

Report of Analysis

Client: PSEG
Project: Oradell Gas
Client Sample ID: 101625
Lab Sample ID: Q3454-01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/24/25
Date Received: 10/24/25
SDG No.: Q3454
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	25.0	U	5	1.10	25.0	ug/L	10/27/25 12:50	VN102725
74-87-3	Chloromethane	25.0	U	5	1.60	25.0	ug/L	10/27/25 12:50	VN102725
75-01-4	Vinyl Chloride	25.0	U	5	1.30	25.0	ug/L	10/27/25 12:50	VN102725
74-83-9	Bromomethane	25.0	U	5	7.20	25.0	ug/L	10/27/25 12:50	VN102725
75-00-3	Chloroethane	25.0	U	5	2.40	25.0	ug/L	10/27/25 12:50	VN102725
75-69-4	Trichlorofluoromethane	25.0	U	5	1.70	25.0	ug/L	10/27/25 12:50	VN102725
76-13-1	1,1,2-Trichlorotrifluoroethane	25.0	U	5	1.30	25.0	ug/L	10/27/25 12:50	VN102725
75-35-4	1,1-Dichloroethene	25.0	U	5	1.20	25.0	ug/L	10/27/25 12:50	VN102725
67-64-1	Acetone	330		5	7.60	130	ug/L	10/27/25 12:50	VN102725
75-15-0	Carbon Disulfide	25.0	U	5	1.10	25.0	ug/L	10/27/25 12:50	VN102725
1634-04-4	Methyl tert-butyl Ether	25.0	U	5	0.80	25.0	ug/L	10/27/25 12:50	VN102725
79-20-9	Methyl Acetate	25.0	U	5	1.40	25.0	ug/L	10/27/25 12:50	VN102725
75-09-2	Methylene Chloride	25.0	U	5	1.40	25.0	ug/L	10/27/25 12:50	VN102725
156-60-5	trans-1,2-Dichloroethene	25.0	U	5	1.20	25.0	ug/L	10/27/25 12:50	VN102725
75-34-3	1,1-Dichloroethane	25.0	U	5	1.20	25.0	ug/L	10/27/25 12:50	VN102725
110-82-7	Cyclohexane	25.0	U	5	7.30	25.0	ug/L	10/27/25 12:50	VN102725
78-93-3	2-Butanone	92.8	J	5	4.90	130	ug/L	10/27/25 12:50	VN102725
56-23-5	Carbon Tetrachloride	25.0	U	5	1.30	25.0	ug/L	10/27/25 12:50	VN102725
156-59-2	cis-1,2-Dichloroethene	25.0	U	5	0.95	25.0	ug/L	10/27/25 12:50	VN102725
74-97-5	Bromochloromethane	25.0	U	5	1.10	25.0	ug/L	10/27/25 12:50	VN102725
67-66-3	Chloroform	25.0	U	5	1.30	25.0	ug/L	10/27/25 12:50	VN102725
71-55-6	1,1,1-Trichloroethane	25.0	U	5	1.00	25.0	ug/L	10/27/25 12:50	VN102725
108-87-2	Methylcyclohexane	25.0	U	5	0.80	25.0	ug/L	10/27/25 12:50	VN102725
71-43-2	Benzene	190		5	0.75	25.0	ug/L	10/27/25 12:50	VN102725
107-06-2	1,2-Dichloroethane	25.0	U	5	1.10	25.0	ug/L	10/27/25 12:50	VN102725
79-01-6	Trichloroethene	25.0	U	5	0.47	25.0	ug/L	10/27/25 12:50	VN102725
78-87-5	1,2-Dichloropropane	25.0	U	5	1.00	25.0	ug/L	10/27/25 12:50	VN102725
75-27-4	Bromodichloromethane	25.0	U	5	1.10	25.0	ug/L	10/27/25 12:50	VN102725
108-10-1	4-Methyl-2-Pentanone	12.9	J	5	3.40	130	ug/L	10/27/25 12:50	VN102725
108-88-3	Toluene	270		5	0.70	25.0	ug/L	10/27/25 12:50	VN102725
10061-02-6	t-1,3-Dichloropropene	25.0	U	5	0.85	25.0	ug/L	10/27/25 12:50	VN102725
10061-01-5	cis-1,3-Dichloropropene	25.0	U	5	0.80	25.0	ug/L	10/27/25 12:50	VN102725
79-00-5	1,1,2-Trichloroethane	25.0	U	5	1.10	25.0	ug/L	10/27/25 12:50	VN102725
591-78-6	2-Hexanone	130	U	5	4.50	130	ug/L	10/27/25 12:50	VN102725
124-48-1	Dibromochloromethane	25.0	U	5	0.90	25.0	ug/L	10/27/25 12:50	VN102725
106-93-4	1,2-Dibromoethane	25.0	U	5	0.75	25.0	ug/L	10/27/25 12:50	VN102725
127-18-4	Tetrachloroethene	25.0	U	5	1.20	25.0	ug/L	10/27/25 12:50	VN102725
108-90-7	Chlorobenzene	25.0	U	5	0.60	25.0	ug/L	10/27/25 12:50	VN102725
100-41-4	Ethyl Benzene	100		5	0.65	25.0	ug/L	10/27/25 12:50	VN102725
179601-23-1	m/p-Xylenes	160		5	1.20	50.0	ug/L	10/27/25 12:50	VN102725
95-47-6	o-Xylene	100		5	0.60	25.0	ug/L	10/27/25 12:50	VN102725
100-42-5	Styrene	100		5	0.75	25.0	ug/L	10/27/25 12:50	VN102725
75-25-2	Bromoform	25.0	U	5	0.95	25.0	ug/L	10/27/25 12:50	VN102725

