

Report of Analysis

Client:	PSEG	Date Collected:	05/30/24
Project:	Victory Laydown Yard	Date Received:	05/30/24
Client Sample ID:	WC-TP-1MSD	SDG No.:	P2687
Lab Sample ID:	P2668-04MSD	Matrix:	TCLP
Analytical Method:	SW8270	% 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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020518.D	1	06/03/24 10:50	06/05/24 15:08	PB161311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.31		0.016	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.40		0.0084	0.050	mg/L
95-48-7	2-Methylphenol	0.42		0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.42		0.012	0.10	mg/L
67-72-1	Hexachloroethane	0.39		0.010	0.050	mg/L
98-95-3	Nitrobenzene	0.41		0.013	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.41		0.013	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.51		0.0089	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.47		0.010	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.47		0.015	0.050	mg/L
118-74-1	Hexachlorobenzene	0.44		0.011	0.050	mg/L
87-86-5	Pentachlorophenol	0.76		0.019	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	130		10 - 139	87%	SPK: 150
13127-88-3	Phenol-d6	114		10 - 134	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.8		49 - 133	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.1		52 - 132	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		32 - 145	98%	SPK: 150
1718-51-0	Terphenyl-d14	76.1		36 - 145	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	284000	7.769			
1146-65-2	Naphthalene-d8	1120000	10.534			
15067-26-2	Acenaphthene-d10	705000	14.387			
1517-22-2	Phenanthrene-d10	1470000	17.192			
1719-03-5	Chrysene-d12	1340000	21.645			
1520-96-3	Perylene-d12	1560000	25.015			

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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