

Report of Analysis

Client:	PSEG	Date Collected:	05/20/25
Project:	Bergen Point Substation	Date Received:	05/20/25
Client Sample ID:	WATER-COMPDL	SDG No.:	Q2093
Lab Sample ID:	Q2093-14DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024791.D	5	05/21/25 08:40	05/23/25 13:45	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	50.5	UD	19.7	50.5	ug/L
108-95-2	Phenol	25.3	UD	4.60	25.3	ug/L
111-44-4	bis(2-Chloroethyl)ether	25.3	UD	4.10	25.3	ug/L
95-57-8	2-Chlorophenol	25.3	UD	2.90	25.3	ug/L
95-48-7	2-Methylphenol	25.3	UD	5.70	25.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	25.3	UD	6.50	25.3	ug/L
98-86-2	Acetophenone	25.3	UD	3.70	25.3	ug/L
65794-96-9	3+4-Methylphenols	50.5	UD	5.60	50.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	12.6	UD	7.10	12.6	ug/L
67-72-1	Hexachloroethane	25.3	UD	3.30	25.3	ug/L
98-95-3	Nitrobenzene	25.3	UD	3.80	25.3	ug/L
78-59-1	Isophorone	25.3	UD	3.80	25.3	ug/L
88-75-5	2-Nitrophenol	25.3	UD	8.90	25.3	ug/L
105-67-9	2,4-Dimethylphenol	25.3	UD	9.30	25.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	25.3	UD	3.40	25.3	ug/L
120-83-2	2,4-Dichlorophenol	25.3	UD	2.60	25.3	ug/L
91-20-3	Naphthalene	25.3	UD	2.50	25.3	ug/L
106-47-8	4-Chloroaniline	25.3	UD	4.20	25.3	ug/L
87-68-3	Hexachlorobutadiene	25.3	UD	2.70	25.3	ug/L
105-60-2	Caprolactam	50.5	UD	5.70	50.5	ug/L
59-50-7	4-Chloro-3-methylphenol	25.3	UD	3.00	25.3	ug/L
91-57-6	2-Methylnaphthalene	25.3	UD	2.80	25.3	ug/L
77-47-4	Hexachlorocyclopentadiene	50.5	UD	18.3	50.5	ug/L
88-06-2	2,4,6-Trichlorophenol	25.3	UD	2.60	25.3	ug/L
95-95-4	2,4,5-Trichlorophenol	25.3	UD	3.10	25.3	ug/L
92-52-4	1,1-Biphenyl	25.3	UD	2.70	25.3	ug/L
91-58-7	2-Chloronaphthalene	25.3	UD	3.10	25.3	ug/L
88-74-4	2-Nitroaniline	25.3	UD	6.40	25.3	ug/L
131-11-3	Dimethylphthalate	25.3	UD	3.10	25.3	ug/L

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208-96-8	Acenaphthylene	25.3	UD	3.80	25.3	ug/L
606-20-2	2,6-Dinitrotoluene	25.3	UD	4.60	25.3	ug/L
99-09-2	3-Nitroaniline	25.3	UD	5.30	25.3	ug/L
83-32-9	Acenaphthene	25.3	UD	2.80	25.3	ug/L
51-28-5	2,4-Dinitrophenol	50.5	UD	30.2	50.5	ug/L
100-02-7	4-Nitrophenol	50.5	UD	12.0	50.5	ug/L
132-64-9	Dibenzofuran	25.3	UD	3.10	25.3	ug/L
121-14-2	2,4-Dinitrotoluene	25.3	UD	6.20	25.3	ug/L
84-66-2	Diethylphthalate	260	D	3.50	25.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	25.3	UD	3.40	25.3	ug/L
86-73-7	Fluorene	25.3	UD	3.20	25.3	ug/L
100-01-6	4-Nitroaniline	25.3	UD	7.60	25.3	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50.5	UD	14.5	50.5	ug/L
86-30-6	n-Nitrosodiphenylamine	25.3	UD	2.90	25.3	ug/L
101-55-3	4-Bromophenyl-phenylether	25.3	UD	2.00	25.3	ug/L
118-74-1	Hexachlorobenzene	25.3	UD	2.60	25.3	ug/L
1912-24-9	Atrazine	25.3	UD	5.10	25.3	ug/L
87-86-5	Pentachlorophenol	50.5	UD	8.00	50.5	ug/L
85-01-8	Phenanthrene	25.3	UD	2.50	25.3	ug/L
120-12-7	Anthracene	25.3	UD	3.10	25.3	ug/L
86-74-8	Carbazole	25.3	UD	3.60	25.3	ug/L
84-74-2	Di-n-butylphthalate	25.3	UD	6.20	25.3	ug/L
206-44-0	Fluoranthene	25.3	UD	4.10	25.3	ug/L
129-00-0	Pyrene	25.3	UD	2.50	25.3	ug/L
85-68-7	Butylbenzylphthalate	25.3	UD	9.70	25.3	ug/L
91-94-1	3,3-Dichlorobenzidine	50.5	UD	4.70	50.5	ug/L
56-55-3	Benzo(a)anthracene	25.3	UD	2.30	25.3	ug/L
218-01-9	Chrysene	25.3	UD	2.20	25.3	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	25.3	UD	8.10	25.3	ug/L
117-84-0	Di-n-octyl phthalate	50.5	UD	11.8	50.5	ug/L
205-99-2	Benzo(b)fluoranthene	25.3	UD	2.50	25.3	ug/L

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207-08-9	Benzo(k)fluoranthene	25.3	UD	2.40	25.3	ug/L
50-32-8	Benzo(a)pyrene	25.3	UD	2.80	25.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	25.3	UD	3.00	25.3	ug/L
53-70-3	Dibenzo(a,h)anthracene	25.3	UD	3.40	25.3	ug/L
191-24-2	Benzo(g,h,i)perylene	25.3	UD	3.50	25.3	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	25.3	UD	2.60	25.3	ug/L
123-91-1	1,4-Dioxane	25.3	UD	5.10	25.3	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	25.3	UD	3.60	25.3	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	63.5		10 - 139	42%	SPK: 150
13127-88-3	Phenol-d6	31.9		10 - 134	21%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.6		49 - 133	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.4		52 - 132	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	180		44 - 137	120%	SPK: 150
1718-51-0	Terphenyl-d14	86.7		48 - 125	87%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	98700	7.652			
1146-65-2	Naphthalene-d8	387000	10.422			
15067-26-2	Acenaphthene-d10	273000	14.281			
1517-22-2	Phenanthrene-d10	590000	17.081			
1719-03-5	Chrysene-d12	731000	21.521			
1520-96-3	Perylene-d12	869000	24.804			

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