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

Report of Analysis

Client:	PSEG	Date Collected:	04/02/25
Project:	PSEG Clay Street	Date Received:	04/03/25
Client Sample ID:	Z-05ADL2	SDG No.:	Q1712
Lab Sample ID:	Q1712-01DL2	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	87.5
Sample Wt/Vol:	50.05 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
BM049871.D	50	04/04/25 08:55	04/09/25 17:03	PB167457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	11.3	UD	5.30	11.3	mg/Kg
108-95-2	Phenol	5.80	UD	0.76	5.80	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	5.80	UD	0.83	5.80	mg/Kg
95-57-8	2-Chlorophenol	5.80	UD	0.84	5.80	mg/Kg
95-48-7	2-Methylphenol	5.80	UD	1.00	5.80	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	5.80	UD	1.30	5.80	mg/Kg
98-86-2	Acetophenone	5.80	UD	1.00	5.80	mg/Kg
65794-96-9	3+4-Methylphenols	11.3	UD	1.40	11.3	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	2.70	UD	1.60	2.70	mg/Kg
67-72-1	Hexachloroethane	5.80	UD	0.60	5.80	mg/Kg
98-95-3	Nitrobenzene	5.80	UD	0.63	5.80	mg/Kg
78-59-1	Isophorone	5.80	UD	1.10	5.80	mg/Kg
88-75-5	2-Nitrophenol	5.80	UD	2.00	5.80	mg/Kg
105-67-9	2,4-Dimethylphenol	5.80	UD	2.20	5.80	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	5.80	UD	1.10	5.80	mg/Kg
120-83-2	2,4-Dichlorophenol	5.80	UD	0.97	5.80	mg/Kg
91-20-3	Naphthalene	5.80	UD	0.78	5.80	mg/Kg
106-47-8	4-Chloroaniline	5.80	UD	1.20	5.80	mg/Kg
87-68-3	Hexachlorobutadiene	5.80	UD	0.87	5.80	mg/Kg
105-60-2	Caprolactam	11.3	UD	1.80	11.3	mg/Kg
59-50-7	4-Chloro-3-methylphenol	5.80	UD	0.98	5.80	mg/Kg
91-57-6	2-Methylnaphthalene	5.80	UD	0.88	5.80	mg/Kg
77-47-4	Hexachlorocyclopentadiene	11.3	UD	4.00	11.3	mg/Kg
88-06-2	2,4,6-Trichlorophenol	5.80	UD	0.68	5.80	mg/Kg
95-95-4	2,4,5-Trichlorophenol	5.80	UD	1.00	5.80	mg/Kg
92-52-4	1,1-Biphenyl	5.80	UD	0.75	5.80	mg/Kg
91-58-7	2-Chloronaphthalene	5.80	UD	0.77	5.80	mg/Kg
88-74-4	2-Nitroaniline	5.80	UD	1.60	5.80	mg/Kg
131-11-3	Dimethylphthalate	5.80	UD	0.93	5.80	mg/Kg

