

Report of Analysis

Client: PSEG
Project: PSEG South Clifton Ave Property
Client Sample ID: RE
Lab Sample ID: Q3815-01
Analytical Method: 8260D
Sample Wt/Vol: 5.27 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/08/25
Date Received: 12/08/25
SDG No.: Q3815
Matrix: SOIL
% Solid: 85
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.0056	U	1	0.0013	0.0056	mg/Kg	12/11/25 12:28	VY121125
74-87-3	Chloromethane	0.0056	U	1	0.0013	0.0056	mg/Kg	12/11/25 12:28	VY121125
75-01-4	Vinyl Chloride	0.0056	U	1	0.00088	0.0056	mg/Kg	12/11/25 12:28	VY121125
74-83-9	Bromomethane	0.0056	U	1	0.0012	0.0056	mg/Kg	12/11/25 12:28	VY121125
75-00-3	Chloroethane	0.0056	U	1	0.0014	0.0056	mg/Kg	12/11/25 12:28	VY121125
75-69-4	Trichlorofluoromethane	0.0056	U	1	0.0014	0.0056	mg/Kg	12/11/25 12:28	VY121125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0056	U	1	0.0012	0.0056	mg/Kg	12/11/25 12:28	VY121125
75-35-4	1,1-Dichloroethene	0.0056	U	1	0.0011	0.0056	mg/Kg	12/11/25 12:28	VY121125
67-64-1	Acetone	0.028	U	1	0.0053	0.028	mg/Kg	12/11/25 12:28	VY121125
75-15-0	Carbon Disulfide	0.0056	U	1	0.0012	0.0056	mg/Kg	12/11/25 12:28	VY121125
1634-04-4	Methyl tert-butyl Ether	0.0056	U	1	0.00081	0.0056	mg/Kg	12/11/25 12:28	VY121125
79-20-9	Methyl Acetate	0.0056	U	1	0.0017	0.0056	mg/Kg	12/11/25 12:28	VY121125
75-09-2	Methylene Chloride	0.011	U	1	0.0039	0.011	mg/Kg	12/11/25 12:28	VY121125
156-60-5	trans-1,2-Dichloroethene	0.0056	U	1	0.00096	0.0056	mg/Kg	12/11/25 12:28	VY121125
75-34-3	1,1-Dichloroethane	0.0056	U	1	0.00089	0.0056	mg/Kg	12/11/25 12:28	VY121125
110-82-7	Cyclohexane	0.0056	U	1	0.00088	0.0056	mg/Kg	12/11/25 12:28	VY121125
78-93-3	2-Butanone	0.028	U	1	0.0073	0.028	mg/Kg	12/11/25 12:28	VY121125
56-23-5	Carbon Tetrachloride	0.0056	U	1	0.0011	0.0056	mg/Kg	12/11/25 12:28	VY121125
156-59-2	cis-1,2-Dichloroethene	0.0056	U	1	0.00084	0.0056	mg/Kg	12/11/25 12:28	VY121125
74-97-5	Bromochloromethane	0.0056	U	1	0.0013	0.0056	mg/Kg	12/11/25 12:28	VY121125
67-66-3	Chloroform	0.0056	U	1	0.00094	0.0056	mg/Kg	12/11/25 12:28	VY121125
71-55-6	1,1,1-Trichloroethane	0.0056	U	1	0.0010	0.0056	mg/Kg	12/11/25 12:28	VY121125
108-87-2	Methylcyclohexane	0.0056	U	1	0.0010	0.0056	mg/Kg	12/11/25 12:28	VY121125
71-43-2	Benzene	0.0056	U	1	0.00088	0.0056	mg/Kg	12/11/25 12:28	VY121125
107-06-2	1,2-Dichloroethane	0.0056	U	1	0.00088	0.0056	mg/Kg	12/11/25 12:28	VY121125
79-01-6	Trichloroethene	0.0056	U	1	0.00090	0.0056	mg/Kg	12/11/25 12:28	VY121125
78-87-5	1,2-Dichloropropane	0.0056	U	1	0.0010	0.0056	mg/Kg	12/11/25 12:28	VY121125
75-27-4	Bromodichloromethane	0.0056	U	1	0.00087	0.0056	mg/Kg	12/11/25 12:28	VY121125
108-10-1	4-Methyl-2-Pentanone	0.028	U	1	0.0040	0.028	mg/Kg	12/11/25 12:28	VY121125
108-88-3	Toluene	0.0056	U	1	0.00087	0.0056	mg/Kg	12/11/25 12:28	VY121125
10061-02-6	t-1,3-Dichloropropene	0.0056	U	1	0.00073	0.0056	mg/Kg	12/11/25 12:28	VY121125
10061-01-5	cis-1,3-Dichloropropene	0.0056	U	1	0.00069	0.0056	mg/Kg	12/11/25 12:28	VY121125
79-00-5	1,1,2-Trichloroethane	0.0056	U	1	0.0010	0.0056	mg/Kg	12/11/25 12:28	VY121125
591-78-6	2-Hexanone	0.028	U	1	0.0041	0.028	mg/Kg	12/11/25 12:28	VY121125
124-48-1	Dibromochloromethane	0.0056	U	1	0.00097	0.0056	mg/Kg	12/11/25 12:28	VY121125
106-93-4	1,2-Dibromoethane	0.0056	U	1	0.00098	0.0056	mg/Kg	12/11/25 12:28	VY121125
127-18-4	Tetrachloroethene	0.0056	U	1	0.0012	0.0056	mg/Kg	12/11/25 12:28	VY121125
108-90-7	Chlorobenzene	0.0056	U	1	0.0010	0.0056	mg/Kg	12/11/25 12:28	VY121125
100-41-4	Ethyl Benzene	0.021		1	0.00075	0.0056	mg/Kg	12/11/25 12:28	VY121125
179601-23-1	m/p-Xylenes	0.011	U	1	0.0014	0.011	mg/Kg	12/11/25 12:28	VY121125
95-47-6	o-Xylene	0.0056	U	1	0.00092	0.0056	mg/Kg	12/11/25 12:28	VY121125
100-42-5	Styrene	0.0056	U	1	0.00079	0.0056	mg/Kg	12/11/25 12:28	VY121125
75-25-2	Bromoform	0.0056	U	1	0.00096	0.0056	mg/Kg	12/11/25 12:28	VY121125