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	25.0	U	5	0.60	25.0	ug/L	10/27/25 12:50	VN102725
79-34-5	1,1,2,2-Tetrachloroethane	25.0	U	5	1.30	25.0	ug/L	10/27/25 12:50	VN102725
541-73-1	1,3-Dichlorobenzene	25.0	U	5	0.80	25.0	ug/L	10/27/25 12:50	VN102725
106-46-7	1,4-Dichlorobenzene	25.0	U	5	0.95	25.0	ug/L	10/27/25 12:50	VN102725
95-50-1	1,2-Dichlorobenzene	25.0	U	5	0.80	25.0	ug/L	10/27/25 12:50	VN102725
96-12-8	1,2-Dibromo-3-Chloropropane	25.0	U	5	2.70	25.0	ug/L	10/27/25 12:50	VN102725
120-82-1	1,2,4-Trichlorobenzene	25.0	U	5	1.00	25.0	ug/L	10/27/25 12:50	VN102725
87-61-6	1,2,3-Trichlorobenzene	25.0	U	5	1.00	25.0	ug/L	10/27/25 12:50	VN102725

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	60.2			74 - 125	120%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1			75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	48.2			86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.1			77 - 121	112%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	220000
540-36-3	1,4-Difluorobenzene	495000
3114-55-4	Chlorobenzene-d5	478000
3855-82-1	1,4-Dichlorobenzene-d4	245000

TENTATIVE IDENTIFIED COMPOUNDS

75-65-0	Tert butyl alcohol	200	J		5.52	ug/L
001757-42-2	Cyclopentanone, 3-methyl-	83.9	J		12.2	ug/L
103-65-1	n-propylbenzene	7.80	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	24.6	J		13.2	ug/L
95-63-6	1,2,4-Trimethylbenzene	72.6	J		13.5	ug/L
000271-89-6	Benzofuran	79.6	J		13.7	ug/L
000496-11-7	Indane	190	J		14.0	ug/L
002327-99-3	Benzene, 1,2-propadienyl-	820	J		14.2	ug/L
001504-58-1	3-Phenyl-2-propyn-1-ol	37.2	J		14.7	ug/L
000767-59-9	1H-Indene, 1-methyl-	44.6	J		15.2	ug/L
91-20-3	Naphthalene	3900	J		15.6	ug/L
000095-15-8	Benzo[b]thiophene	120	J		15.7	ug/L
000091-57-6	Naphthalene, 2-methyl-	140	J		16.7	ug/L

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