

Report of Analysis

Client: PSEG
Project: PSEG Leon Street Laydown Yard
Client Sample ID: PB170424BS
Lab Sample ID: PB170424BS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
Prep Method : 3510C Prep Date: 11/06/25

Date Collected:
Date Received:
SDG No.: Q3541
Matrix: Water
% Solid: 0
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	32.3		1	3.90	10.0	ug/L	11/06/25 14:54	PB170424
108-95-2	Phenol	46.6		1	0.91	5.00	ug/L	11/06/25 14:54	PB170424
111-44-4	bis(2-Chloroethyl)ether	41.7		1	0.81	5.00	ug/L	11/06/25 14:54	PB170424
95-57-8	2-Chlorophenol	47.9		1	0.58	5.00	ug/L	11/06/25 14:54	PB170424
95-48-7	2-Methylphenol	48.1		1	1.10	5.00	ug/L	11/06/25 14:54	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	38.4		1	1.30	5.00	ug/L	11/06/25 14:54	PB170424
98-86-2	Acetophenone	47.6		1	0.74	5.00	ug/L	11/06/25 14:54	PB170424
65794-96-9	3+4-Methylphenols	47.9		1	1.10	10.0	ug/L	11/06/25 14:54	PB170424
621-64-7	n-Nitroso-di-n-propylamine	44.5		1	1.40	2.50	ug/L	11/06/25 14:54	PB170424
67-72-1	Hexachloroethane	43.4		1	0.65	5.00	ug/L	11/06/25 14:54	PB170424
98-95-3	Nitrobenzene	44.6		1	0.76	5.00	ug/L	11/06/25 14:54	PB170424
78-59-1	Isophorone	44.2		1	0.75	5.00	ug/L	11/06/25 14:54	PB170424
88-75-5	2-Nitrophenol	59.5		1	1.80	5.00	ug/L	11/06/25 14:54	PB170424
105-67-9	2,4-Dimethylphenol	52.0		1	1.90	5.00	ug/L	11/06/25 14:54	PB170424
111-91-1	bis(2-Chloroethoxy)methane	43.4		1	0.68	5.00	ug/L	11/06/25 14:54	PB170424
120-83-2	2,4-Dichlorophenol	50.0		1	0.52	5.00	ug/L	11/06/25 14:54	PB170424
91-20-3	Naphthalene	41.9		1	0.50	5.00	ug/L	11/06/25 14:54	PB170424
106-47-8	4-Chloroaniline	29.8		1	0.84	5.00	ug/L	11/06/25 14:54	PB170424
87-68-3	Hexachlorobutadiene	42.1		1	0.54	5.00	ug/L	11/06/25 14:54	PB170424
105-60-2	Caprolactam	54.1		1	1.10	10.0	ug/L	11/06/25 14:54	PB170424
59-50-7	4-Chloro-3-methylphenol	52.4		1	0.59	5.00	ug/L	11/06/25 14:54	PB170424
91-57-6	2-Methylnaphthalene	39.6		1	0.56	5.00	ug/L	11/06/25 14:54	PB170424
77-47-4	Hexachlorocyclopentadiene	120	E	1	3.60	10.0	ug/L	11/06/25 14:54	PB170424
88-06-2	2,4,6-Trichlorophenol	51.4		1	0.51	5.00	ug/L	11/06/25 14:54	PB170424
95-95-4	2,4,5-Trichlorophenol	50.4		1	0.62	5.00	ug/L	11/06/25 14:54	PB170424
92-52-4	1,1-Biphenyl	46.8		1	0.53	5.00	ug/L	11/06/25 14:54	PB170424
91-58-7	2-Chloronaphthalene	41.3		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
88-74-4	2-Nitroaniline	49.0		1	1.30	5.00	ug/L	11/06/25 14:54	PB170424
131-11-3	Dimethylphthalate	46.9		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
208-96-8	Acenaphthylene	50.0		1	0.75	5.00	ug/L	11/06/25 14:54	PB170424
606-20-2	2,6-Dinitrotoluene	53.2		1	0.92	5.00	ug/L	11/06/25 14:54	PB170424
99-09-2	3-Nitroaniline	38.2		1	1.10	5.00	ug/L	11/06/25 14:54	PB170424
83-32-9	Acenaphthene	40.5		1	0.55	5.00	ug/L	11/06/25 14:54	PB170424
51-28-5	2,4-Dinitrophenol	110	E	1	6.00	10.0	ug/L	11/06/25 14:54	PB170424
100-02-7	4-Nitrophenol	110	E	1	2.40	10.0	ug/L	11/06/25 14:54	PB170424
132-64-9	Dibenzofuran	43.9		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
121-14-2	2,4-Dinitrotoluene	53.2		1	1.20	5.00	ug/L	11/06/25 14:54	PB170424
84-66-2	Diethylphthalate	47.7		1	0.69	5.00	ug/L	11/06/25 14:54	PB170424
7005-72-3	4-Chlorophenyl-phenylether	44.2		1	0.68	5.00	ug/L	11/06/25 14:54	PB170424
86-73-7	Fluorene	45.1		1	0.63	5.00	ug/L	11/06/25 14:54	PB170424
100-01-6	4-Nitroaniline	53.1		1	1.50	5.00	ug/L	11/06/25 14:54	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	57.8		1	2.90	10.0	ug/L	11/06/25 14:54	PB170424

