

Report of Analysis

Client:	PSEG	Date Collected:	06/18/25
Project:	Clifton Electric	Date Received:	06/18/25
Client Sample ID:	3321	SDG No.:	Q2354
Lab Sample ID:	Q2354-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.9
Sample Wt/Vol:	3 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046814.D	1		06/23/25 13:03	VX062325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.92	U	0.21	0.92	mg/Kg
74-87-3	Chloromethane	0.92	U	0.21	0.92	mg/Kg
75-01-4	Vinyl Chloride	0.92	U	0.14	0.92	mg/Kg
74-83-9	Bromomethane	0.25	J	0.20	0.92	mg/Kg
75-00-3	Chloroethane	0.92	U	0.23	0.92	mg/Kg
75-69-4	Trichlorofluoromethane	0.92	U	0.22	0.92	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.92	U	0.19	0.92	mg/Kg
75-35-4	1,1-Dichloroethene	0.92	U	0.18	0.92	mg/Kg
67-64-1	Acetone	1.40	J	0.87	4.60	mg/Kg
75-15-0	Carbon Disulfide	0.92	U	0.19	0.92	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.92	U	0.13	0.92	mg/Kg
79-20-9	Methyl Acetate	0.92	U	0.28	0.92	mg/Kg
75-09-2	Methylene Chloride	1.80	U	0.65	1.80	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.92	U	0.16	0.92	mg/Kg
75-34-3	1,1-Dichloroethane	0.92	U	0.15	0.92	mg/Kg
110-82-7	Cyclohexane	5.70		0.14	0.92	mg/Kg
78-93-3	2-Butanone	4.60	U	1.20	4.60	mg/Kg
56-23-5	Carbon Tetrachloride	0.92	U	0.18	0.92	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.92	U	0.14	0.92	mg/Kg
74-97-5	Bromochloromethane	0.92	U	0.21	0.92	mg/Kg
67-66-3	Chloroform	0.92	U	0.15	0.92	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.92	U	0.17	0.92	mg/Kg
108-87-2	Methylcyclohexane	19.1		0.17	0.92	mg/Kg
71-43-2	Benzene	1.60		0.14	0.92	mg/Kg
107-06-2	1,2-Dichloroethane	0.92	U	0.14	0.92	mg/Kg
79-01-6	Trichloroethene	0.92	U	0.15	0.92	mg/Kg
78-87-5	1,2-Dichloropropane	0.92	U	0.17	0.92	mg/Kg
75-27-4	Bromodichloromethane	0.92	U	0.14	0.92	mg/Kg
108-10-1	4-Methyl-2-Pentanone	4.60	U	0.66	4.60	mg/Kg
108-88-3	Toluene	15.1		0.14	0.92	mg/Kg



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10061-02-6	t-1,3-Dichloropropene	0.92	U	0.12	0.92	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.92	U	0.11	0.92	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.17	0.92	mg/Kg
591-78-6	2-Hexanone	4.60	U	0.68	4.60	mg/Kg
124-48-1	Dibromochloromethane	0.92	U	0.16	0.92	mg/Kg
106-93-4	1,2-Dibromoethane	0.92	U	0.16	0.92	mg/Kg
127-18-4	Tetrachloroethene	0.92	U	0.19	0.92	mg/Kg
108-90-7	Chlorobenzene	0.92	U	0.17	0.92	mg/Kg
100-41-4	Ethyl Benzene	11.0		0.12	0.92	mg/Kg
179601-23-1	m/p-Xylenes	37.6		0.23	1.80	mg/Kg
95-47-6	o-Xylene	18.8		0.15	0.92	mg/Kg
100-42-5	Styrene	0.92	U	0.13	0.92	mg/Kg
75-25-2	Bromoform	0.92	U	0.16	0.92	mg/Kg
98-82-8	Isopropylbenzene	4.80		0.14	0.92	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.92	U	0.22	0.92	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.92	U	0.31	0.92	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.92	U	0.29	0.92	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.92	U	0.27	0.92	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.92	U	0.34	0.92	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.92	U	0.54	0.92	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.92	U	0.58	0.92	mg/Kg

17060-07-0	1,2-Dichloroethane-d4	47.6	63 - 155	95%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5	70 - 134	95%	SPK: 50
2037-26-5	Toluene-d8	50.1	74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.2	17 - 146	96%	SPK: 50

363-72-4	Pentafluorobenzene	115000	5.556
540-36-3	1,4-Difluorobenzene	197000	6.763
3114-55-4	Chlorobenzene-d5	163000	10.055
3855-82-1	1,4-Dichlorobenzene-d4	67100	12.024

TENTATIVE IDENTIFIED COMPOUNDS

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74-88-4	Methyl Iodide	1300	J		2.46	ug/Kg
000111-84-2	Nonane	53700	J		10.4	ug/Kg
103-65-1	n-propylbenzene	15800	J		11.3	ug/Kg
000620-14-4	Benzene, 1-ethyl-3-methyl-	74500	J		11.4	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	25400	J		11.5	ug/Kg
000611-14-3	Benzene, 1-ethyl-2-methyl-	40700	J		11.6	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	92500	J		11.8	ug/Kg
135-98-8	sec-Butylbenzene	7700	J		11.9	ug/Kg
99-87-6	p-Isopropyltoluene	5200	J		12.0	ug/Kg
104-51-8	n-Butylbenzene	15300	J		12.3	ug/Kg
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	41900	J		13.2	ug/Kg
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	64100	J		13.3	ug/Kg
000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	57000	J		13.4	ug/Kg
003877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-	41200	J		13.9	ug/Kg
001559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-	40700	J		13.9	ug/Kg
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	66300	J		14.2	ug/Kg
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	49600	J		14.6	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