

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SED-1RE
Lab Sample ID: Q3586-01RE
Analytical Method: 8260D
Sample Wt/Vol: 7.78 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/06/25
Date Received: 11/07/25
SDG No.: Q3586
Matrix: SOIL
% Solid: 62.9
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.20	U	1	1.20	5.10	ug/Kg	11/12/25 13:14	VY111225
74-87-3	Chloromethane	1.20	U	1	1.20	5.10	ug/Kg	11/12/25 13:14	VY111225
75-01-4	Vinyl Chloride	0.81	U	1	0.81	5.10	ug/Kg	11/12/25 13:14	VY111225
74-83-9	Bromomethane	1.10	U	1	1.10	5.10	ug/Kg	11/12/25 13:14	VY111225
75-00-3	Chloroethane	1.30	U	1	1.30	5.10	ug/Kg	11/12/25 13:14	VY111225
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.10	ug/Kg	11/12/25 13:14	VY111225
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.10	ug/Kg	11/12/25 13:14	VY111225
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.10	ug/Kg	11/12/25 13:14	VY111225
67-64-1	Acetone	11.8	J	1	4.80	25.5	ug/Kg	11/12/25 13:14	VY111225
75-15-0	Carbon Disulfide	3.50	J	1	1.10	5.10	ug/Kg	11/12/25 13:14	VY111225
1634-04-4	Methyl tert-butyl Ether	0.75	U	1	0.75	5.10	ug/Kg	11/12/25 13:14	VY111225
79-20-9	Methyl Acetate	1.60	U	1	1.60	5.10	ug/Kg	11/12/25 13:14	VY111225
75-09-2	Methylene Chloride	5.10	J	1	3.60	10.2	ug/Kg	11/12/25 13:14	VY111225
156-60-5	trans-1,2-Dichloroethene	0.88	U	1	0.88	5.10	ug/Kg	11/12/25 13:14	VY111225
75-34-3	1,1-Dichloroethane	0.82	U	1	0.82	5.10	ug/Kg	11/12/25 13:14	VY111225
110-82-7	Cyclohexane	0.81	U	1	0.81	5.10	ug/Kg	11/12/25 13:14	VY111225
78-93-3	2-Butanone	6.70	U	1	6.70	25.5	ug/Kg	11/12/25 13:14	VY111225
56-23-5	Carbon Tetrachloride	0.99	U	1	0.99	5.10	ug/Kg	11/12/25 13:14	VY111225
156-59-2	cis-1,2-Dichloroethene	0.77	U	1	0.77	5.10	ug/Kg	11/12/25 13:14	VY111225
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.10	ug/Kg	11/12/25 13:14	VY111225
67-66-3	Chloroform	0.86	U	1	0.86	5.10	ug/Kg	11/12/25 13:14	VY111225
71-55-6	1,1,1-Trichloroethane	0.95	U	1	0.95	5.10	ug/Kg	11/12/25 13:14	VY111225
108-87-2	Methylcyclohexane	0.93	U	1	0.93	5.10	ug/Kg	11/12/25 13:14	VY111225
71-43-2	Benzene	0.81	U	1	0.81	5.10	ug/Kg	11/12/25 13:14	VY111225
107-06-2	1,2-Dichloroethane	0.81	U	1	0.81	5.10	ug/Kg	11/12/25 13:14	VY111225
79-01-6	Trichloroethene	0.83	U	1	0.83	5.10	ug/Kg	11/12/25 13:14	VY111225
78-87-5	1,2-Dichloropropane	0.93	U	1	0.93	5.10	ug/Kg	11/12/25 13:14	VY111225
75-27-4	Bromodichloromethane	0.80	U	1	0.80	5.10	ug/Kg	11/12/25 13:14	VY111225
108-10-1	4-Methyl-2-Pentanone	3.70	U	1	3.70	25.5	ug/Kg	11/12/25 13:14	VY111225
108-88-3	Toluene	0.80	U	1	0.80	5.10	ug/Kg	11/12/25 13:14	VY111225
10061-02-6	t-1,3-Dichloropropene	0.66	U	1	0.66	5.10	ug/Kg	11/12/25 13:14	VY111225
10061-01-5	cis-1,3-Dichloropropene	0.63	U	1	0.63	5.10	ug/Kg	11/12/25 13:14	VY111225
79-00-5	1,1,2-Trichloroethane	0.94	U	1	0.94	5.10	ug/Kg	11/12/25 13:14	VY111225
591-78-6	2-Hexanone	3.80	U	1	3.80	25.5	ug/Kg	11/12/25 13:14	VY111225
124-48-1	Dibromochloromethane	0.89	U	1	0.89	5.10	ug/Kg	11/12/25 13:14	VY111225
106-93-4	1,2-Dibromoethane	0.90	U	1	0.90	5.10	ug/Kg	11/12/25 13:14	VY111225
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.10	ug/Kg	11/12/25 13:14	VY111225
108-90-7	Chlorobenzene	0.93	U	1	0.93	5.10	ug/Kg	11/12/25 13:14	VY111225
100-41-4	Ethyl Benzene	0.68	U	1	0.68	5.10	ug/Kg	11/12/25 13:14	VY111225
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.2	ug/Kg	11/12/25 13:14	VY111225
95-47-6	o-Xylene	0.84	U	1	0.84	5.10	ug/Kg	11/12/25 13:14	VY111225
100-42-5	Styrene	0.73	U	1	0.73	5.10	ug/Kg	11/12/25 13:14	VY111225
75-25-2	Bromoform	0.88	U	1	0.88	5.10	ug/Kg	11/12/25 13:14	VY111225

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.80	U	1	0.80	5.10	ug/Kg	11/12/25 13:14	VY111225
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.10	ug/Kg	11/12/25 13:14	VY111225
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.10	ug/Kg	11/12/25 13:14	VY111225
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.10	ug/Kg	11/12/25 13:14	VY111225
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.10	ug/Kg	11/12/25 13:14	VY111225
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1	1.90	5.10	ug/Kg	11/12/25 13:14	VY111225
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.10	ug/Kg	11/12/25 13:14	VY111225
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.10	ug/Kg	11/12/25 13:14	VY111225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	36.5			70 (63) - 130 (155)	73%	SPK: 50
1868-53-7	Dibromofluoromethane	46.8			70 (70) - 130 (134)	94%	SPK: 50
2037-26-5	Toluene-d8	49.3			70 (74) - 130 (123)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	33.6	*		70 (52) - 130 (138)	67%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	90700
540-36-3	1,4-Difluorobenzene	111000
3114-55-4	Chlorobenzene-d5	77900
3855-82-1	1,4-Dichlorobenzene-d4	23500

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