

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	04/25/23
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	04/26/23
Client Sample ID:	WO-4RE	SDG No.:	O2505
Lab Sample ID:	O2505-04RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	49.2
Sample Wt/Vol:	3.96 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY013605.D	1		05/04/23 17:13	VY050423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	4.20	U	4.20	12.8	ug/Kg
74-87-3	Chloromethane	2.30	U	2.30	12.8	ug/Kg
75-01-4	Vinyl Chloride	2.40	U	2.40	12.8	ug/Kg
74-83-9	Bromomethane	3.10	U	3.10	12.8	ug/Kg
75-00-3	Chloroethane	2.30	U	2.30	12.8	ug/Kg
75-69-4	Trichlorofluoromethane	2.70	U	2.70	12.8	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.80	U	1.80	12.8	ug/Kg
75-35-4	1,1-Dichloroethene	2.00	U	2.00	12.8	ug/Kg
67-64-1	Acetone	61.4	J	24.1	64.2	ug/Kg
75-15-0	Carbon Disulfide	5.60	U	5.60	12.8	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.70	U	1.70	12.8	ug/Kg
79-20-9	Methyl Acetate	4.20	U	4.20	12.8	ug/Kg
75-09-2	Methylene Chloride	15.5	U	15.5	25.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.90	U	1.90	12.8	ug/Kg
75-34-3	1,1-Dichloroethane	1.80	U	1.80	12.8	ug/Kg
110-82-7	Cyclohexane	1.80	U	1.80	12.8	ug/Kg
78-93-3	2-Butanone	18.7	U	18.7	64.2	ug/Kg
56-23-5	Carbon Tetrachloride	2.00	U	2.00	12.8	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.60	U	1.60	12.8	ug/Kg
74-97-5	Bromochloromethane	6.10	U	6.10	12.8	ug/Kg
67-66-3	Chloroform	3.40	U	3.40	12.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.00	U	2.00	12.8	ug/Kg
108-87-2	Methylcyclohexane	8.60	U	8.60	12.8	ug/Kg
71-43-2	Benzene	1.70	U	1.70	12.8	ug/Kg
107-06-2	1,2-Dichloroethane	1.80	U	1.80	12.8	ug/Kg
79-01-6	Trichloroethene	1.70	U	1.70	12.8	ug/Kg
78-87-5	1,2-Dichloropropane	1.50	U	1.50	12.8	ug/Kg
75-27-4	Bromodichloromethane	1.80	U	1.80	12.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11.6	U	11.6	64.2	ug/Kg
108-88-3	Toluene	1.70	U	1.70	12.8	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.00	U	2.00	12.8	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.90	U	1.90	12.8	ug/Kg

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79-00-5	1,1,2-Trichloroethane	2.20	U	2.20	12.8	ug/Kg
591-78-6	2-Hexanone	13.5	U	13.5	64.2	ug/Kg
124-48-1	Dibromochloromethane	2.20	U	2.20	12.8	ug/Kg
106-93-4	1,2-Dibromoethane	2.00	U	2.00	12.8	ug/Kg
127-18-4	Tetrachloroethene	8.40	J	2.00	12.8	ug/Kg
108-90-7	Chlorobenzene	1.60	U	1.60	12.8	ug/Kg
100-41-4	Ethyl Benzene	1.70	U	1.70	12.8	ug/Kg
179601-23-1	m/p-Xylenes	3.60	U	3.60	25.7	ug/Kg
95-47-6	o-Xylene	2.00	U	2.00	12.8	ug/Kg
100-42-5	Styrene	1.80	U	1.80	12.8	ug/Kg
75-25-2	Bromoform	2.40	U	2.40	12.8	ug/Kg
98-82-8	Isopropylbenzene	1.80	U	1.80	12.8	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.70	U	2.70	12.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	12.8	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	1.50	12.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	12.8	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.10	U	3.10	12.8	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.60	U	1.60	12.8	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.60	U	1.60	12.8	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.9		70 (50) - 130 (163)	120%	SPK: 50
1868-53-7	Dibromofluoromethane	54.3		70 (54) - 130 (147)	109%	SPK: 50
2037-26-5	Toluene-d8	49.1		70 (58) - 130 (134)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	31.1	*	70 (30) - 130 (143)	62%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	185000	7.789			
540-36-3	1,4-Difluorobenzene	290000	8.691			
3114-55-4	Chlorobenzene-d5	196000	11.49			
3855-82-1	1,4-Dichlorobenzene-d4	51000	13.422			

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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