

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: MW-12
Lab Sample ID: Q3569-02
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/05/25
Date Received: 11/06/25
SDG No.: Q3569
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	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:49	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 16:49	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 16:49	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 16:49	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 16:49	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 16:49	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:49	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:49	VX111025
67-64-1	Acetone	4.90	J	1	1.50	5.00	ug/L	11/10/25 16:49	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 16:49	VX111025
1634-04-4	Methyl tert-butyl Ether	0.55	J	1	0.16	1.00	ug/L	11/10/25 16:49	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 16:49	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 16:49	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:49	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:49	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 16:49	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 16:49	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:49	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 16:49	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:49	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 16:49	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:49	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:49	VX111025
71-43-2	Benzene	79.2		1	0.15	1.00	ug/L	11/10/25 16:49	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:49	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 16:49	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:49	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 16:49	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 16:49	VX111025
108-88-3	Toluene	0.52	J	1	0.14	1.00	ug/L	11/10/25 16:49	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 16:49	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 16:49	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 16:49	VX111025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 16:49	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 16:49	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 16:49	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 16:49	VX111025
108-90-7	Chlorobenzene	210	E	1	0.12	1.00	ug/L	11/10/25 16:49	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 16:49	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 16:49	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 16:49	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 16:49	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 16:49	VX111025

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Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	13.6		1	0.12	1.00	ug/L	11/10/25 16:49	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 16:49	VX111025
541-73-1	1,3-Dichlorobenzene	0.28	J	1	0.16	1.00	ug/L	11/10/25 16:49	VX111025
106-46-7	1,4-Dichlorobenzene	3.30		1	0.19	1.00	ug/L	11/10/25 16:49	VX111025
95-50-1	1,2-Dichlorobenzene	0.56	J	1	0.16	1.00	ug/L	11/10/25 16:49	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 16:49	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:49	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 16:49	VX111025

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	51.5			70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	45.0			70 (75) - 130 (124)	90%	SPK: 50
2037-26-5	Toluene-d8	48.4			70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.0			70 (77) - 130 (121)	114%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	175000
540-36-3	1,4-Difluorobenzene	339000
3114-55-4	Chlorobenzene-d5	347000
3855-82-1	1,4-Dichlorobenzene-d4	188000

TENTATIVE IDENTIFIED COMPOUNDS

60-29-7	Diethyl Ether	230	J		2.14	ug/L
75-65-0	Tert butyl alcohol	150	J		2.93	ug/L
108-20-3	Diisopropyl ether	150	J		3.75	ug/L
109-99-9	Tetrahydrofuran	480	J		4.98	ug/L
103-65-1	n-propylbenzene	1.00	J		11.3	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.32	J		11.7	ug/L
004829-04-3	1,3-Dithiolane	5.20	J		11.8	ug/L
000470-67-7	7-Oxabicyclo[2.2.1]heptane, 1-meth	5.50	J		11.9	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