid	3.3	J			19.422	
000593-49-7	Heptacosane	3	J			20.651	
000112-88-9	1-Octadecene	6.5	J			21.104	
007225-64-1	Heptadecane, 9-octyl-	7.2	J			23.098	

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:	CG-MW-17-CH3	SDG No.:	BP022224
Lab Sample ID:	P1521-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019835.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159196

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.1	U	2.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.8	U	1.8	4.1	5.2	ug/L
100-52-7	Benzaldehyde	3.4	U	3.4	8.2	10.3	ug/L
62-53-3	Aniline	3.1	J	2.5	4.1	5.2	ug/L
108-95-2	Phenol	8.1		1.5	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	2.5	U	2.5	8.2	10.3	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4.1	5.2	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	2000	E	2.2	8.2	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.7	U	1.7	4.1	5.2	ug/L
98-95-3	Nitrobenzene	1.8	U	1.8	4.1	5.2	ug/L
78-59-1	Isophorone	1.8	U	1.8	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2.5	U	2.5	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	3.1	U	3.1	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.1	U	2.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.8	U	1.8	4.1	5.2	ug/L
65-85-0	Benzoic acid	17.8		6.9	8.2	10.3	ug/L
91-20-3	Naphthalene	9.1		1.7	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	2.6	U	2.6	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	2	U	2	4.1	5.2	ug/L
105-60-2	Caprolactam	3.5	U	3.5	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	2.3	U	2.3	4.1	5.2	ug/L

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:	CG-MW-17-CH3	SDG No.:	BP022224
Lab Sample ID:	P1521-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019835.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159196

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.9	U	5.9	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	1.6	U	1.6	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4.1	5.2	ug/L
208-96-8	Acenaphthylene	2.2	U	2.2	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	2.2	U	2.2	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	1.8	U	1.8	4.1	5.2	ug/L
Total PAH	Total PAH	31.8	U	31.8	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	5.6	U	5.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.9	U	2.9	8.2	10.3	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4.1	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	2.6	U	2.6	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.8	U	4.8	4.1	10.4	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.3	U	2.3	4.1	5.2	ug/L
86-73-7	Fluorene	2.1	U	2.1	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.4	U	2.4	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.9	U	1.9	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4.1	5.2	ug/L
103-33-3	Azobenzene	1.7	U	1.7	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	2	U	2	4.1	5.2	ug/L
1912-24-9	Atrazine	3.6	U	3.6	4.1	5.2	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8.2	10.3	ug/L
85-01-8	Phenanthrene	2.1	U	2.1	4.1	5.2	ug/L
120-12-7	Anthracene	2.4	U	2.4	4.1	5.2	ug/L
86-74-8	Carbazole	1.8	U	1.8	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	2.5	U	2.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4.1	5.2	ug/L

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:	CG-MW-17-CH3	SDG No.:	BP022224
Lab Sample ID:	P1521-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019835.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159196

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.8	U	6.8	8.2	10.3	ug/L
129-00-0	Pyrene	1.9	U	1.9	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.9	U	2.9	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	5.5	U	5.5	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4.1	5.2	ug/L
218-01-9	Chrysene	1.6	U	1.6	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	3.2	U	3.2	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	2.8	U	2.8	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.2	U	2.2	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	2	U	2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	2.5	U	2.5	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	4.1	5.2	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	63.412		10-139		42	SPK: -150
13127-88-3	Phenol-d6	41.279		10-134		28	SPK: -150
4165-60-0	Nitrobenzene-d5	79.741		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	76.797		52-132		77	SPK: -100
118-79-6	2,4,6-Tribromophenol	148.839		32-145		99	SPK: -150
1718-51-0	Terphenyl-d14	73.182		36-145		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78268	7.893				
1146-65-2	Naphthalene-d8	293559	10.693				
15067-26-2	Acenaphthene-d10	209134	14.534				
1517-22-2	Phenanthrene-d10	479189	17.286				
1719-03-5	Chrysene-d12	463626	21.386				
1520-96-3	Perylene-d12	519174	23.81				

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:	CG-MW-17-CH3	SDG No.:	BP022224
Lab Sample ID:	P1521-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019835.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159196

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000503-74-2	Butanoic acid, 3-methyl-	33.4	J			4.893	
000116-53-0	Butanoic acid, 2-methyl-	19.8	J			5.016	
000149-57-5	Hexanoic acid, 2-ethyl-	39.6	J			9.263	
000123-07-9	Phenol, 4-ethyl-	81.1	J			10.134	
000103-82-2	Benzeneacetic acid	21.6	J			11.298	
000501-52-0	Hydrocinnamic acid	79.3	J			12.575	
000057-10-3	n-Hexadecanoic acid	18.7	J			18.192	
1000336-66-8	6-Octadecenoic acid	9.5	J			19.316	
000057-11-4	Octadecanoic acid	7.2	J			19.422	

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	1	SDG No.:	BP022224
Lab Sample ID:	P1537-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019836.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	87.5	U	87.5	310	370	ug/Kg
110-86-1	Pyridine	81.9	U	81.9	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	84.2	U	84.2	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	190	ug/Kg
95-57-8	2-Chlorophenol	81.5	U	81.5	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.5	U	92.5	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	93.3	U	93.3	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	98.1	U	98.1	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	66.8	U	66.8	90.5	90.5	ug/Kg
67-72-1	Hexachloroethane	83.3	U	83.3	150	190	ug/Kg
98-95-3	Nitrobenzene	85.1	U	85.1	150	190	ug/Kg
78-59-1	Isophorone	77.1	U	77.1	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	88.4	U	88.4	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	87.7	U	87.7	150	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	310	370	ug/Kg
91-20-3	Naphthalene	92.1	U	92.1	150	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	95.1	U	95.1	150	190	ug/Kg
105-60-2	Caprolactam	130	U	130	310	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.4	U	93.4	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	1	SDG No.:	BP022224
Lab Sample ID:	P1537-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019836.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

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	87.3	U	87.3	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99.5	U	99.5	150	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	95.7	U	95.7	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	90.9	U	90.9	150	190	ug/Kg
Total PAH	Total PAH	4120	U	1627.5	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	U	87	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	97.2	U	97.2	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	190	ug/Kg
86-73-7	Fluorene	96	U	96	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99.4	U	99.4	310	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	190	ug/Kg
103-33-3	Azobenzene	83.2	U	83.2	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	300		100	150	190	ug/Kg
120-12-7	Anthracene	120	U	120	150	190	ug/Kg
86-74-8	Carbazole	96.1	U	96.1	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	190	ug/Kg
206-44-0	Fluoranthene	800		110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
Project:		Date Received:	2/20/2024 12:00:00 AM
Client Sample ID:	1	SDG No.:	BP022224
Lab Sample ID:	P1537-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019836.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	220	U	220	310	370	ug/Kg
129-00-0	Pyrene	660		94.7	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	340		95	150	190	ug/Kg
218-01-9	Chrysene	370		98.2	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	540		90.9	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	99.7	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	410		110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		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	290		100	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	93.8	U	93.8	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.718		18-112		50	SPK: -150
13127-88-3	Phenol-d6	70.486		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	47.704		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	43.465		20-109		43	SPK: -100
118-79-6	2,4,6-Tribromophenol	95.643		10-110		64	SPK: -150
1718-51-0	Terphenyl-d14	49.026		14-112		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77792	7.893				
1146-65-2	Naphthalene-d8	285326	10.693				
15067-26-2	Acenaphthene-d10	202507	14.528				
1517-22-2	Phenanthrene-d10	475589	17.292				
1719-03-5	Chrysene-d12	462292	21.386				
1520-96-3	Perylene-d12	522600	23.804				



