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

Report of Analysis

Client:	PSEG			Date Collected:	05/14/25
Project:	Clifton HQ			Date Received:	05/14/25
Client Sample ID:	281			SDG No.:	Q2043
Lab Sample ID:	Q2043-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	79
Sample Wt/Vol:	50.04	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
BF142438.D	2	05/15/25 09:05	05/16/25 20:38	PB168017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	0.24	U	0.24	0.50	mg/Kg
108-95-2	Phenol	0.034	U	0.034	0.26	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	0.037	U	0.037	0.26	mg/Kg
95-57-8	2-Chlorophenol	0.037	U	0.037	0.26	mg/Kg
95-48-7	2-Methylphenol	0.045	U	0.045	0.26	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	0.057	U	0.057	0.26	mg/Kg
98-86-2	Acetophenone	0.045	U	0.045	0.26	mg/Kg
65794-96-9	3+4-Methylphenols	0.062	U	0.062	0.50	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	0.072	U	0.072	0.12	mg/Kg
67-72-1	Hexachloroethane	0.027	U	0.027	0.26	mg/Kg
98-95-3	Nitrobenzene	0.028	U	0.028	0.26	mg/Kg
78-59-1	Isophorone	0.050	U	0.050	0.26	mg/Kg
88-75-5	2-Nitrophenol	0.088	U	0.088	0.26	mg/Kg
105-67-9	2,4-Dimethylphenol	0.098	U	0.098	0.26	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	0.047	U	0.047	0.26	mg/Kg
120-83-2	2,4-Dichlorophenol	0.043	U	0.043	0.26	mg/Kg
91-20-3	Naphthalene	0.035	U	0.035	0.26	mg/Kg
106-47-8	4-Chloroaniline	0.054	U	0.054	0.26	mg/Kg
87-68-3	Hexachlorobutadiene	0.038	U	0.038	0.26	mg/Kg
105-60-2	Caprolactam	0.079	U	0.079	0.50	mg/Kg
59-50-7	4-Chloro-3-methylphenol	0.044	U	0.044	0.26	mg/Kg
91-57-6	2-Methylnaphthalene	0.28		0.039	0.26	mg/Kg
77-47-4	Hexachlorocyclopentadiene	0.18	U	0.18	0.50	mg/Kg
88-06-2	2,4,6-Trichlorophenol	0.030	U	0.030	0.26	mg/Kg
95-95-4	2,4,5-Trichlorophenol	0.044	U	0.044	0.26	mg/Kg
92-52-4	1,1-Biphenyl	0.40		0.033	0.26	mg/Kg
91-58-7	2-Chloronaphthalene	0.034	U	0.034	0.26	mg/Kg
88-74-4	2-Nitroaniline	0.073	U	0.073	0.26	mg/Kg
131-11-3	Dimethylphthalate	0.041	U	0.041	0.26	mg/Kg

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

Report of Analysis

Client:	PSEG			Date Collected:	05/14/25
Project:	Clifton HQ			Date Received:	05/14/25
Client Sample ID:	281			SDG No.:	Q2043
Lab Sample ID:	Q2043-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	79
Sample Wt/Vol:	50.04	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
BF142438.D	2	05/15/25 09:05	05/16/25 20:38	PB168017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	0.044	U	0.044	0.26	mg/Kg
606-20-2	2,6-Dinitrotoluene	0.051	U	0.051	0.26	mg/Kg
99-09-2	3-Nitroaniline	0.070	U	0.070	0.26	mg/Kg
83-32-9	Acenaphthene	0.032	U	0.032	0.26	mg/Kg
51-28-5	2,4-Dinitrophenol	0.35	U	0.35	0.50	mg/Kg
100-02-7	4-Nitrophenol	0.16	U	0.16	0.50	mg/Kg
132-64-9	Dibenzofuran	0.035	U	0.035	0.26	mg/Kg
121-14-2	2,4-Dinitrotoluene	0.076	U	0.076	0.26	mg/Kg
84-66-2	Diethylphthalate	0.043	U	0.043	0.26	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	0.041	U	0.041	0.26	mg/Kg
86-73-7	Fluorene	0.038	U	0.038	0.26	mg/Kg
100-01-6	4-Nitroaniline	0.097	U	0.097	0.26	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	0.16	U	0.16	0.50	mg/Kg
86-30-6	n-Nitrosodiphenylamine	0.050	U	0.050	0.26	mg/Kg
101-55-3	4-Bromophenyl-phenylether	0.042	U	0.042	0.26	mg/Kg
118-74-1	Hexachlorobenzene	0.038	U	0.038	0.26	mg/Kg
1912-24-9	Atrazine	0.052	U	0.052	0.26	mg/Kg
87-86-5	Pentachlorophenol	0.078	U	0.078	0.50	mg/Kg
85-01-8	Phenanthrene	0.93		0.032	0.26	mg/Kg
120-12-7	Anthracene	0.051	U	0.051	0.26	mg/Kg
86-74-8	Carbazole	0.047	U	0.047	0.26	mg/Kg
84-74-2	Di-n-butylphthalate	0.073	U	0.073	0.26	mg/Kg
206-44-0	Fluoranthene	0.74		0.046	0.26	mg/Kg
129-00-0	Pyrene	0.33		0.055	0.26	mg/Kg
85-68-7	Butylbenzylphthalate	0.11	U	0.11	0.26	mg/Kg
91-94-1	3,3-Dichlorobenzidine	0.056	U	0.056	0.50	mg/Kg
56-55-3	Benzo(a)anthracene	0.35		0.035	0.26	mg/Kg
218-01-9	Chrysene	0.36		0.030	0.26	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1.70		0.090	0.26	mg/Kg
117-84-0	Di-n-octyl phthalate	0.13	U	0.13	0.50	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.45		0.029	0.26	mg/Kg

