

Report of Analysis

Client:	PSEG	Date Collected:	06/25/25
Project:	PSEG 104 Hamilton- Paterson	Date Received:	06/25/25
Client Sample ID:	WC-1	SDG No.:	Q2414
Lab Sample ID:	Q2414-04	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF142897.D	1	06/27/25 11:10	06/27/25 17:12	PB168646

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.050	U	0.013	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.050	U	0.0053	0.050	mg/L
95-48-7	2-Methylphenol	0.050	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.10	U	0.011	0.10	mg/L
67-72-1	Hexachloroethane	0.050	U	0.0065	0.050	mg/L
98-95-3	Nitrobenzene	0.050	U	0.0076	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.050	U	0.0054	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.050	U	0.0051	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.050	U	0.0062	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.050	U	0.012	0.050	mg/L
118-74-1	Hexachlorobenzene	0.050	U	0.0052	0.050	mg/L
87-86-5	Pentachlorophenol	0.10	U	0.016	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	115		23 - 138	76%	SPK: 150
13127-88-3	Phenol-d6	102		10 - 134	68%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.8		67 - 132	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.5		52 - 132	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		44 - 137	87%	SPK: 150
1718-51-0	Terphenyl-d14	62.1		42 - 152	62%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	59400	6.875			
1146-65-2	Naphthalene-d8	207000	8.157			
15067-26-2	Acenaphthene-d10	98000	9.916			
1517-22-2	Phenanthrene-d10	155000	11.404			
1719-03-5	Chrysene-d12	152000	14.051			
1520-96-3	Perylene-d12	107000	15.545			

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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