CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

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-4	SDG No.:	O2505
Lab Sample ID:	O2505-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	49.2
Sample Wt/Vol:	3.41 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
VY013590.D	1		05/03/23 18:31	VY050323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	4.90	U	4.90	14.9	ug/Kg
74-87-3	Chloromethane	2.70	U	2.70	14.9	ug/Kg
75-01-4	Vinyl Chloride	2.80	U	2.80	14.9	ug/Kg
74-83-9	Bromomethane	3.60	U	3.60	14.9	ug/Kg
75-00-3	Chloroethane	2.60	U	2.60	14.9	ug/Kg
75-69-4	Trichlorofluoromethane	3.20	U	3.20	14.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.10	U	2.10	14.9	ug/Kg
75-35-4	1,1-Dichloroethene	2.40	U	2.40	14.9	ug/Kg
67-64-1	Acetone	90.0		28.0	74.5	ug/Kg
75-15-0	Carbon Disulfide	6.60	U	6.60	14.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.90	U	1.90	14.9	ug/Kg
79-20-9	Methyl Acetate	4.80	U	4.80	14.9	ug/Kg
75-09-2	Methylene Chloride	18.0	U	18.0	29.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.20	U	2.20	14.9	ug/Kg
75-34-3	1,1-Dichloroethane	2.10	U	2.10	14.9	ug/Kg
110-82-7	Cyclohexane	4.80	J	2.10	14.9	ug/Kg
78-93-3	2-Butanone	21.7	U	21.7	74.5	ug/Kg
56-23-5	Carbon Tetrachloride	2.30	U	2.30	14.9	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.90	U	1.90	14.9	ug/Kg
74-97-5	Bromochloromethane	7.00	U	7.00	14.9	ug/Kg
67-66-3	Chloroform	3.90	U	3.90	14.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.30	U	2.30	14.9	ug/Kg
108-87-2	Methylcyclohexane	10.0	U	10.0	14.9	ug/Kg
71-43-2	Benzene	2.00	U	2.00	14.9	ug/Kg
107-06-2	1,2-Dichloroethane	2.10	U	2.10	14.9	ug/Kg
79-01-6	Trichloroethene	2.00	U	2.00	14.9	ug/Kg
78-87-5	1,2-Dichloropropane	1.80	U	1.80	14.9	ug/Kg
75-27-4	Bromodichloromethane	2.10	U	2.10	14.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	13.7	J	13.4	74.5	ug/Kg
108-88-3	Toluene	1.90	U	1.90	14.9	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.30	U	2.30	14.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.20	U	2.20	14.9	ug/Kg

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79-00-5	1,1,2-Trichloroethane	2.60	U	2.60	14.9	ug/Kg
591-78-6	2-Hexanone	15.7	U	15.7	74.5	ug/Kg
124-48-1	Dibromochloromethane	2.50	U	2.50	14.9	ug/Kg
106-93-4	1,2-Dibromoethane	2.40	U	2.40	14.9	ug/Kg
127-18-4	Tetrachloroethene	32.9		2.30	14.9	ug/Kg
108-90-7	Chlorobenzene	1.90	U	1.90	14.9	ug/Kg
100-41-4	Ethyl Benzene	2.00	U	2.00	14.9	ug/Kg
179601-23-1	m/p-Xylenes	4.20	U	4.20	29.8	ug/Kg
95-47-6	o-Xylene	2.30	U	2.30	14.9	ug/Kg
100-42-5	Styrene	2.10	U	2.10	14.9	ug/Kg
75-25-2	Bromoform	2.80	U	2.80	14.9	ug/Kg
98-82-8	Isopropylbenzene	2.10	U	2.10	14.9	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	3.20	U	3.20	14.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.00	U	2.00	14.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.80	U	1.80	14.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.80	U	1.80	14.9	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.50	U	3.50	14.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.80	U	1.80	14.9	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.90	U	1.90	14.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.5		70 (50) - 130 (163)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		70 (54) - 130 (147)	99%	SPK: 50
2037-26-5	Toluene-d8	48.8		70 (58) - 130 (134)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	29.9	*	70 (30) - 130 (143)	60%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	177000	7.789			
540-36-3	1,4-Difluorobenzene	265000	8.685			
3114-55-4	Chlorobenzene-d5	172000	11.49			
3855-82-1	1,4-Dichlorobenzene-d4	47600	13.422			
TENTATIVE IDENTIFIED COMPOUNDS						
004057-42-5	2-Octene, 2,6-dimethyl-	150	J		12.6	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5.00	J		12.8	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	8.30	J		13.1	ug/Kg

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1000382-54-7	Carbonic acid, tridecyl vinyl este	150	J		13.3	ug/Kg
99-87-6	p-Isopropyltoluene	4.30	J		13.4	ug/Kg
003522-94-9	Hexane, 2,2,5-trimethyl-	130	J		13.5	ug/Kg
000493-02-7	Naphthalene, decahydro-, trans-	150	J		13.7	ug/Kg
000281-23-2	Adamantane	140	J		14.1	ug/Kg
1000301-14-4	2-Adamantan-1-yl-5-(4-nitro-1H-pyr	180	J		14.3	ug/Kg
1000460-67-0	1,4-Dimethyladamantane (isomer 1)	190	J		14.4	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	160	J		14.4	ug/Kg
024139-37-5	1,3,6-Trimethyladamantane	150	J		14.5	ug/Kg
000700-56-1	2-Methyladamantane	170	J		14.9	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