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	PSEG Leon Street Laydown Yard	Date Received:	
Client Sample ID:	PB170424BS	SDG No.:	Q3541
Lab Sample ID:	PB170424BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.7		1	0.58	5.00	ug/L	11/06/25 14:54	PB170424
101-55-3	4-Bromophenyl-phenylether	43.3		1	0.40	5.00	ug/L	11/06/25 14:54	PB170424
118-74-1	Hexachlorobenzene	44.3		1	0.52	5.00	ug/L	11/06/25 14:54	PB170424
1912-24-9	Atrazine	50.8		1	1.00	5.00	ug/L	11/06/25 14:54	PB170424
87-86-5	Pentachlorophenol	120	E	1	1.60	10.0	ug/L	11/06/25 14:54	PB170424
85-01-8	Phenanthrene	43.1		1	0.50	5.00	ug/L	11/06/25 14:54	PB170424
120-12-7	Anthracene	44.3		1	0.61	5.00	ug/L	11/06/25 14:54	PB170424
86-74-8	Carbazole	45.9		1	0.72	5.00	ug/L	11/06/25 14:54	PB170424
84-74-2	Di-n-butylphthalate	49.2		1	1.20	5.00	ug/L	11/06/25 14:54	PB170424
206-44-0	Fluoranthene	46.3		1	0.82	5.00	ug/L	11/06/25 14:54	PB170424
129-00-0	Pyrene	43.7		1	0.50	5.00	ug/L	11/06/25 14:54	PB170424
85-68-7	Butylbenzylphthalate	52.6		1	1.90	5.00	ug/L	11/06/25 14:54	PB170424
91-94-1	3,3-Dichlorobenzidine	39.4		1	0.93	10.0	ug/L	11/06/25 14:54	PB170424
56-55-3	Benzo(a)anthracene	44.1		1	0.45	5.00	ug/L	11/06/25 14:54	PB170424
218-01-9	Chrysene	42.8		1	0.44	5.00	ug/L	11/06/25 14:54	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	48.9		1	1.60	5.00	ug/L	11/06/25 14:54	PB170424
117-84-0	Di-n-octyl phthalate	58.0		1	2.30	10.0	ug/L	11/06/25 14:54	PB170424
205-99-2	Benzo(b)fluoranthene	47.0		1	0.49	5.00	ug/L	11/06/25 14:54	PB170424
207-08-9	Benzo(k)fluoranthene	45.4		1	0.48	5.00	ug/L	11/06/25 14:54	PB170424
50-32-8	Benzo(a)pyrene	48.9		1	0.55	5.00	ug/L	11/06/25 14:54	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	47.5		1	0.59	5.00	ug/L	11/06/25 14:54	PB170424
53-70-3	Dibenzo(a,h)anthracene	48.3		1	0.67	5.00	ug/L	11/06/25 14:54	PB170424
191-24-2	Benzo(g,h,i)perylene	49.0		1	0.69	5.00	ug/L	11/06/25 14:54	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	44.7		1	0.52	5.00	ug/L	11/06/25 14:54	PB170424
123-91-1	1,4-Dioxane	33.5		1	1.00	5.00	ug/L	11/06/25 14:54	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	57.8		1	0.72	5.00	ug/L	11/06/25 14:54	PB170424

SURROGATES

367-12-4	2-Fluorophenol	132		23 - 138	88%	SPK: 150
13127-88-3	Phenol-d6	133		10 - 134	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.8		67 - 132	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.1		52 - 132	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	157		44 - 137	105%	SPK: 150
1718-51-0	Terphenyl-d14	83.6		42 - 152	84%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	267000
1146-65-2	Naphthalene-d8	1100000
15067-26-2	Acenaphthene-d10	743000
1517-22-2	Phenanthrene-d10	1610000
1719-03-5	Chrysene-d12	1770000
1520-96-3	Perylene-d12	1900000

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	PSEG Leon Street Laydown Yard	Date Received:	
Client Sample ID:	PB170424BS	SDG No.:	Q3541
Lab Sample ID:	PB170424BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	1000 mL		
	Final Vol: 1000 uL		
Prep Method :	3510C		
	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
------------	-----------	-------	------	----	-----	------------	-------	-----------	--------------

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