284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PSEG	Date Collected:	03/18/25
Project:	Bridgewater Switch	Date Received:	03/18/25
Client Sample ID:	ETGI-354DL	SDG No.:	Q1598
Lab Sample ID:	Q1598-01DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.9
Sample Wt/Vol:	50.07 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
BF142007.D	20	03/19/25 09:45	03/19/25 16:11	PB167206

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2.30	UD	2.30	4.80	mg/Kg
108-95-2	Phenol	0.32	UD	0.32	2.50	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	0.35	UD	0.35	2.50	mg/Kg
95-57-8	2-Chlorophenol	0.35	UD	0.35	2.50	mg/Kg
95-48-7	2-Methylphenol	0.43	UD	0.43	2.50	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	0.54	UD	0.54	2.50	mg/Kg
98-86-2	Acetophenone	0.43	UD	0.43	2.50	mg/Kg
65794-96-9	3+4-Methylphenols	0.59	UD	0.59	4.80	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	0.69	UD	0.69	1.20	mg/Kg
67-72-1	Hexachloroethane	0.25	UD	0.25	2.50	mg/Kg
98-95-3	Nitrobenzene	0.26	UD	0.26	2.50	mg/Kg
78-59-1	Isophorone	0.47	UD	0.47	2.50	mg/Kg
88-75-5	2-Nitrophenol	0.84	UD	0.84	2.50	mg/Kg
105-67-9	2,4-Dimethylphenol	0.94	UD	0.94	2.50	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	0.45	UD	0.45	2.50	mg/Kg
120-83-2	2,4-Dichlorophenol	0.41	UD	0.41	2.50	mg/Kg
91-20-3	Naphthalene	25.7	D	0.33	2.50	mg/Kg
106-47-8	4-Chloroaniline	0.51	UD	0.51	2.50	mg/Kg
87-68-3	Hexachlorobutadiene	0.37	UD	0.37	2.50	mg/Kg
105-60-2	Caprolactam	0.75	UD	0.75	4.80	mg/Kg
59-50-7	4-Chloro-3-methylphenol	0.41	UD	0.41	2.50	mg/Kg
91-57-6	2-Methylnaphthalene	19.7	D	0.37	2.50	mg/Kg
77-47-4	Hexachlorocyclopentadiene	1.70	UD	1.70	4.80	mg/Kg
88-06-2	2,4,6-Trichlorophenol	0.29	UD	0.29	2.50	mg/Kg
95-95-4	2,4,5-Trichlorophenol	0.42	UD	0.42	2.50	mg/Kg
92-52-4	1,1-Biphenyl	2.50	D	0.32	2.50	mg/Kg
91-58-7	2-Chloronaphthalene	0.33	UD	0.33	2.50	mg/Kg
88-74-4	2-Nitroaniline	0.70	UD	0.70	2.50	mg/Kg
131-11-3	Dimethylphthalate	0.39	UD	0.39	2.50	mg/Kg

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Prep Method :	SW3541				

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BF142007.D	20	03/19/25 09:45	03/19/25 16:11	PB167206

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	3.90	D	0.42	2.50	mg/Kg
606-20-2	2,6-Dinitrotoluene	0.49	UD	0.49	2.50	mg/Kg
99-09-2	3-Nitroaniline	0.66	UD	0.66	2.50	mg/Kg
83-32-9	Acenaphthene	6.30	D	0.31	2.50	mg/Kg
51-28-5	2,4-Dinitrophenol	3.30	UD	3.30	4.80	mg/Kg
100-02-7	4-Nitrophenol	1.50	UD	1.50	4.80	mg/Kg
132-64-9	Dibenzofuran	0.33	UD	0.33	2.50	mg/Kg
121-14-2	2,4-Dinitrotoluene	0.72	UD	0.72	2.50	mg/Kg
84-66-2	Diethylphthalate	0.41	UD	0.41	2.50	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	0.39	UD	0.39	2.50	mg/Kg
86-73-7	Fluorene	6.90	D	0.37	2.50	mg/Kg
100-01-6	4-Nitroaniline	0.93	UD	0.93	2.50	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1.50	UD	1.50	4.80	mg/Kg
86-30-6	n-Nitrosodiphenylamine	0.48	UD	0.48	2.50	mg/Kg
101-55-3	4-Bromophenyl-phenylether	0.40	UD	0.40	2.50	mg/Kg
118-74-1	Hexachlorobenzene	0.37	UD	0.37	2.50	mg/Kg
1912-24-9	Atrazine	0.49	UD	0.49	2.50	mg/Kg
87-86-5	Pentachlorophenol	0.74	UD	0.74	4.80	mg/Kg
85-01-8	Phenanthrene	15.8	D	0.30	2.50	mg/Kg
120-12-7	Anthracene	4.10	D	0.48	2.50	mg/Kg
86-74-8	Carbazole	0.45	UD	0.45	2.50	mg/Kg
84-74-2	Di-n-butylphthalate	0.69	UD	0.69	2.50	mg/Kg
206-44-0	Fluoranthene	4.50	D	0.43	2.50	mg/Kg
129-00-0	Pyrene	5.10	D	0.52	2.50	mg/Kg
85-68-7	Butylbenzylphthalate	1.00	UD	1.00	2.50	mg/Kg
91-94-1	3,3-Dichlorobenzidine	0.53	UD	0.53	4.80	mg/Kg
56-55-3	Benzo(a)anthracene	2.50	D	0.33	2.50	mg/Kg
218-01-9	Chrysene	2.00	JD	0.29	2.50	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1.00	JD	0.86	2.50	mg/Kg
117-84-0	Di-n-octyl phthalate	1.30	UD	1.30	4.80	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.20	JD	0.27	2.50	mg/Kg

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207-08-9	Benzo(k)fluoranthene	0.32	UD	0.32	2.50	mg/Kg
50-32-8	Benzo(a)pyrene	1.60	JD	0.43	2.50	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.42	UD	0.42	2.50	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.40	UD	0.40	2.50	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.37	UD	0.37	2.50	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	0.37	UD	0.37	2.50	mg/Kg
123-91-1	1,4-Dioxane	0.65	UD	0.65	2.50	mg/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	0.40	UD	0.40	2.50	mg/Kg
SURROGATES						
367-12-4	2-Fluorophenol	47.0		18 - 112	31%	SPK: 150
13127-88-3	Phenol-d6	58.1		15 - 107	39%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.8		18 - 107	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.9		20 - 109	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	50.5		10 - 116	34%	SPK: 150
1718-51-0	Terphenyl-d14	45.3		10 - 105	45%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	187000	6.881			
1146-65-2	Naphthalene-d8	654000	8.163			
15067-26-2	Acenaphthene-d10	309000	9.922			
1517-22-2	Phenanthrene-d10	399000	11.416			
1719-03-5	Chrysene-d12	360000	14.045			
1520-96-3	Perylene-d12	293000	15.521			

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