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

Report of Analysis

Client:		Date Collected:	2/20/2024 12:00:00 AM
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Client Sample ID:	1	SDG No.:	BP022224
Lab Sample ID:	P1537-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019836.D	1	2/21/2024 12:00:00 AM	2/22/2024 12:00:00 AM	PB159185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000096-47-9	Furan, tetrahydro-2-methyl-	1500	J			3.128	
000556-82-1	Prenol	150	J			4.07	
098277-76-0	Ether, 2-chloro-1-methylethyl isop	220	J			4.64	
004435-53-4	1-Butanol, 3-methoxy-, acetate	120	J			4.693	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	510	A			5.017	
000057-10-3	n-Hexadecanoic acid	260	J			18.186	
000203-64-5	4H-Cyclopenta[def]phenanthrene	95.4	J			18.345	
	unknown21.104	130	J			21.104	

Hit Summary Sheet

SW-846

SDG No.: BP022224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	20240762-39N-N-FIELD-BLANK-1							
P1462-01	20240762-39N-N-FIELD	Water	(Z)-Docos-9-enenitrile	*	11.600	J		
P1462-01	20240762-39N-N-FIELD	Water	13-Docosenamide, (Z)-	*	51.400	J		
P1462-01	20240762-39N-N-FIELD	Water	9-Nonadecene	*	7.000	J		
P1462-01	20240762-39N-N-FIELD	Water	9-Octadecenamide, (Z)-	*	290.000	J		
P1462-01	20240762-39N-N-FIELD	Water	9-Octadecenitrile, (Z)-	*	29.900	J		
P1462-01	20240762-39N-N-FIELD	Water	9-Octadecynoic acid, methyl ester	*	3.900	J		
P1462-01	20240762-39N-N-FIELD	Water	Hexadecanamide	*	7.200	J		
P1462-01	20240762-39N-N-FIELD	Water	n-Hexadecanoic acid	*	24.500	J		
P1462-01	20240762-39N-N-FIELD	Water	Octadecanoic acid	*	100.000	J		
P1462-01	20240762-39N-N-FIELD	Water	Oleic Acid	*	7.300	J		
P1462-01	20240762-39N-N-FIELD	Water	Palmitoleamide	*	5.600	J		
P1462-01	20240762-39N-N-FIELD	Water	Tetradecanamide	*	20.600	J		
P1462-01	20240762-39N-N-FIELD	Water	Tetradecanoic acid	*	12.600	J		
Total Tics :					571.60			
Total Concentration:					571.60			
Client ID :	CG-MW-23							
P1521-01	CG-MW-23	Water	2- Chloropropionic acid, hexadecy	*	6.400	J		
P1521-01	CG-MW-23	Water	2-Pentanone, 4-hydroxy-4-methyl	*	5.700	A		
P1521-01	CG-MW-23	Water	Benzoic acid, 2,4-dichloro-	*	2.400	J		
P1521-01	CG-MW-23	Water	Cyclopropanecarboxylic acid, 2,3-	*	2.300	J		
P1521-01	CG-MW-23	Water	n-Hexadecanoic acid	*	11.400	J		
P1521-01	CG-MW-23	Water	Octadecanoic acid	*	2.300	J		
Total Tics :					30.50			
Total Concentration:					30.50			
Client ID :	CG-MW-23-Q							
P1521-02	CG-MW-23-Q	Water	1-Octadecene	*	6.500	J		
P1521-02	CG-MW-23-Q	Water	2-Pentanone, 4-hydroxy-4-methyl	*	6.200	A		
P1521-02	CG-MW-23-Q	Water	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	*	2.400	J		
P1521-02	CG-MW-23-Q	Water	Butanoic acid, 3-methyl-	*	7.800	J		
P1521-02	CG-MW-23-Q	Water	Cyclopropanecarboxylic acid,buty	*	2.400	J		
P1521-02	CG-MW-23-Q	Water	Heptacosane	*	3.000	J		
P1521-02	CG-MW-23-Q	Water	Heptadecane, 9-octyl-	*	7.200	J		
P1521-02	CG-MW-23-Q	Water	n-Hexadecanoic acid	*	10.800	J		
P1521-02	CG-MW-23-Q	Water	Octadecanoic acid	*	3.300	J		
P1521-02	CG-MW-23-Q	Water	Piperidine	*	3.900	J		
Total Tics :					53.50			
Total Concentration:					53.50			
Client ID :	CG-MW-17-CH3							

Hit Summary Sheet SW-846

SDG No.: BP022224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P1521-04	CG-MW-17-CH3	Water	6-Octadecenoic acid	*	9.500	J		
P1521-04	CG-MW-17-CH3	Water	Benzeneacetic acid	*	21.600	J		
P1521-04	CG-MW-17-CH3	Water	Butanoic acid, 2-methyl-	*	19.800	J		
P1521-04	CG-MW-17-CH3	Water	Butanoic acid, 3-methyl-	*	33.400	J		
P1521-04	CG-MW-17-CH3	Water	Hexanoic acid, 2-ethyl-	*	39.600	J		
P1521-04	CG-MW-17-CH3	Water	Hydrocinnamic acid	*	79.300	J		
P1521-04	CG-MW-17-CH3	Water	n-Hexadecanoic acid	*	18.700	J		
P1521-04	CG-MW-17-CH3	Water	Octadecanoic acid	*	7.200	J		
P1521-04	CG-MW-17-CH3	Water	Phenol, 4-ethyl-	*	81.100	J		
Total Tics :					310.20			
P1521-04	CG-MW-17-CH3	Water	3+4-Methylphenols	2,000.000	E	2.2	10.3	ug/L
P1521-04	CG-MW-17-CH3	Water	Aniline	3.100	J	2.5	5.2	ug/L
P1521-04	CG-MW-17-CH3	Water	Benzoic acid	17.800		6.9	10.3	ug/L
P1521-04	CG-MW-17-CH3	Water	Naphthalene	9.100		1.7	5.2	ug/L
P1521-04	CG-MW-17-CH3	Water	Phenol	8.100		1.5	5.2	ug/L
Total Svoc :					2,038.10			
Total Concentration:					2,348.30			
Client ID : 1								
P1537-01	1	Solid	1-Butanol, 3-methoxy-, acetate	*	120.000	J		
P1537-01	1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	510.000	A		
P1537-01	1	Solid	4H-Cyclopenta[def]phenanthrene	*	95.400	J		
P1537-01	1	Solid	Ether, 2-chloro-1-methylethyl isop	*	220.000	J		
P1537-01	1	Solid	Furan, tetrahydro-2-methyl-	*	1,500.000	J		
P1537-01	1	Solid	n-Hexadecanoic acid	*	260.000	J		
P1537-01	1	Solid	Prenol	*	150.000	J		
P1537-01	1	Solid	unknown21.104	*	130.000	J		
Total Tics :					2,985.40			
P1537-01	1	Solid	Benzo(a)anthracene		340.000	95	190	ug/Kg
P1537-01	1	Solid	Benzo(a)pyrene		410.000	110	190	ug/Kg
P1537-01	1	Solid	Benzo(b)fluoranthene		540.000	90.9	190	ug/Kg
P1537-01	1	Solid	Benzo(g,h,i)perylene		290.000	100	190	ug/Kg
P1537-01	1	Solid	Benzo(k)fluoranthene	J	170.000	99.7	190	ug/Kg
P1537-01	1	Solid	Chrysene		370.000	98.2	190	ug/Kg
P1537-01	1	Solid	Fluoranthene		800.000	110	190	ug/Kg
P1537-01	1	Solid	Indeno(1,2,3-cd)pyrene		240.000	120	190	ug/Kg
P1537-01	1	Solid	Phenanthrene		300.000	100	190	ug/Kg
P1537-01	1	Solid	Pyrene		660.000	94.7	190	ug/Kg
Total Svoc :					4,120.00			
Total Concentration:					7,105.40			
Client ID : 8								
P1537-08	8	Solid	[1,1-Biphenyl]-4-ol, 4-chloro-	*	89.400	J		