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

Report of Analysis

Client:	PSEG			Date Collected:	05/14/25
Project:	Clifton HQ			Date Received:	05/14/25
Client Sample ID:	281			SDG No.:	Q2043
Lab Sample ID:	Q2043-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	79
Sample Wt/Vol:	50.04	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
BF142438.D	2	05/15/25 09:05	05/16/25 20:38	PB168017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	0.19	J	0.034	0.26	mg/Kg
50-32-8	Benzo(a)pyrene	0.34		0.045	0.26	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.16	J	0.044	0.26	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.042	U	0.042	0.26	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.19	J	0.039	0.26	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	0.039	U	0.039	0.26	mg/Kg
123-91-1	1,4-Dioxane	0.069	U	0.069	0.26	mg/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	0.042	U	0.042	0.26	mg/Kg
SURROGATES						
367-12-4	2-Fluorophenol	69.0		18 - 112	46%	SPK: 150
13127-88-3	Phenol-d6	64.4		15 - 107	43%	SPK: 150
4165-60-0	Nitrobenzene-d5	47.9		18 - 107	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.0		20 - 109	68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	89.3		10 - 116	60%	SPK: 150
1718-51-0	Terphenyl-d14	27.7		10 - 105	28%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	99600	6.904			
1146-65-2	Naphthalene-d8	340000	8.186			
15067-26-2	Acenaphthene-d10	106000	9.957			
1517-22-2	Phenanthrene-d10	110000	11.492			
1719-03-5	Chrysene-d12	135000	14.104			
1520-96-3	Perylene-d12	157000	15.574			
TENTATIVE IDENTIFIED COMPOUNDS						
001595-16-0	Benzene, 1-methyl-4-(1-methylpropy	120	J		7.55	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	210	J		7.71	ug/Kg
1000152-09-6	1,3-Cyclohexadiene, 1,2,3,4,5,6-he	130	J		7.78	ug/Kg
	unknown8.086	110	J		8.09	ug/Kg
	unknown8.133	190	J		8.13	ug/Kg
	unknown8.239	240	J		8.24	ug/Kg
003877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-	310	J		8.39	ug/Kg

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

Report of Analysis

Client:	PSEG			Date Collected:	05/14/25
Project:	Clifton HQ			Date Received:	05/14/25
Client Sample ID:	281			SDG No.:	Q2043
Lab Sample ID:	Q2043-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	79
Sample Wt/Vol:	50.04	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
BF142438.D	2	05/15/25 09:05	05/16/25 20:38	PB168017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
	unknown8.428	280	J		8.43	ug/Kg
	unknown8.475	410	J		8.47	ug/Kg
	unknown8.533	130	J		8.53	ug/Kg
	unknown8.569	240	J		8.57	ug/Kg
062108-25-2	Decane, 2,6,7-trimethyl-	400	J		8.61	ug/Kg
001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-	440	J		8.69	ug/Kg
90-12-0	1-Methylnaphthalene	240	J		9.00	ug/Kg
	unknown9.186	140	J		9.19	ug/Kg
003891-98-3	Dodecane, 2,6,10-trimethyl-	220	J		9.21	ug/Kg
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	1000	J		9.68	ug/Kg

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