

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-5	SDG No.:	O2505
Lab Sample ID:	O2505-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	48.2
Sample Wt/Vol:	5.22 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
VY013598.D	1		05/04/23 14:29	VY050423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	3.20	U	3.20	9.90	ug/Kg
74-87-3	Chloromethane	1.80	U	1.80	9.90	ug/Kg
75-01-4	Vinyl Chloride	1.80	U	1.80	9.90	ug/Kg
74-83-9	Bromomethane	2.40	U	2.40	9.90	ug/Kg
75-00-3	Chloroethane	1.70	U	1.70	9.90	ug/Kg
75-69-4	Trichlorofluoromethane	2.10	U	2.10	9.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1.40	9.90	ug/Kg
75-35-4	1,1-Dichloroethene	1.60	U	1.60	9.90	ug/Kg
67-64-1	Acetone	400		18.6	49.7	ug/Kg
75-15-0	Carbon Disulfide	4.40	U	4.40	9.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.30	U	1.30	9.90	ug/Kg
79-20-9	Methyl Acetate	3.20	U	3.20	9.90	ug/Kg
75-09-2	Methylene Chloride	12.0	U	12.0	19.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.50	U	1.50	9.90	ug/Kg
75-34-3	1,1-Dichloroethane	1.40	U	1.40	9.90	ug/Kg
110-82-7	Cyclohexane	110		1.40	9.90	ug/Kg
78-93-3	2-Butanone	90.2		14.4	49.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.60	U	1.60	9.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.30	U	1.30	9.90	ug/Kg
74-97-5	Bromochloromethane	4.70	U	4.70	9.90	ug/Kg
67-66-3	Chloroform	2.60	U	2.60	9.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.50	U	1.50	9.90	ug/Kg
108-87-2	Methylcyclohexane	150		6.70	9.90	ug/Kg
71-43-2	Benzene	2.70	J	1.30	9.90	ug/Kg
107-06-2	1,2-Dichloroethane	1.40	U	1.40	9.90	ug/Kg
79-01-6	Trichloroethene	1.30	U	1.30	9.90	ug/Kg
78-87-5	1,2-Dichloropropane	1.20	U	1.20	9.90	ug/Kg
75-27-4	Bromodichloromethane	1.40	U	1.40	9.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	9.00	U	9.00	49.7	ug/Kg
108-88-3	Toluene	930	E	1.30	9.90	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.50	U	1.50	9.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.50	U	1.50	9.90	ug/Kg

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79-00-5	1,1,2-Trichloroethane	1.70	U	1.70	9.90	ug/Kg
591-78-6	2-Hexanone	10.5	U	10.5	49.7	ug/Kg
124-48-1	Dibromochloromethane	1.70	U	1.70	9.90	ug/Kg
106-93-4	1,2-Dibromoethane	1.60	U	1.60	9.90	ug/Kg
127-18-4	Tetrachloroethene	78.7		1.50	9.90	ug/Kg
108-90-7	Chlorobenzene	1.30	U	1.30	9.90	ug/Kg
100-41-4	Ethyl Benzene	150		1.30	9.90	ug/Kg
179601-23-1	m/p-Xylenes	550		2.80	19.9	ug/Kg
95-47-6	o-Xylene	450	E	1.50	9.90	ug/Kg
100-42-5	Styrene	1.40	U	1.40	9.90	ug/Kg
75-25-2	Bromoform	1.90	U	1.90	9.90	ug/Kg
98-82-8	Isopropylbenzene	110		1.40	9.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.10	U	2.10	9.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.40	U	1.40	9.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.20	U	1.20	9.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.20	U	1.20	9.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.40	U	2.40	9.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.20	U	1.20	9.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.30	U	1.30	9.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.9		70 (50) - 130 (163)	92%	SPK: 50
1868-53-7	Dibromofluoromethane	48.0		70 (54) - 130 (147)	96%	SPK: 50
2037-26-5	Toluene-d8	48.2		70 (58) - 130 (134)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	28.4	*	70 (30) - 130 (143)	57%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	223000	7.789			
540-36-3	1,4-Difluorobenzene	319000	8.691			
3114-55-4	Chlorobenzene-d5	187000	11.489			
3855-82-1	1,4-Dichlorobenzene-d4	38500	13.428			
TENTATIVE IDENTIFIED COMPOUNDS						
75-65-0	Tert butyl alcohol	96.8	J		4.97	ug/Kg
000594-82-1	Butane, 2,2,3,3-tetramethyl-	1400	J		8.32	ug/Kg
000565-75-3	Pentane, 2,3,4-trimethyl-	610	J		9.62	ug/Kg

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000560-21-4	Pentane, 2,3,3-trimethyl-	730	J		9.75	ug/Kg
103-65-1	n-propylbenzene	230	J		12.7	ug/Kg
000611-14-3	Benzene, 1-ethyl-2-methyl-	610	J		12.7	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	710	J		12.8	ug/Kg
000622-96-8	Benzene, 1-ethyl-4-methyl-	520	J		13.0	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1100	J		13.1	ug/Kg
135-98-8	sec-Butylbenzene	47.7	J		13.3	ug/Kg
99-87-6	p-Isopropyltoluene	28.9	J		13.4	ug/Kg
000611-15-4	Benzene, 1-ethenyl-2-methyl-	470	J		13.6	ug/Kg
104-51-8	n-Butylbenzene	53.3	J		13.7	ug/Kg
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	510	J		14.0	ug/Kg
000824-90-8	1-Phenyl-1-butene	290	J		14.1	ug/Kg
	unknown14.385	420	J		14.4	ug/Kg
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	500	J		14.7	ug/Kg

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