Hit Summary Sheet SW-846

SDG No.: BP022224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1537-08	8	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	600.000	A		
P1537-08	8	Solid	9,10-Anthracenedione	*	79.300	J		
P1537-08	8	Solid	9,10-Dimethylanthracene	*	89.800	J		
P1537-08	8	Solid	Anthracene, 2-methyl-	*	92.600	J		
P1537-08	8	Solid	Anthracene, 9-methyl-	*	84.800	J		
P1537-08	8	Solid	n-Hexadecanoic acid	*	480.000	J		
P1537-08	8	Solid	Naphtho[2,3-b]norbornadiene	*	170.000	J		
P1537-08	8	Solid	unknown14.757	*	920.000	J		
P1537-08	8	Solid	unknown21.104	*	160.000	J		
Total Tics :					2,765.90			
P1537-08	8	Solid	Benzo(a)anthracene		280.000		98.3	200 ug/Kg
P1537-08	8	Solid	Benzo(a)pyrene		280.000		110	200 ug/Kg
P1537-08	8	Solid	Benzo(b)fluoranthene		360.000		94.1	200 ug/Kg
P1537-08	8	Solid	Benzo(g,h,i)perylene		180.000	J	110	200 ug/Kg
P1537-08	8	Solid	Benzo(k)fluoranthene		110.000	J	100	200 ug/Kg
P1537-08	8	Solid	Chrysene		310.000		100	200 ug/Kg
P1537-08	8	Solid	Fluoranthene		610.000		110	200 ug/Kg
P1537-08	8	Solid	Indeno(1,2,3-cd)pyrene		140.000	J	130	200 ug/Kg
P1537-08	8	Solid	Phenanthrene		320.000		110	200 ug/Kg
P1537-08	8	Solid	Pyrene		550.000		98.1	200 ug/Kg
Total Svoc :					3,140.00			
Total Concentration:					5,905.90			
Client ID : 9								
P1537-09	9	Solid	1H-Indene, 2-phenyl-	*	110.000	J		
P1537-09	9	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	600.000	A		
P1537-09	9	Solid	4-Bromothiophene-2-aldehyde	*	270.000	J		
P1537-09	9	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	96.700	J		
P1537-09	9	Solid	Cyclopenta(def)phenanthrenone	*	120.000	J		
P1537-09	9	Solid	n-Hexadecanoic acid	*	480.000	J		
P1537-09	9	Solid	Pentadecafluorooctanoic acid, hex	*	180.000	J		
P1537-09	9	Solid	Phenanthrene, 2,5-dimethyl-	*	160.000	J		
P1537-09	9	Solid	Phenanthrene, 2-methyl-	*	150.000	J		
P1537-09	9	Solid	unknown14.757	*	770.000	J		
Total Tics :					2,936.70			
P1537-09	9	Solid	Acenaphthylene		100.000	J	100	200 ug/Kg
P1537-09	9	Solid	Anthracene		160.000	J	120	200 ug/Kg
P1537-09	9	Solid	Benzo(a)anthracene		450.000		96.9	200 ug/Kg
P1537-09	9	Solid	Benzo(a)pyrene		390.000		110	200 ug/Kg
P1537-09	9	Solid	Benzo(b)fluoranthene		450.000		92.8	200 ug/Kg
P1537-09	9	Solid	Benzo(g,h,i)perylene		210.000		110	200 ug/Kg
P1537-09	9	Solid	Benzo(k)fluoranthene		140.000	J	100	200 ug/Kg
P1537-09	9	Solid	Chrysene		390.000		100	200 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP022224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1537-09	9	Solid	Fluoranthene	830.000		110	200	ug/Kg
P1537-09	9	Solid	Indeno(1,2,3-cd)pyrene	170.000	J	120	200	ug/Kg
P1537-09	9	Solid	Phenanthrene	450.000		110	200	ug/Kg
P1537-09	9	Solid	Pyrene	800.000		96.7	200	ug/Kg
Total Svoc :				4,540.00				
Total Concentration:				7,476.70				
Client ID : 10								
P1537-10	10	Solid	2-Pentanone, 4-hydroxy-4-methyl *	700.000	A			
P1537-10	10	Solid	4H-Cyclopenta[def]phenanthrene *	140.000	J			
P1537-10	10	Solid	Benzenepropanoic acid, 3,5-bis(1, *	7,400.000	J			
P1537-10	10	Solid	Cyclopentadecane *	180.000	J			
P1537-10	10	Solid	Fluoranthene, 2-methyl-	85.600	J			
P1537-10	10	Solid	n-Hexadecanoic acid *	540.000	J			
P1537-10	10	Solid	Octadecanoic acid *	80.500	J			
P1537-10	10	Solid	unknown14.751 *	440.000	J			
Total Tics :				9,566.10				
P1537-10	10	Solid	Benzo(a)anthracene	280.000		97.9	200	ug/Kg
P1537-10	10	Solid	Benzo(a)pyrene	260.000		110	200	ug/Kg
P1537-10	10	Solid	Benzo(b)fluoranthene	340.000		93.7	200	ug/Kg
P1537-10	10	Solid	Benzo(g,h,i)perylene	160.000	J	110	200	ug/Kg
P1537-10	10	Solid	Chrysene	290.000		100	200	ug/Kg
P1537-10	10	Solid	Fluoranthene	620.000		110	200	ug/Kg
P1537-10	10	Solid	Indeno(1,2,3-cd)pyrene	130.000	J	120	200	ug/Kg
P1537-10	10	Solid	Phenanthrene	340.000		110	200	ug/Kg
P1537-10	10	Solid	Pyrene	490.000		97.7	200	ug/Kg
Total Svoc :				2,910.00				
Total Concentration:				12,476.10				
Client ID : OR-03-022024								
P1547-01	OR-03-022024	Solid	4H-Cyclopenta[def]phenanthrene *	280.000	J			
P1547-01	OR-03-022024	Solid	9,10-Dimethylanthracene *	120.000	J			
P1547-01	OR-03-022024	Solid	Anthracene, 9-methyl-	130.000	J			
P1547-01	OR-03-022024	Solid	Cyclopenta(def)phenanthrenone *	190.000	J			
P1547-01	OR-03-022024	Solid	Cyclopenta[cd]pyrene *	90.000	J			
P1547-01	OR-03-022024	Solid	n-Hexadecanoic acid *	530.000	J			
Total Tics :				1,340.00				
P1547-01	OR-03-022024	Solid	Acenaphthylene	150.000	J	120	220	ug/Kg
P1547-01	OR-03-022024	Solid	Anthracene	280.000		130	220	ug/Kg
P1547-01	OR-03-022024	Solid	Benzo(a)anthracene	580.000		110	220	ug/Kg
P1547-01	OR-03-022024	Solid	Benzo(a)pyrene	610.000		120	220	ug/Kg
P1547-01	OR-03-022024	Solid	Benzo(b)fluoranthene	720.000		110	220	ug/Kg
P1547-01	OR-03-022024	Solid	Benzo(g,h,i)perylene	350.000		120	220	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP022224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1547-01	OR-03-022024	Solid	Benzo(k)fluoranthene	210.000	J	120	220	ug/Kg
P1547-01	OR-03-022024	Solid	Chrysene	540.000		110	220	ug/Kg
P1547-01	OR-03-022024	Solid	Fluoranthene	1,100.000		120	220	ug/Kg
P1547-01	OR-03-022024	Solid	Fluorene	110.000	J	110	220	ug/Kg
P1547-01	OR-03-022024	Solid	Indeno(1,2,3-cd)pyrene	290.000		140	220	ug/Kg
P1547-01	OR-03-022024	Solid	Phenanthrene	770.000		120	220	ug/Kg
P1547-01	OR-03-022024	Solid	Pyrene	1,100.000		110	220	ug/Kg
Total Svoc :				6,810.00				
Total Concentration:				8,150.00				
Client ID : HT3727								
P1549-01	HT3727	Solid	4H-Cyclopenta[def]phenanthrene	*	89.100	J		
P1549-01	HT3727	Solid	Eicosanoic acid	*	120.000	J		
P1549-01	HT3727	Solid	n-Hexadecanoic acid	*	1,800.000	J		
P1549-01	HT3727	Solid	Octadecanoic acid	*	280.000	J		
Total Tics :				2,289.10				
P1549-01	HT3727	Solid	Benzo(a)anthracene		260.000	110	230	ug/Kg
P1549-01	HT3727	Solid	Benzo(a)pyrene		220.000	J 130	230	ug/Kg
P1549-01	HT3727	Solid	Benzo(b)fluoranthene		280.000	110	230	ug/Kg
P1549-01	HT3727	Solid	Benzo(g,h,i)perylene		130.000	J 120	230	ug/Kg
P1549-01	HT3727	Solid	Chrysene		250.000	120	230	ug/Kg
P1549-01	HT3727	Solid	Fluoranthene		550.000	130	230	ug/Kg
P1549-01	HT3727	Solid	Phenanthrene		330.000	120	230	ug/Kg
P1549-01	HT3727	Solid	Pyrene		460.000	110	230	ug/Kg
Total Svoc :				2,480.00				
Total Concentration:				4,769.10				
Client ID : 336								
P1549-03	336	Solid	1-Hexanol, 2-ethyl-	*	980.000	J		
P1549-03	336	Solid	2-Bromo dodecane	*	1,100.000	J		
P1549-03	336	Solid	2-Butenedioic acid (E)-, bis(2-eth	*	2,800.000	J		
P1549-03	336	Solid	5-Octadecene, (E)-	*	4,000.000	J		
P1549-03	336	Solid	7-Hexadecene, (Z)-	*	1,500.000	J		
P1549-03	336	Solid	Diisooctyl maleate	*	1,100.000	J		
P1549-03	336	Solid	Eicosane	*	4,400.000	J		
P1549-03	336	Solid	Eicosane, 1-iodo-	*	2,700.000	J		
P1549-03	336	Solid	Eicosane, 10-methyl-	*	970.000	J		
P1549-03	336	Solid	Hexacosane	*	1,600.000	J		
P1549-03	336	Solid	Hexadecanoic acid, methyl ester	*	1,700.000	J		
P1549-03	336	Solid	n-Hexadecanoic acid	*	5,100.000	J		
P1549-03	336	Solid	Nonacosane	*	1,500.000	J		
P1549-03	336	Solid	Nonadecane	*	2,000.000	J		
P1549-03	336	Solid	Octacosane	*	1,900.000	J		

