

Report of Analysis

Client:	PSEG	Date Collected:	05/31/24
Project:	Victory Laydown Yard	Date Received:	05/31/24
Client Sample ID:	72-11977	SDG No.:	P2687
Lab Sample ID:	P2687-06	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX041712.D	1		06/03/24 18:14	VX060324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.0050	U	0.00034	0.0050	mg/L
75-35-4	1,1-Dichloroethene	0.0050	U	0.00026	0.0050	mg/L
78-93-3	2-Butanone	0.019	J	0.0013	0.025	mg/L
56-23-5	Carbon Tetrachloride	0.0050	U	0.00025	0.0050	mg/L
67-66-3	Chloroform	0.0050	U	0.00026	0.0050	mg/L
71-43-2	Benzene	0.0050	U	0.00016	0.0050	mg/L
107-06-2	1,2-Dichloroethane	0.0050	U	0.00024	0.0050	mg/L
79-01-6	Trichloroethene	0.0050	U	0.00032	0.0050	mg/L
127-18-4	Tetrachloroethene	0.0050	U	0.00025	0.0050	mg/L
108-90-7	Chlorobenzene	0.0050	U	0.00013	0.0050	mg/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.0		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	45.5		75 - 124	91%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		64 - 133	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	137000	5.55			
540-36-3	1,4-Difluorobenzene	207000	6.763			
3114-55-4	Chlorobenzene-d5	206000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	102000	12.024			

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