

Report of Analysis

Client: PSEG
Project: PSEG Waldwick Substation
Client Sample ID: MW-17-PURGE-WATER
Lab Sample ID: Q3537-03
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/04/25
Date Received: 11/04/25
SDG No.: Q3537
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	1.00	U	1	0.22	1.00	ug/L	11/05/25 14:39	VV110525
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	11/05/25 14:39	VV110525
75-01-4	Vinyl Chloride	1.00	U	1	0.26	1.00	ug/L	11/05/25 14:39	VV110525
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	11/05/25 14:39	VV110525
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	11/05/25 14:39	VV110525
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	11/05/25 14:39	VV110525
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	11/05/25 14:39	VV110525
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	11/05/25 14:39	VV110525
67-64-1	Acetone	5.00	U	1	1.50	5.00	ug/L	11/05/25 14:39	VV110525
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	11/05/25 14:39	VV110525
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	11/05/25 14:39	VV110525
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	11/05/25 14:39	VV110525
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	11/05/25 14:39	VV110525
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	11/05/25 14:39	VV110525
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	11/05/25 14:39	VV110525
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	11/05/25 14:39	VV110525
78-93-3	2-Butanone	5.00	U	1	0.98	5.00	ug/L	11/05/25 14:39	VV110525
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	11/05/25 14:39	VV110525
156-59-2	cis-1,2-Dichloroethene	1.00	U	1	0.19	1.00	ug/L	11/05/25 14:39	VV110525
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	11/05/25 14:39	VV110525
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	11/05/25 14:39	VV110525
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	11/05/25 14:39	VV110525
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	11/05/25 14:39	VV110525
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	11/05/25 14:39	VV110525
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	11/05/25 14:39	VV110525
79-01-6	Trichloroethene	1.00	U	1	0.090	1.00	ug/L	11/05/25 14:39	VV110525
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	11/05/25 14:39	VV110525
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	11/05/25 14:39	VV110525
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	11/05/25 14:39	VV110525
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	11/05/25 14:39	VV110525
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	11/05/25 14:39	VV110525
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	11/05/25 14:39	VV110525
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	11/05/25 14:39	VV110525
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	11/05/25 14:39	VV110525
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	11/05/25 14:39	VV110525
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	11/05/25 14:39	VV110525
127-18-4	Tetrachloroethene	1.00	U	1	0.23	1.00	ug/L	11/05/25 14:39	VV110525
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	11/05/25 14:39	VV110525
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	11/05/25 14:39	VV110525
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	11/05/25 14:39	VV110525
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	11/05/25 14:39	VV110525
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	11/05/25 14:39	VV110525
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	11/05/25 14:39	VV110525

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	11/05/25 14:39	VV110525
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	11/05/25 14:39	VV110525
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	11/05/25 14:39	VV110525
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	11/05/25 14:39	VV110525
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	11/05/25 14:39	VV110525
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	11/05/25 14:39	VV110525
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	11/05/25 14:39	VV110525
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	11/05/25 14:39	VV110525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.1			74 - 125	112%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.3			75 - 124	97%	SPK: 50		
2037-26-5	Toluene-d8	46.2			86 - 113	92%	SPK: 50		
460-00-4	4-Bromofluorobenzene	43.7			77 - 121	87%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	860000							
540-36-3	1,4-Difluorobenzene	1600000							
3114-55-4	Chlorobenzene-d5	1480000							
3855-82-1	1,4-Dichlorobenzene-d4	667000							

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