Hit Summary Sheet
SW-846

SDG No.: BP022224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1549-03	336	Solid	Octacosane, 2-methyl-	*	1,800.000	J		
P1549-03	336	Solid	Octadecane	*	1,800.000	J		
P1549-03	336	Solid	Octadecane, 1-iodo-	*	1,300.000	J		
P1549-03	336	Solid	Octadecanoic acid	*	2,200.000	J		
P1549-03	336	Solid	unknown20.504	*	1,300.000	J		
Total Tics :					41,750.00			
Total Concentration:					41,750.00			
Client ID : RBR20010								
P1560-01	RBR20010	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		
P1560-01	RBR20010	Solid	n-Hexadecanoic acid	*	80.500	J		
P1560-01	RBR20010	Solid	Pentacos-1-ene	*	130.000	J		
P1560-01	RBR20010	Solid	Phenol, 4,4-(1-methylethylidene)b	*	51.800	J		
Total Tics :					392.30			
Total Concentration:					392.30			



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.: BP022224 SAS No.: BP022224 SDG NO.: BP022224EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 22 2024 12:00AMLab File ID: BP019496.D Time Analyzed: 11:20Instrument 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	PB159185BL	68638	7.89	242129	10.69	153009	14.53
02	PB159185BS	74714	7.89	308653	10.69	197368	14.53
03	20240762-39N-N-FIELD-BLANK-1	49526 *	7.89	188622 *	10.69	139321	14.53
04	336	75252	7.89	241445	10.69	172795	14.53
05	10	70587	7.89	264294	10.69	184820	14.53
06	HT3727	63599	7.89	234173	10.69	164841	14.53
07	OR-03-022024	56073	7.89	304517	10.69	155558	14.53
08	9	57649	7.90	212257 *	10.69	154579	14.53
09	8	93154	7.89	341261	10.69	242958	14.53
10	CG-MW-23	63284	7.89	234806	10.69	167968	14.53
11	HT3727	66312	7.89	240006	10.69	165388	14.53
12	336	72988	7.89	274317	10.69	193015	14.53
13	336MS	108684	7.89	384950	10.69	233659	14.53
14	336MSD	92411	7.89	344973	10.69	245705	14.53
15	CONCRETE-SLAB	72161	7.89	273750	10.69	200519	14.53
16	RBR20010	71431	7.89	268192	10.69	186912	14.53
17	CG-MW-23-Q	65875	7.89	228888	10.69	160737	14.53
18	CG-MW-17-CH3	78268	7.89	293559	10.69	209134	14.53
19	1	77792	7.89	285326	10.69	202507	14.53

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP022224 SAS No.: BP022224 SDG NO.: BP022224

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 22 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 21:46

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.: BP022224 SAS No.: BP022224 SDG NO.: BP022224EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 22 2024 12:00AMLab File ID: BP019817.D Time Analyzed: 11:20Instrument 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	62422	7.893	235757	10.69	166113	14.53
	UPPER LIMIT	124844	8.393	471514	11.193	332226	15.028
	LOWER LIMIT	31211	7.393	117878.5	10.193	83056.5	14.028
	EPA SAMPLE NO.						
01	PB159185BL	68638	7.89	242129	10.69	153009	14.53
02	PB159185BS	74714	7.89	308653	10.69	197368	14.53
03	20240762-39N-N-FIELD-BLANK-1	49526	7.89	188622	10.69	139321	14.53
04	336	75252	7.89	241445	10.69	172795	14.53
05	10	70587	7.89	264294	10.69	184820	14.53
06	HT3727	63599	7.89	234173	10.69	164841	14.53
07	OR-03-022024	56073	7.89	304517	10.69	155558	14.53
08	9	57649	7.90	212257	10.69	154579	14.53
09	8	93154	7.89	341261	10.69	242958	14.53
10	CG-MW-23	63284	7.89	234806	10.69	167968	14.53
11	HT3727	66312	7.89	240006	10.69	165388	14.53
12	336	72988	7.89	274317	10.69	193015	14.53
13	336MS	108684	7.89	384950	10.69	233659	14.53
14	336MSD	92411	7.89	344973	10.69	245705	14.53
15	CONCRETE-SLAB	72161	7.89	273750	10.69	200519	14.53
16	RBR20010	71431	7.89	268192	10.69	186912	14.53
17	CG-MW-23-Q	65875	7.89	228888	10.69	160737	14.53
18	CG-MW-17-CH3	78268	7.89	293559	10.69	209134	14.53
19	1	77792	7.89	285326	10.69	202507	14.53



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP022224 SAS No.: BP022224 SDG NO.: BP022224

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 22 2024 12:00AM

Lab File ID: BP019817.D Time Analyzed: 21:46

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	62422	7.893	235757	10.69	166113	14.53
UPPER LIMIT	124844	8.393	471514	11.193	332226	15.028
LOWER LIMIT	31211	7.393	117878.5	10.193	83056.5	14.028
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.



