

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-5ME	SDG No.:	O2505
Lab Sample ID:	O2505-05ME	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	48.2
Sample Wt/Vol:	5.07 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX035583.D	1		05/10/23 13:53	VX051023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	170	UD	170	510	ug/Kg
74-87-3	Chloromethane	93.1	UD	93.1	510	ug/Kg
75-01-4	Vinyl Chloride	95.1	UD	95.1	510	ug/Kg
74-83-9	Bromomethane	120	UD	120	510	ug/Kg
75-00-3	Chloroethane	90.0	UD	90.0	510	ug/Kg
75-69-4	Trichlorofluoromethane	110	UD	110	510	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	73.7	UD	73.7	510	ug/Kg
75-35-4	1,1-Dichloroethene	80.8	UD	80.8	510	ug/Kg
67-64-1	Acetone	1200	JD	960	2600	ug/Kg
75-15-0	Carbon Disulfide	230	UD	230	510	ug/Kg
1634-04-4	Methyl tert-butyl Ether	66.5	UD	66.5	510	ug/Kg
79-20-9	Methyl Acetate	1400	D	170	510	ug/Kg
75-09-2	Methylene Chloride	620	UD	620	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	74.7	UD	74.7	510	ug/Kg
75-34-3	1,1-Dichloroethane	73.7	UD	73.7	510	ug/Kg
110-82-7	Cyclohexane	71.6	UD	71.6	510	ug/Kg
78-93-3	2-Butanone	740	UD	740	2600	ug/Kg
56-23-5	Carbon Tetrachloride	79.8	UD	79.8	510	ug/Kg
156-59-2	cis-1,2-Dichloroethene	65.5	UD	65.5	510	ug/Kg
74-97-5	Bromochloromethane	240	UD	240	510	ug/Kg
67-66-3	Chloroform	140	UD	140	510	ug/Kg
71-55-6	1,1,1-Trichloroethane	77.7	UD	77.7	510	ug/Kg
108-87-2	Methylcyclohexane	340	UD	340	510	ug/Kg
71-43-2	Benzene	67.5	UD	67.5	510	ug/Kg
107-06-2	1,2-Dichloroethane	73.7	UD	73.7	510	ug/Kg
79-01-6	Trichloroethene	67.5	UD	67.5	510	ug/Kg
78-87-5	1,2-Dichloropropane	60.4	UD	60.4	510	ug/Kg
75-27-4	Bromodichloromethane	71.6	UD	71.6	510	ug/Kg
108-10-1	4-Methyl-2-Pentanone	460	UD	460	2600	ug/Kg
108-88-3	Toluene	820	D	66.5	510	ug/Kg
10061-02-6	t-1,3-Dichloropropene	78.8	UD	78.8	510	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	75.7	UD	75.7	510	ug/Kg

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79-00-5	1,1,2-Trichloroethane	88.0	UD	88.0	510	ug/Kg
591-78-6	2-Hexanone	540	UD	540	2600	ug/Kg
124-48-1	Dibromochloromethane	87.0	UD	87.0	510	ug/Kg
106-93-4	1,2-Dibromoethane	80.8	UD	80.8	510	ug/Kg
127-18-4	Tetrachloroethene	97.3	JD	78.8	510	ug/Kg
108-90-7	Chlorobenzene	64.5	UD	64.5	510	ug/Kg
100-41-4	Ethyl Benzene	110	JD	68.5	510	ug/Kg
179601-23-1	m/p-Xylenes	470	JD	150	1000	ug/Kg
95-47-6	o-Xylene	280	JD	78.8	510	ug/Kg
100-42-5	Styrene	70.6	UD	70.6	510	ug/Kg
75-25-2	Bromoform	97.2	UD	97.2	510	ug/Kg
98-82-8	Isopropylbenzene	72.6	UD	72.6	510	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	110	UD	110	510	ug/Kg
541-73-1	1,3-Dichlorobenzene	69.6	UD	69.6	510	ug/Kg
106-46-7	1,4-Dichlorobenzene	61.4	UD	61.4	510	ug/Kg
95-50-1	1,2-Dichlorobenzene	61.4	UD	61.4	510	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	120	UD	120	510	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	62.4	UD	62.4	510	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	64.5	UD	64.5	510	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	42.7		70 (50) - 130 (163)	85%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		70 (54) - 130 (147)	96%	SPK: 50
2037-26-5	Toluene-d8	49.5		70 (58) - 130 (134)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		70 (30) - 130 (143)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	320000	5.544			
540-36-3	1,4-Difluorobenzene	523000	6.757			
3114-55-4	Chlorobenzene-d5	483000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	243000	12.024			

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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