

Report of Analysis

Client:	PSEG	Date Collected:	08/04/25
Project:	Lakeside Sub Demo	Date Received:	08/04/25
Client Sample ID:	SOLID-DRUM	SDG No.:	Q2759
Lab Sample ID:	Q2759-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	42.4
Sample Wt/Vol:	3.27 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031999.D	1	08/04/25 14:18	VW080425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.018	U	0.0041	0.018	mg/Kg
74-87-3	Chloromethane	0.018	U	0.0041	0.018	mg/Kg
75-01-4	Vinyl Chloride	0.018	U	0.0028	0.018	mg/Kg
74-83-9	Bromomethane	0.018	U	0.0039	0.018	mg/Kg
75-00-3	Chloroethane	0.018	U	0.0045	0.018	mg/Kg
75-69-4	Trichlorofluoromethane	0.018	U	0.0044	0.018	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.018	U	0.0038	0.018	mg/Kg
75-35-4	1,1-Dichloroethene	0.018	U	0.0036	0.018	mg/Kg
67-64-1	Acetone	0.67		0.017	0.090	mg/Kg
75-15-0	Carbon Disulfide	0.0064	J	0.0038	0.018	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.018	U	0.0026	0.018	mg/Kg
79-20-9	Methyl Acetate	0.018	U	0.0056	0.018	mg/Kg
75-09-2	Methylene Chloride	0.036	U	0.013	0.036	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.018	U	0.0031	0.018	mg/Kg
75-34-3	1,1-Dichloroethane	0.018	U	0.0029	0.018	mg/Kg
110-82-7	Cyclohexane	0.018	U	0.0028	0.018	mg/Kg
78-93-3	2-Butanone	0.59		0.024	0.090	mg/Kg
56-23-5	Carbon Tetrachloride	0.018	U	0.0035	0.018	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.018	U	0.0027	0.018	mg/Kg
74-97-5	Bromochloromethane	0.018	U	0.0041	0.018	mg/Kg
67-66-3	Chloroform	0.018	U	0.0030	0.018	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.018	U	0.0034	0.018	mg/Kg
108-87-2	Methylcyclohexane	0.018	U	0.0033	0.018	mg/Kg
71-43-2	Benzene	0.018	U	0.0028	0.018	mg/Kg
107-06-2	1,2-Dichloroethane	0.018	U	0.0028	0.018	mg/Kg
79-01-6	Trichloroethene	0.018	U	0.0029	0.018	mg/Kg
78-87-5	1,2-Dichloropropane	0.018	U	0.0033	0.018	mg/Kg
75-27-4	Bromodichloromethane	0.018	U	0.0028	0.018	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.090	U	0.013	0.090	mg/Kg
108-88-3	Toluene	1.60	E	0.0028	0.018	mg/Kg

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10061-02-6	t-1,3-Dichloropropene	0.018	U	0.0023	0.018	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.018	U	0.0022	0.018	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.018	U	0.0033	0.018	mg/Kg
591-78-6	2-Hexanone	0.090	U	0.013	0.090	mg/Kg
124-48-1	Dibromochloromethane	0.018	U	0.0031	0.018	mg/Kg
106-93-4	1,2-Dibromoethane	0.018	U	0.0032	0.018	mg/Kg
127-18-4	Tetrachloroethene	0.018	U	0.0038	0.018	mg/Kg
108-90-7	Chlorobenzene	0.018	U	0.0033	0.018	mg/Kg
100-41-4	Ethyl Benzene	0.018	U	0.0024	0.018	mg/Kg
179601-23-1	m/p-Xylenes	0.036	U	0.0045	0.036	mg/Kg
95-47-6	o-Xylene	0.018	U	0.0030	0.018	mg/Kg
100-42-5	Styrene	0.018	U	0.0026	0.018	mg/Kg
75-25-2	Bromoform	0.018	U	0.0031	0.018	mg/Kg
98-82-8	Isopropylbenzene	0.018	U	0.0028	0.018	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.018	U	0.0044	0.018	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.018	U	0.0062	0.018	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.018	U	0.0056	0.018	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.018	U	0.0052	0.018	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.018	U	0.0066	0.018	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.018	U	0.011	0.018	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.018	U	0.012	0.018	mg/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	51.3	63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5	70 - 134	95%	SPK: 50
2037-26-5	Toluene-d8	47.6	74 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.1	17 - 146	86%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	176000	7.965
540-36-3	1,4-Difluorobenzene	370000	8.849
3114-55-4	Chlorobenzene-d5	343000	11.629
3855-82-1	1,4-Dichlorobenzene-d4	165000	13.556

TENTATIVE IDENTIFIED COMPOUNDS

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000075-18-3	Dimethyl sulfide	120	J		4.24	ug/Kg
99-87-6	p-Isopropyltoluene	71.3	J		13.5	ug/Kg
000104-76-7	1-Hexanol, 2-ethyl-	35.2	J		13.6	ug/Kg
013450-73-2	11H-Dibenzo[b,e][1,4]diazepin-11-o	140	J		14.1	ug/Kg
062960-76-3	4-Octene, 2,6-dimethyl-, [S-(E)]-	25.5	J		14.2	ug/Kg
000112-40-3	Dodecane	22.8	J		14.7	ug/Kg
000629-59-4	Tetradecane	120	J		16.5	ug/Kg

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