8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BP022224 SAS No.: BP022224 SDG NO.: BP022224EPA Sample No.: SSTDICCC040Date Analyzed: Feb 22 2024 12:00AMLab File ID: BP019496.DTime Analyzed: 11:20Instrument ID: BNA_PGC 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	PB159185BL	368792	17.29	398587	21.38	456344	23.80
02	PB159185BS	465076	17.29	467688	21.38	490307	23.80
03	20240762-39N-N-FIELD-BLANK	341482	17.29	378468	21.38	426038	23.80
04	336	412029	17.29	463535	21.38	525145	23.80
05	10	432573	17.29	432004	21.38	490720	23.80
06	HT3727	375468	17.29	373369	21.38	425832	23.80
07	OR-03-022024	348606	17.29	335988	21.38	376145	23.81
08	9	344834	17.29	325956	21.39	379984	23.80
09	8	547214	17.29	531074	21.39	612484	23.81
10	CG-MW-23	393028	17.29	404596	21.39	482213	23.80
11	HT3727	392923	17.29	420818	21.39	500293	23.81
12	336	452308	17.29	431576	21.39	486224	23.81
13	336MS	432460	17.29	464391	21.39	538557	23.81
14	336MSD	568993	17.29	552156	21.39	620071	23.81
15	CONCRETE-SLAB	468114	17.29	484557	21.39	555417	23.80
16	RBR20010	421032	17.29	419130	21.38	478966	23.80
17	CG-MW-23-Q	377791	17.29	402338	21.39	468807	23.80
18	CG-MW-17-CH3	479189	17.29	463626	21.39	519174	23.81
19	1	475589	17.29	462292	21.39	522600	23.80

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP022224 SAS No.: BP022224 SDG NO.: BP022224

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 22 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 21:46

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.



8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP022224 SAS No.: BP022224 SDG NO.: BP022224

EPA Sample No.: SSTDCCC040

Date Analyzed: Feb 22 2024 12:00AM

Lab File ID: BP019817.D

Time Analyzed: 11:20

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	400001	17.286	412074	21.38	463960	23.798
UPPER LIMIT	800002	17.786	824148	21.88	927920	24.298
LOWER LIMIT	200000.5	16.786	206037	20.88	231980	23.298
EPA SAMPLE NO.						
01 PB159185BL	368792	17.29	398587	21.38	456344	23.80
02 PB159185BS	465076	17.29	467688	21.38	490307	23.80
03 20240762-39N-N-FIELD-BLANK	341482	17.29	378468	21.38	426038	23.80
04 336	412029	17.29	463535	21.38	525145	23.80
05 10	432573	17.29	432004	21.38	490720	23.80
06 HT3727	375468	17.29	373369	21.38	425832	23.80
07 OR-03-022024	348606	17.29	335988	21.38	376145	23.81
08 9	344834	17.29	325956	21.39	379984	23.80
09 8	547214	17.29	531074	21.39	612484	23.81
10 CG-MW-23	393028	17.29	404596	21.39	482213	23.80
11 HT3727	392923	17.29	420818	21.39	500293	23.81
12 336	452308	17.29	431576	21.39	486224	23.81
13 336MS	432460	17.29	464391	21.39	538557	23.81
14 336MSD	568993	17.29	552156	21.39	620071	23.81
15 CONCRETE-SLAB	468114	17.29	484557	21.39	555417	23.80
16 RBR20010	421032	17.29	419130	21.38	478966	23.80
17 CG-MW-23-Q	377791	17.29	402338	21.39	468807	23.80
18 CG-MW-17-CH3	479189	17.29	463626	21.39	519174	23.81
19 1	475589	17.29	462292	21.39	522600	23.80

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP022224 SAS No.: BP022224 SDG NO.: BP022224

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 22 2024 12:00AM

Lab File ID: BP019817.D Time Analyzed: 21:46

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	400001	17.286	412074	21.38	463960	23.798
UPPER LIMIT	800002	17.786	824148	21.88	927920	24.298
LOWER LIMIT	200000.5	16.786	206037	20.88	231980	23.298
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.: BP022224

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159185BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	720	ug/Kg	42				10	147	
	Aniline	1700	920	ug/Kg	54				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				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	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1300	ug/Kg	76				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1300	ug/Kg	76				57	101	
	Isophorone	1700	1300	ug/Kg	76				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				67	119	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				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	1600	ug/Kg	94				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	570	ug/Kg	34				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3800	ug/Kg	115				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	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	24800	ug/Kg	91				57	104	
	2,4-Dinitrophenol	3300	4200	ug/Kg	127				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.: BP022224

Client:

Analytical Method: 8270E

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB159185BS	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitro	3400	3300	ug/Kg	97				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				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	1900	ug/Kg	112				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1500	ug/Kg	88				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	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	1100	ug/Kg	33				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				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	1400	ug/Kg	82				63	111	
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				70	108	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				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	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1900	ug/Kg	112		*		59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

20240762-39N-N-FIEL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP022224SAS No.: BP022224 SDG NO.: BP022224Lab File ID: BP019820.DLab Sample ID: P1462-01Instrument ID: BNA_PDate Extracted: 02/15/2024Matrix: (soil/water) WaterDate Analyzed: 02/22/2024Level: (low/med) LOWTime Analyzed: 12:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
20240762-39N-N-FIELD-BLANK-1	P1462-01	BP019820.D	02/22/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159185BL

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM

Case No.: BP022224

SAS No.: BP022224

SDG NO.: BP022224

Lab File ID: BP019818.D

Lab Sample ID: PB159185BL

Instrument ID: BNA_P

Date Extracted: 02/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 02/22/2024

Level: (low/med) LOW

Time Analyzed: 11:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159185BS	PB159185BS	BP019819.D	02/22/2024
1	P1537-01	BP019836.D	02/22/2024
336	P1549-03	BP019821.D	02/22/2024
10	P1537-10	BP019822.D	02/22/2024
HT3727	P1549-01	BP019823.D	02/22/2024
OR-03-022024	P1547-01	BP019824.D	02/22/2024
9	P1537-09	BP019825.D	02/22/2024
8	P1537-08	BP019826.D	02/22/2024

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

CG-MW-23

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP022224SAS No.: BP022224 SDG NO.: BP022224Lab File ID: BP019827.DLab Sample ID: P1521-01Instrument ID: BNA_PDate Extracted: 02/21/2024Matrix: (soil/water) WaterDate Analyzed: 02/22/2024Level: (low/med) LOWTime Analyzed: 16:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
CG-MW-23	P1521-01	BP019827.D	02/22/2024
CG-MW-23-Q	P1521-02	BP019834.D	02/22/2024
CG-MW-17-CH3	P1521-04	BP019835.D	02/22/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

CONCRETE-SLAB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP022224SAS No.: BP022224 SDG NO.: BP022224Lab File ID: BP019832.DLab Sample ID: P1560-03Instrument ID: BNA_PDate Extracted: 02/22/2024Matrix: (soil/water) SolidDate Analyzed: 02/22/2024Level: (low/med) LOWTime Analyzed: 19:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
CONCRETE-SLAB	P1560-03	BP019832.D	02/22/2024
RBR20010	P1560-01	BP019833.D	02/22/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

