

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Sewaren Laydown Yard	Date Received:	
Client Sample ID:	PB169045BS	SDG No.:	Q2706
Lab Sample ID:	PB169045BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025263.D	1	07/29/25 09:44	07/29/25 15:57	PB169045

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	35.2		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	42.8		0.53	5.00	ug/L
95-48-7	2-Methylphenol	46.9		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	46.2		1.10	10.0	ug/L
67-72-1	Hexachloroethane	42.4		0.65	5.00	ug/L
98-95-3	Nitrobenzene	45.3		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	41.9		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	44.8		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.6		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	48.1		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	44.5		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	81.7	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	126		23 - 138	84%	SPK: 150
13127-88-3	Phenol-d6	128		10 - 134	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.4		67 - 132	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.8		52 - 132	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		44 - 137	80%	SPK: 150
1718-51-0	Terphenyl-d14	84.5		42 - 152	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	395000		7.402		
1146-65-2	Naphthalene-d8	1600000		10.143		
15067-26-2	Acenaphthene-d10	1060000		14.043		
1517-22-2	Phenanthrene-d10	2170000		16.878		
1719-03-5	Chrysene-d12	2290000		21.301		
1520-96-3	Perylene-d12	2660000		24.418		

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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