

Report of Analysis

Client:	PSEG	Date Collected:	08/15/25
Project:	Hackensack Sub HQ	Date Received:	08/15/25
Client Sample ID:	302	SDG No.:	Q2884
Lab Sample ID:	Q2884-04	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Test:	TCLP BNA
		Final Vol:	1000
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143475.D	20	08/19/25 09:45	08/20/25 01:14	PB169312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.00	U	0.26	1.00	mg/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.11	1.00	mg/L
95-48-7	2-Methylphenol	1.00	U	0.22	1.00	mg/L
65794-96-9	3+4-Methylphenols	2.00	U	0.22	2.00	mg/L
67-72-1	Hexachloroethane	1.00	U	0.13	1.00	mg/L
98-95-3	Nitrobenzene	1.00	U	0.15	1.00	mg/L
87-68-3	Hexachlorobutadiene	1.00	U	0.11	1.00	mg/L
88-06-2	2,4,6-Trichlorophenol	1.00	U	0.10	1.00	mg/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	0.12	1.00	mg/L
121-14-2	2,4-Dinitrotoluene	1.00	U	0.24	1.00	mg/L
118-74-1	Hexachlorobenzene	1.00	U	0.10	1.00	mg/L
87-86-5	Pentachlorophenol	2.00	U	0.32	2.00	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	48.1		23 - 138	32%	SPK: 150
13127-88-3	Phenol-d6	58.8		10 - 134	39%	SPK: 150
4165-60-0	Nitrobenzene-d5	67.0		67 - 132	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	105		52 - 132	105%	SPK: 100
118-79-6	2,4,6-Tribromophenol	81.3		44 - 137	54%	SPK: 150
1718-51-0	Terphenyl-d14	67.8		42 - 152	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	124000	6.928			
1146-65-2	Naphthalene-d8	462000	8.21			
15067-26-2	Acenaphthene-d10	206000	9.963			
1517-22-2	Phenanthrene-d10	269000	11.445			
1719-03-5	Chrysene-d12	207000	14.104			
1520-96-3	Perylene-d12	295000	15.603			

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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