HT3727

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP022224SAS No.: BP022224 SDG NO.: BP022224Lab File ID: BP019828.DLab Sample ID: P1549-02Instrument ID: BNA_PDate Extracted: 02/22/2024Matrix: (soil/water) waterDate Analyzed: 02/22/2024Level: (low/med) LOWTime Analyzed: 17:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
HT3727	P1549-02	BP019828.D	02/22/2024
336	P1549-04	BP019829.D	02/22/2024
336MS	P1549-04MS	BP019830.D	02/22/2024
336MSD	P1549-04MSD	BP019831.D	02/22/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP022224

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample	Result	Units	Rec	Rec	RPD	RPD	Low	Limits		RPD
		Result				Qual		Qual		High		
Lab Sample ID:	P1549-04MS	Client Sample ID:	336MS					DataFile:	BP019830.D			
n-Nitrosodimethylamine	500		320	ug/L	64				10	130		
Pyridine	500		270	ug/L	54				10	109		
Benzaldehyde	500		85.2	ug/L	17				10	137		
Aniline	500		210	ug/L	42				10	130		
Phenol	500		400	ug/L	80				10	130		
bis(2-Chloroethyl)ether	500		460	ug/L	92				29	141		
2-Chlorophenol	500		450	ug/L	90				23	127		
1,2-Dichlorobenzene	500		350	ug/L	70				61	114		
1,3-Dichlorobenzene	500		340	ug/L	68				65	106		
1,4-Dichlorobenzene	500		350	ug/L	70				55	125		
Benzyl Alcohol	500		440	ug/L	88				31	94		
2-Methylphenol	500		420	ug/L	84				23	132		
2,2-oxybis(1-Chloropropane)	500		490	ug/L	98				36	141		
Acetophenone	500		460	ug/L	92				31	164		
3+4-Methylphenols	500		400	ug/L	80				17	136		
N-Nitroso-di-n-propylamine	500		420	ug/L	84				36	147		
Hexachloroethane	500		290	ug/L	58				35	137		
Nitrobenzene	500		440	ug/L	88				40	134		
Isophorone	500		450	ug/L	90				39	146		
2-Nitrophenol	500		430	ug/L	86				30	148		
2,4-Dimethylphenol	500		490	ug/L	98				17	143		
bis(2-Chloroethoxy)methane	500		460	ug/L	92				39	143		
2,4-Dichlorophenol	500		440	ug/L	88				22	146		
1,2,4-Trichlorobenzene	500		360	ug/L	72				66	110		
Benzoic acid	500		91	ug/L	18				10	101		
Naphthalene	500		400	ug/L	80				17	157		
4-Chloroaniline	500		67.3	ug/L	13				10	95		
Hexachlorobutadiene	500		330	ug/L	66				52	125		
Caprolactam	500		420	ug/L	84				10	130		
4-Chloro-3-methylphenol	500		440	ug/L	88				17	148		
2-Methylnaphthalene	500		390	ug/L	78				38	146		
Hexachlorocyclopentadiene	1000		300	ug/L	30				20	153		
2,4,6-Trichlorophenol	500		460	ug/L	92				46	139		
2,4,5-Trichlorophenol	500		460	ug/L	92				42	129		
1,1-Biphenyl	500		410	ug/L	82				38	154		
2-Chloronaphthalene	500		400	ug/L	80				41	145		
2-Nitroaniline	500		500	ug/L	100				39	151		
Dimethylphthalate	500		440	ug/L	88				42	147		
Acenaphthylene	500		460	ug/L	92				40	141		
2,6-Dinitrotoluene	500		430	ug/L	86				43	148		
3-Nitroaniline	500		310	ug/L	62				10	111		
Acenaphthene	500		410	ug/L	82				37	146		
Total PAH	8000		7030	ug/L	88				37	146		
2,4-Dinitrophenol	1000		81.7	ug/L	8	*			14	167		
4-Nitrophenol	1000		840	ug/L	84				10	130		
Dibenzofuran	500		400	ug/L	80				41	145		
2,4-Dinitrotoluene	500		420	ug/L	84				40	151		

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP022224

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		850	ug/L	85				40	151	
Diethylphthalate	500		410	ug/L	82				41	148	
4-Chlorophenyl-phenylether	500		400	ug/L	80				38	149	
Fluorene	500		410	ug/L	82				39	144	
4-Nitroaniline	500		420	ug/L	84				27	138	
4,6-Dinitro-2-methylphenol	500		73.5	ug/L	15	*			32	175	
N-Nitrosodiphenylamine	500		460	ug/L	92				40	150	
Azobenzene	500		330	ug/L	66	*			72	112	
4-Bromophenyl-phenylether	500		430	ug/L	86				42	151	
Hexachlorobenzene	500		450	ug/L	90				60	129	
Atrazine	500		520	ug/L	104				20	162	
Pentachlorophenol	1000		890	ug/L	89				15	137	
Phenanthrene	500		450	ug/L	90				40	147	
Anthracene	500		470	ug/L	94				41	146	
Carbazole	500		470	ug/L	94				37	154	
Di-n-butylphthalate	500		440	ug/L	88				40	151	
Fluoranthene	500		500	ug/L	100				42	146	
Benzidine	1000		890	ug/L	89				10	130	
Pyrene	500		440	ug/L	88				41	149	
Butylbenzylphthalate	500		430	ug/L	86				39	155	
3,3-Dichlorobenzidine	500		430	ug/L	86				10	114	
Benzo(a)anthracene	500		450	ug/L	90				41	147	
Chrysene	500		450	ug/L	90				44	144	
bis(2-Ethylhexyl)phthalate	500		380	ug/L	76				33	160	
Di-n-octyl phthalate	500		390	ug/L	78				36	158	
Benzo(b)fluoranthene	500		440	ug/L	88				40	150	
Benzo(k)fluoranthene	500		440	ug/L	88				40	147	
Benzo(a)pyrene	500		450	ug/L	90				42	147	
Indeno(1,2,3-cd)pyrene	500		430	ug/L	86				30	166	
Dibenz(a,h)anthracene	500		430	ug/L	86				23	172	
Benzo(g,h,i)perylene	500		400	ug/L	80				27	167	
1,2,4,5-Tetrachlorobenzene	500		410	ug/L	82	*			89	102	
1,4-Dioxane	500		290	ug/L	58				38	130	
2,3,4,6-Tetrachlorophenol	500		520	ug/L	104				91	111	
1-Methylnaphthalene	500		380	ug/L	76				25	151	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP022224

