Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	PSEG	Date Collected:	12/07/24
Project:	Bergen Point 69kV - 4KV-13KV Conversion Project OP	Date Received:	12/09/24
Client Sample ID:	MH-743RE	SDG No.:	P5216
Lab Sample ID:	P5216-05RE	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.2
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140852.D	1	12/10/24 09:20	12/13/24 18:46	PB165522

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	0.22	U	0.12	0.22	mg/Kg
108-95-2	Phenol	0.11	U	0.055	0.11	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	0.11	U	0.056	0.11	mg/Kg
95-57-8	2-Chlorophenol	0.11	U	0.056	0.11	mg/Kg
95-48-7	2-Methylphenol	0.11	U	0.054	0.11	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	0.11	U	0.060	0.11	mg/Kg
98-86-2	Acetophenone	0.11	U	0.058	0.11	mg/Kg
65794-96-9	3+4-Methylphenols	0.22	U	0.053	0.22	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	0.053	U	0.027	0.053	mg/Kg
67-72-1	Hexachloroethane	0.11	U	0.055	0.11	mg/Kg
98-95-3	Nitrobenzene	0.11	U	0.060	0.11	mg/Kg
78-59-1	Isophorone	0.11	U	0.056	0.11	mg/Kg
88-75-5	2-Nitrophenol	0.11	U	0.063	0.11	mg/Kg
105-67-9	2,4-Dimethylphenol	0.11	U	0.062	0.11	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	0.11	U	0.057	0.11	mg/Kg
120-83-2	2,4-Dichlorophenol	0.11	U	0.050	0.11	mg/Kg
91-20-3	Naphthalene	0.11	U	0.055	0.11	mg/Kg
106-47-8	4-Chloroaniline	0.11	U	0.055	0.11	mg/Kg
87-68-3	Hexachlorobutadiene	0.11	U	0.055	0.11	mg/Kg
105-60-2	Caprolactam	0.22	U	0.058	0.22	mg/Kg
59-50-7	4-Chloro-3-methylphenol	0.11	U	0.052	0.11	mg/Kg
91-57-6	2-Methylnaphthalene	0.11	U	0.055	0.11	mg/Kg
77-47-4	Hexachlorocyclopentadiene	0.22	U	0.10	0.22	mg/Kg
88-06-2	2,4,6-Trichlorophenol	0.11	U	0.048	0.11	mg/Kg
95-95-4	2,4,5-Trichlorophenol	0.11	U	0.049	0.11	mg/Kg
92-52-4	1,1-Biphenyl	0.11	U	0.058	0.11	mg/Kg
91-58-7	2-Chloronaphthalene	0.11	U	0.055	0.11	mg/Kg
88-74-4	2-Nitroaniline	0.11	U	0.063	0.11	mg/Kg
131-11-3	Dimethylphthalate	0.11	U	0.054	0.11	mg/Kg

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208-96-8	Acenaphthylene	0.11	U	0.058	0.11	mg/Kg
606-20-2	2,6-Dinitrotoluene	0.11	U	0.055	0.11	mg/Kg
99-09-2	3-Nitroaniline	0.11	U	0.059	0.11	mg/Kg
83-32-9	Acenaphthene	0.11	U	0.054	0.11	mg/Kg
51-28-5	2,4-Dinitrophenol	0.22	U	0.16	0.22	mg/Kg
100-02-7	4-Nitrophenol	0.22	U	0.077	0.22	mg/Kg
132-64-9	Dibenzofuran	0.11	U	0.056	0.11	mg/Kg
121-14-2	2,4-Dinitrotoluene	0.11	U	0.057	0.11	mg/Kg
84-66-2	Diethylphthalate	0.11	U	0.053	0.11	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	0.11	U	0.057	0.11	mg/Kg
86-73-7	Fluorene	0.11	U	0.057	0.11	mg/Kg
100-01-6	4-Nitroaniline	0.11	U	0.071	0.11	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	0.22	U	0.078	0.22	mg/Kg
86-30-6	n-Nitrosodiphenylamine	0.11	U	0.054	0.11	mg/Kg
101-55-3	4-Bromophenyl-phenylether	0.11	U	0.053	0.11	mg/Kg
118-74-1	Hexachlorobenzene	0.11	U	0.057	0.11	mg/Kg
1912-24-9	Atrazine	0.11	U	0.061	0.11	mg/Kg
87-86-5	Pentachlorophenol	0.22	U	0.051	0.22	mg/Kg
85-01-8	Phenanthrene	0.11	U	0.056	0.11	mg/Kg
120-12-7	Anthracene	0.11	U	0.056	0.11	mg/Kg
86-74-8	Carbazole	0.11	U	0.053	0.11	mg/Kg
84-74-2	Di-n-butylphthalate	0.11	U	0.056	0.11	mg/Kg
206-44-0	Fluoranthene	0.11	U	0.054	0.11	mg/Kg
129-00-0	Pyrene	0.11	U	0.055	0.11	mg/Kg
85-68-7	Butylbenzylphthalate	0.11	U	0.064	0.11	mg/Kg
91-94-1	3,3-Dichlorobenzidine	0.22	U	0.066	0.22	mg/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.054	0.11	mg/Kg
218-01-9	Chrysene	0.11	U	0.053	0.11	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	0.11	U	0.061	0.11	mg/Kg
117-84-0	Di-n-octyl phthalate	0.22	U	0.073	0.22	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.11	U	0.054	0.11	mg/Kg

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207-08-9	Benzo(k)fluoranthene	0.11	U	0.055	0.11	mg/Kg
50-32-8	Benzo(a)pyrene	0.11	U	0.062	0.11	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.11	U	0.052	0.11	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.11	U	0.054	0.11	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.11	U	0.053	0.11	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	0.11	U	0.058	0.11	mg/Kg
123-91-1	1,4-Dioxane	0.11	U	0.073	0.11	mg/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	0.11	U	0.050	0.11	mg/Kg
SURROGATES						
367-12-4	2-Fluorophenol	89.4		18 - 112	60%	SPK: 150
13127-88-3	Phenol-d6	92.9		15 - 107	62%	SPK: 150
4165-60-0	Nitrobenzene-d5	58.4		18 - 107	58%	SPK: 100
321-60-8	2-Fluorobiphenyl	61.7		20 - 109	62%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.7		10 - 116	56%	SPK: 150
1718-51-0	Terphenyl-d14	54.8		10 - 105	55%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	38400	6.857			
1146-65-2	Naphthalene-d8	152000	8.14			
15067-26-2	Acenaphthene-d10	88100	9.892			
1517-22-2	Phenanthrene-d10	193000	11.386			
1719-03-5	Chrysene-d12	127000	14.039			
1520-96-3	Perylene-d12	118000	15.545			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products