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

Report of Analysis

Client:	PSEG			Date Collected:	04/02/25
Project:	PSEG Clay Street			Date Received:	04/03/25
Client Sample ID:	Z-05ADL2			SDG No.:	Q1712
Lab Sample ID:	Q1712-01DL2			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	87.5
Sample Wt/Vol:	50.05	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
BM049871.D	50	04/04/25 08:55	04/09/25 17:03	PB167457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	5.80	UD	0.99	5.80	mg/Kg
606-20-2	2,6-Dinitrotoluene	5.80	UD	1.20	5.80	mg/Kg
99-09-2	3-Nitroaniline	5.80	UD	1.60	5.80	mg/Kg
83-32-9	Acenaphthene	5.80	UD	0.73	5.80	mg/Kg
51-28-5	2,4-Dinitrophenol	11.3	UD	7.80	11.3	mg/Kg
100-02-7	4-Nitrophenol	11.3	UD	3.70	11.3	mg/Kg
132-64-9	Dibenzofuran	5.80	UD	0.78	5.80	mg/Kg
121-14-2	2,4-Dinitrotoluene	5.80	UD	1.70	5.80	mg/Kg
84-66-2	Diethylphthalate	5.80	UD	0.97	5.80	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	5.80	UD	0.91	5.80	mg/Kg
86-73-7	Fluorene	5.80	UD	0.87	5.80	mg/Kg
100-01-6	4-Nitroaniline	5.80	UD	2.20	5.80	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	11.3	UD	3.50	11.3	mg/Kg
86-30-6	n-Nitrosodiphenylamine	5.80	UD	1.10	5.80	mg/Kg
101-55-3	4-Bromophenyl-phenylether	5.80	UD	0.95	5.80	mg/Kg
118-74-1	Hexachlorobenzene	5.80	UD	0.87	5.80	mg/Kg
1912-24-9	Atrazine	5.80	UD	1.20	5.80	mg/Kg
87-86-5	Pentachlorophenol	11.3	UD	1.80	11.3	mg/Kg
85-01-8	Phenanthrene	19.5	D	0.72	5.80	mg/Kg
120-12-7	Anthracene	3.70	JD	1.10	5.80	mg/Kg
86-74-8	Carbazole	5.80	UD	1.10	5.80	mg/Kg
84-74-2	Di-n-butylphthalate	5.80	UD	1.60	5.80	mg/Kg
206-44-0	Fluoranthene	20.4	D	1.00	5.80	mg/Kg
129-00-0	Pyrene	19.0	D	1.20	5.80	mg/Kg
85-68-7	Butylbenzylphthalate	5.80	UD	2.40	5.80	mg/Kg
91-94-1	3,3-Dichlorobenzidine	11.3	UD	1.30	11.3	mg/Kg
56-55-3	Benzo(a)anthracene	10.5	D	0.79	5.80	mg/Kg
218-01-9	Chrysene	11.0	D	0.68	5.80	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5.80	UD	2.00	5.80	mg/Kg
117-84-0	Di-n-octyl phthalate	11.3	UD	3.00	11.3	mg/Kg
205-99-2	Benzo(b)fluoranthene	11.8	D	0.65	5.80	mg/Kg

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

Report of Analysis

Client:	PSEG			Date Collected:	04/02/25
Project:	PSEG Clay Street			Date Received:	04/03/25
Client Sample ID:	Z-05ADL2			SDG No.:	Q1712
Lab Sample ID:	Q1712-01DL2			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	87.5
Sample Wt/Vol:	50.05	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
BM049871.D	50	04/04/25 08:55	04/09/25 17:03	PB167457

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	6.70	D	0.77	5.80	mg/Kg
50-32-8	Benzo(a)pyrene	8.40	D	1.00	5.80	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4.10	JD	1.00	5.80	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	5.80	UD	0.94	5.80	mg/Kg
191-24-2	Benzo(g,h,i)perylene	4.50	JD	0.88	5.80	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	5.80	UD	0.88	5.80	mg/Kg
123-91-1	1,4-Dioxane	5.80	UD	1.50	5.80	mg/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5.80	UD	0.94	5.80	mg/Kg
SURROGATES						
367-12-4	2-Fluorophenol	95.8		18 - 112	64%	SPK: 150
13127-88-3	Phenol-d6	93.0		15 - 107	62%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.3		18 - 107	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.1		20 - 109	62%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.6		10 - 116	56%	SPK: 150
1718-51-0	Terphenyl-d14	62.9		10 - 105	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	309000	7.781			
1146-65-2	Naphthalene-d8	1100000	10.575			
15067-26-2	Acenaphthene-d10	735000	14.421			
1517-22-2	Phenanthrene-d10	1420000	17.162			
1719-03-5	Chrysene-d12	1370000	21.397			
1520-96-3	Perylene-d12	1470000	24.397			

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