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1549-04MSD	Client Sample ID:	336MSD					DataFile:	BP019831.D		
n-Nitrosodimethylamine	500		360	ug/L	72		12		10	130	20
Pyridine	500		310	ug/L	62		14		10	109	20
Benzaldehyde	500		67.5	ug/L	14		19		10	137	20
Aniline	500		290	ug/L	58		32	*	10	130	20
Phenol	500		340	ug/L	68		16		10	130	20
bis(2-Chloroethyl)ether	500		390	ug/L	78		16		29	141	20
2-Chlorophenol	500		400	ug/L	80		12		23	127	20
1,2-Dichlorobenzene	500		380	ug/L	76		8		61	114	20
1,3-Dichlorobenzene	500		380	ug/L	76		11		65	106	20
1,4-Dichlorobenzene	500		390	ug/L	78		11		55	125	20
Benzyl Alcohol	500		410	ug/L	82		7		31	94	20
2-Methylphenol	500		390	ug/L	78		7		23	132	20
2,2-oxybis(1-Chloropropane)	500		380	ug/L	76		25	*	36	141	20
Acetophenone	500		390	ug/L	78		16		31	164	20
3+4-Methylphenols	500		380	ug/L	76		5		17	136	20
N-Nitroso-di-n-propylamine	500		370	ug/L	74		13		36	147	20
Hexachloroethane	500		330	ug/L	66		13		35	137	20
Nitrobenzene	500		380	ug/L	76		15		40	134	20
Isophorone	500		400	ug/L	80		12		39	146	20
2-Nitrophenol	500		380	ug/L	76		12		30	148	20
2,4-Dimethylphenol	500		460	ug/L	92		6		17	143	20
bis(2-Chloroethoxy)methane	500		390	ug/L	78		16		39	143	20
2,4-Dichlorophenol	500		440	ug/L	88		0		22	146	20
1,2,4-Trichlorobenzene	500		410	ug/L	82		13		66	110	20
Benzoic acid	500		0	ug/L	0	*	200	*	10	101	20
Naphthalene	500		400	ug/L	80		0		17	157	20
4-Chloroaniline	500		150	ug/L	30		79	*	10	95	20
Hexachlorobutadiene	500		410	ug/L	82		22	*	52	125	20
Caprolactam	500		400	ug/L	80		5		10	130	20
4-Chloro-3-methylphenol	500		440	ug/L	88		0		17	148	20
2-Methylnaphthalene	500		420	ug/L	84		7		38	146	20
Hexachlorocyclopentadiene	1000		280	ug/L	28		7		20	153	20
2,4,6-Trichlorophenol	500		430	ug/L	86		7		46	139	20
2,4,5-Trichlorophenol	500		430	ug/L	86		7		42	129	20
1,1-Biphenyl	500		380	ug/L	76		8		38	154	20
2-Chloronaphthalene	500		380	ug/L	76		5		41	145	20
2-Nitroaniline	500		440	ug/L	88		13		39	151	20
Dimethylphthalate	500		410	ug/L	82		7		42	147	20
Acenaphthylene	500		430	ug/L	86		7		40	141	20
2,6-Dinitrotoluene	500		400	ug/L	80		7		43	148	20
3-Nitroaniline	500		380	ug/L	76		20		10	111	20
Acenaphthene	500		400	ug/L	80		2		37	146	20
Total PAH	8000		6820	ug/L	85		3		37	146	20
2,4-Dinitrophenol	1000		0	ug/L	0	*	200	*	14	167	20
4-Nitrophenol	1000		740	ug/L	74		13		10	130	20
Dibenzofuran	500		420	ug/L	84		5		41	145	20
2,4-Dinitrotoluene	500		440	ug/L	88		5		40	151	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP022224

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		840	ug/L	84		1		40	151	20
Diethylphthalate	500		420	ug/L	84		2		41	148	20
4-Chlorophenyl-phenylether	500		440	ug/L	88		10		38	149	20
Fluorene	500		430	ug/L	86		5		39	144	20
4-Nitroaniline	500		440	ug/L	88		5		27	138	20
4,6-Dinitro-2-methylphenol	500		29	ug/L	6	*	86	*	32	175	20
N-Nitrosodiphenylamine	500		400	ug/L	80		14		40	150	20
Azobenzene	500		410	ug/L	82		22	*	72	112	20
4-Bromophenyl-phenylether	500		430	ug/L	86		0		42	151	20
Hexachlorobenzene	500		440	ug/L	88		2		60	129	20
Atrazine	500		510	ug/L	102		2		20	162	20
Pentachlorophenol	1000		530	ug/L	53		51	*	15	137	20
Phenanthrene	500		430	ug/L	86		5		40	147	20
Anthracene	500		440	ug/L	88		7		41	146	20
Carbazole	500		430	ug/L	86		9		37	154	20
Di-n-butylphthalate	500		430	ug/L	86		2		40	151	20
Fluoranthene	500		450	ug/L	90		11		42	146	20
Benzidine	1000		840	ug/L	84		6		10	130	20
Pyrene	500		440	ug/L	88		0		41	149	20
Butylbenzylphthalate	500		430	ug/L	86		0		39	155	20
3,3-Dichlorobenzidine	500		410	ug/L	82		5		10	114	20
Benzo(a)anthracene	500		440	ug/L	88		2		41	147	20
Chrysene	500		430	ug/L	86		5		44	144	20
bis(2-Ethylhexyl)phthalate	500		410	ug/L	82		8		33	160	20
Di-n-octyl phthalate	500		390	ug/L	78		0		36	158	20
Benzo(b)fluoranthene	500		430	ug/L	86		2		40	150	20
Benzo(k)fluoranthene	500		430	ug/L	86		2		40	147	20
Benzo(a)pyrene	500		440	ug/L	88		2		42	147	20
Indeno(1,2,3-cd)pyrene	500		420	ug/L	84		2		30	166	20
Dibenz(a,h)anthracene	500		420	ug/L	84		2		23	172	20
Benzo(g,h,i)perylene	500		390	ug/L	78		3		27	167	20
1,2,4,5-Tetrachlorobenzene	500		410	ug/L	82	*	0		89	102	20
1,4-Dioxane	500		310	ug/L	62		7		38	130	20
2,3,4,6-Tetrachlorophenol	500		560	ug/L	112	*	7		91	111	20
1-Methylnaphthalene	500		400	ug/L	80		5		25	151	20



Surrogate Summary
SW-846

SDG No.: BP022224

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1462-01	20240762-39N-N-F	BP019820.D	2-Fluorophenol	150	32.59	22		10	139
			Phenol-d6	150	29.50	20		10	134
			Nitrobenzene-d5	100	23.19	23	*	49	133
			2-Fluorobiphenyl	100	18.66	19	*	52	132
			2,4,6-Tribromophenol	150	42.59	28	*	32	145
			Terphenyl-d14	100	20.73	21	*	36	145

Surrogate Summary

SW-846

SDG No.: BP022224

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1537-01	1	BP019836.D	2-Fluorophenol	150	75.72	50		18	112
			Phenol-d6	150	70.49	47		15	107
			Nitrobenzene-d5	100	47.70	48		18	107
			2-Fluorobiphenyl	100	43.47	43		20	109
			2,4,6-Tribromophenol	150	95.64	64		10	110
			Terphenyl-d14	100	49.03	49		14	112
P1537-08	8	BP019826.D	2-Fluorophenol	150	85.18	57		18	112
			Phenol-d6	150	81.51	54		15	107
			Nitrobenzene-d5	100	55.20	55		18	107
			2-Fluorobiphenyl	100	64.51	65		20	109
			2,4,6-Tribromophenol	150	114.01	76		10	110
			Terphenyl-d14	100	59.64	60		14	112
P1537-09	9	BP019825.D	2-Fluorophenol	150	85.49	57		18	112
			Phenol-d6	150	79.25	53		15	107
			Nitrobenzene-d5	100	53.94	54		18	107
			2-Fluorobiphenyl	100	50.22	50		20	109
			2,4,6-Tribromophenol	150	105.67	70		10	110
			Terphenyl-d14	100	56.72	57		14	112
P1537-10	10	BP019822.D	2-Fluorophenol	150	98.54	66		18	112
			Phenol-d6	150	94.50	63		15	107
			Nitrobenzene-d5	100	63.49	63		18	107
			2-Fluorobiphenyl	100	60.22	60		20	109
			2,4,6-Tribromophenol	150	130.06	87		10	110
			Terphenyl-d14	100	64.19	64		14	112
P1547-01	OR-03-022024	BP019824.D	2-Fluorophenol	150	98.11	65		18	112
			Phenol-d6	150	92.59	62		15	107
			Nitrobenzene-d5	100	43.76	44		18	107
			2-Fluorobiphenyl	100	60.10	60		20	109
			2,4,6-Tribromophenol	150	124.85	83		10	110
			Terphenyl-d14	100	69.20	69		14	112
P1549-01	HT3727	BP019823.D	2-Fluorophenol	150	83.45	56		18	112
			Phenol-d6	150	77.85	52		15	107
			Nitrobenzene-d5	100	54.81	55		18	107
			2-Fluorobiphenyl	100	53.19	53		20	109
			2,4,6-Tribromophenol	150	111.28	74		10	110
			Terphenyl-d14	100	61.46	61		14	112
P1549-03	336	BP019821.D	2-Fluorophenol	150	77.22	51		18	112
			Phenol-d6	150	72.99	49		15	107
			Nitrobenzene-d5	100	57.74	58		18	107
			2-Fluorobiphenyl	100	49.43	49		20	109
			2,4,6-Tribromophenol	150	118.67	79		10	110
			Terphenyl-d14	100	48.13	48		14	112
PB159185BL	PB159185BL	BP019818.D	2-Fluorophenol	150	118.65	79		18	112
			Phenol-d6	150	106.34	71		15	107
			Nitrobenzene-d5	100	76.84	77		18	107
			2-Fluorobiphenyl	100	78.45	78		20	109
			2,4,6-Tribromophenol	150	155.77	104		10	110
			Terphenyl-d14	100	83.55	84		14	112
PB159185BS	PB159185BS	BP019819.D	2-Fluorophenol	150	134.74	90		18	112
			Phenol-d6	150	129.78	87		15	107
			Nitrobenzene-d5	100	78.49	78		18	107