Report of Analysis

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Project:	PSEG South Clifton Ave Property	Date Received:	12/08/25
Client Sample ID:	RE	SDG No.:	Q3815
Lab Sample ID:	Q3815-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85
Sample Wt/Vol:	5.27 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.030		1	0.00087	0.0056	mg/Kg	12/11/25 12:28	VY121125
79-34-5	1,1,2,2-Tetrachloroethane	0.0056	U	1	0.0014	0.0056	mg/Kg	12/11/25 12:28	VY121125
541-73-1	1,3-Dichlorobenzene	0.0056	U	1	0.0019	0.0056	mg/Kg	12/11/25 12:28	VY121125
106-46-7	1,4-Dichlorobenzene	0.0056	U	1	0.0017	0.0056	mg/Kg	12/11/25 12:28	VY121125
95-50-1	1,2-Dichlorobenzene	0.0056	U	1	0.0016	0.0056	mg/Kg	12/11/25 12:28	VY121125
96-12-8	1,2-Dibromo-3-Chloropropane	0.0056	U	1	0.0021	0.0056	mg/Kg	12/11/25 12:28	VY121125
120-82-1	1,2,4-Trichlorobenzene	0.0056	U	1	0.0033	0.0056	mg/Kg	12/11/25 12:28	VY121125
87-61-6	1,2,3-Trichlorobenzene	0.0056	U	1	0.0035	0.0056	mg/Kg	12/11/25 12:28	VY121125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	65.2		63 - 155	130%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	48.9		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.8		52 - 138	96%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	136000
540-36-3	1,4-Difluorobenzene	237000
3114-55-4	Chlorobenzene-d5	211000
3855-82-1	1,4-Dichlorobenzene-d4	89600

TENTATIVE IDENTIFIED COMPOUNDS

000565-75-3	Pentane, 2,3,4-trimethyl-	130	J	9.55	ug/Kg
000560-21-4	Pentane, 2,3,3-trimethyl-	190	J	9.68	ug/Kg
000589-81-1	Heptane, 3-methyl-	110	J	9.89	ug/Kg
103-65-1	n-propylbenzene	120	J	12.6	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	36.2	J	12.7	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	170	J	13.0	ug/Kg
135-98-8	sec-Butylbenzene	29.1	J	13.2	ug/Kg
99-87-6	p-Isopropyltoluene	9.60	J	13.3	ug/Kg
000105-05-5	Benzene, 1,4-diethyl-	140	J	13.5	ug/Kg
104-51-8	n-Butylbenzene	54.7	J	13.6	ug/Kg
001074-17-5	Benzene, 1-methyl-2-propyl-	110	J	13.7	ug/Kg
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	270	J	13.9	ug/Kg
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	120	J	14.2	ug/Kg
001587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	150	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