Surrogate Summary
SW-846

SDG No.: BP022224

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB159185BS	PB159185BS	BP019819.D	2-Fluorobiphenyl	100	84.63	85	*	20	109
			2,4,6-Tribromophenol	150	173.82	116		10	110
			Terphenyl-d14	100	93.49	93		14	112



Surrogate Summary
SW-846

SDG No.: BP022224

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1521-01	CG-MW-23	BP019827.D	2-Fluorophenol	150	47.43	32		10	139
			Phenol-d6	150	25.94	17		10	134
			Nitrobenzene-d5	100	79.13	79		49	133
			2-Fluorobiphenyl	100	76.16	76		52	132
			2,4,6-Tribromophenol	150	189.11	126		32	145
			Terphenyl-d14	100	77.61	78		36	145
P1521-02	CG-MW-23-Q	BP019834.D	2-Fluorophenol	150	55.09	37		10	139
			Phenol-d6	150	30.35	20		10	134
			Nitrobenzene-d5	100	87.15	87		49	133
			2-Fluorobiphenyl	100	83.70	84		52	132
			2,4,6-Tribromophenol	150	178.40	119		32	145
			Terphenyl-d14	100	82.78	83		36	145
P1521-04	CG-MW-17-CH3	BP019835.D	2-Fluorophenol	150	63.41	42		10	139
			Phenol-d6	150	41.28	28		10	134
			Nitrobenzene-d5	100	79.74	80		49	133
			2-Fluorobiphenyl	100	76.80	77		52	132
			2,4,6-Tribromophenol	150	148.84	99		32	145
			Terphenyl-d14	100	73.18	73		36	145



Surrogate Summary
SW-846

SDG No.: BP022224

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1560-01	RBR20010	BP019833.D	2-Fluorophenol	150	81.69	54		18	112
			Phenol-d6	150	82.40	55		15	107
			Nitrobenzene-d5	100	57.53	58		18	107
			2-Fluorobiphenyl	100	58.25	58		20	109
			2,4,6-Tribromophenol	150	103.54	69		10	110
			Terphenyl-d14	100	68.12	68		14	112
P1560-03	CONCRETE-SLAEBP019832.D		2-Fluorophenol	150	83.03	55		18	112
			Phenol-d6	150	81.71	54		15	107
			Nitrobenzene-d5	100	56.37	56		18	107
			2-Fluorobiphenyl	100	55.34	55		20	109
			2,4,6-Tribromophenol	150	80.95	54		10	110
			Terphenyl-d14	100	65.84	66		14	112



Surrogate Summary

SW-846

SDG No.: BP022224

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1549-02	HT3727	BP019828.D	2-Fluorophenol	150	87.30	58		10	139
			Phenol-d6	150	85.64	57		10	134
			Nitrobenzene-d5	100	77.82	78		49	133
			2-Fluorobiphenyl	100	75.03	75		52	132
			2,4,6-Tribromophenol	150	155.52	104		32	145
			Terphenyl-d14	100	82.79	83		36	145
P1549-04	336	BP019829.D	2-Fluorophenol	150	106.14	71		10	139
			Phenol-d6	150	94.43	63		10	134
			Nitrobenzene-d5	100	77.61	78		49	133
			2-Fluorobiphenyl	100	77.00	77		52	132
			2,4,6-Tribromophenol	150	161.23	107		32	145
			Terphenyl-d14	100	90.76	91		36	145
P1549-04MS	336MS	BP019830.D	2-Fluorophenol	150	85.19	57		10	139
			Phenol-d6	150	108.18	72		10	134
			Nitrobenzene-d5	100	86.85	87		49	133
			2-Fluorobiphenyl	100	75.68	76		52	132
			2,4,6-Tribromophenol	150	126.82	85		32	145
			Terphenyl-d14	100	86.40	86		36	145
P1549-04MSD	336MSD	BP019831.D	2-Fluorophenol	150	103.80	69		10	139
			Phenol-d6	150	95.64	64		10	134
			Nitrobenzene-d5	100	76.81	77		49	133
			2-Fluorobiphenyl	100	74.04	74		52	132
			2,4,6-Tribromophenol	150	153.85	103		32	145
			Terphenyl-d14	100	88.27	88		36	145



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP022224

Lab Code: CHEM

SAS No.: BP022224 SDG NO.: BP022224

Lab File ID: BP019816.D

DFTPP Injection Date: 02/22/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.1
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	33.1
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	39.1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	30.1
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	96.4
443	15.0 - 24.0% of mass 442	18.7 (19.4) 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	BP019817.D	02/22/2024	10:46
PB159185BL	PB159185BL	BP019818.D	02/22/2024	11:20
PB159185BS	PB159185BS	BP019819.D	02/22/2024	11:54
20240762-39N-N-FIELD-BLANK-1	P1462-01	BP019820.D	02/22/2024	12:42
336	P1549-03	BP019821.D	02/22/2024	13:16
10	P1537-10	BP019822.D	02/22/2024	13:50
HT3727	P1549-01	BP019823.D	02/22/2024	14:24
OR-03-022024	P1547-01	BP019824.D	02/22/2024	14:58
9	P1537-09	BP019825.D	02/22/2024	15:32
8	P1537-08	BP019826.D	02/22/2024	16:06
CG-MW-23	P1521-01	BP019827.D	02/22/2024	16:40
HT3727	P1549-02	BP019828.D	02/22/2024	17:14
336	P1549-04	BP019829.D	02/22/2024	17:48
336MS	P1549-04MS	BP019830.D	02/22/2024	18:22
336MSD	P1549-04MSD	BP019831.D	02/22/2024	18:56
CONCRETE-SLAB	P1560-03	BP019832.D	02/22/2024	19:30
RBR20010	P1560-01	BP019833.D	02/22/2024	20:04
CG-MW-23-Q	P1521-02	BP019834.D	02/22/2024	20:38
CG-MW-17-CH3	P1521-04	BP019835.D	02/22/2024	21:12



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BP022224Lab Code: CHEMSAS No.: BP022224 SDG NO.: BP022224Lab File ID: BP019816.DDFTPP Injection Date: 02/22/2024Instrument ID: BNA_PDFTPP Injection Time: 10:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.1
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	33.1
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	39.1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	30.1
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	96.4
443	15.0 - 24.0% of mass 442	18.7 (19.4) 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
1	P1537-01	BP019836.D	02/22/2024	21:46