

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-SO3-028010-202510
Lab Sample ID: Q3363-03
Analytical Method: 8260D
Sample Wt/Vol: 3.6 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/15/25
Date Received: 10/15/25
SDG No.: Q3363
Matrix: SOIL
% Solid: 54.8
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	12.7	U	1	2.90	12.7	ug/Kg	10/16/25 13:51	VY101625
74-87-3	Chloromethane	12.7	U	1	2.90	12.7	ug/Kg	10/16/25 13:51	VY101625
75-01-4	Vinyl Chloride	12.7	U	1	2.00	12.7	ug/Kg	10/16/25 13:51	VY101625
74-83-9	Bromomethane	12.7	U	1	2.70	12.7	ug/Kg	10/16/25 13:51	VY101625
75-00-3	Chloroethane	12.7	U	1	3.20	12.7	ug/Kg	10/16/25 13:51	VY101625
75-69-4	Trichlorofluoromethane	12.7	U	1	3.10	12.7	ug/Kg	10/16/25 13:51	VY101625
76-13-1	1,1,2-Trichlorotrifluoroethane	12.7	U	1	2.70	12.7	ug/Kg	10/16/25 13:51	VY101625
75-35-4	1,1-Dichloroethene	12.7	U	1	2.50	12.7	ug/Kg	10/16/25 13:51	VY101625
67-64-1	Acetone	110		1	12.0	63.4	ug/Kg	10/16/25 13:51	VY101625
75-15-0	Carbon Disulfide	6.50	J	1	2.70	12.7	ug/Kg	10/16/25 13:51	VY101625
1634-04-4	Methyl tert-butyl Ether	12.7	U	1	1.90	12.7	ug/Kg	10/16/25 13:51	VY101625
79-20-9	Methyl Acetate	12.7	U	1	3.90	12.7	ug/Kg	10/16/25 13:51	VY101625
75-09-2	Methylene Chloride	25.3	U	1	8.90	25.3	ug/Kg	10/16/25 13:51	VY101625
156-60-5	trans-1,2-Dichloroethene	12.7	U	1	2.20	12.7	ug/Kg	10/16/25 13:51	VY101625
75-34-3	1,1-Dichloroethane	12.7	U	1	2.00	12.7	ug/Kg	10/16/25 13:51	VY101625
110-82-7	Cyclohexane	12.7	U	1	2.00	12.7	ug/Kg	10/16/25 13:51	VY101625
78-93-3	2-Butanone	37.1	J	1	16.6	63.4	ug/Kg	10/16/25 13:51	VY101625
56-23-5	Carbon Tetrachloride	12.7	U	1	2.50	12.7	ug/Kg	10/16/25 13:51	VY101625
156-59-2	cis-1,2-Dichloroethene	12.7	U	1	1.90	12.7	ug/Kg	10/16/25 13:51	VY101625
74-97-5	Bromochloromethane	12.7	U	1	2.90	12.7	ug/Kg	10/16/25 13:51	VY101625
67-66-3	Chloroform	12.7	U	1	2.10	12.7	ug/Kg	10/16/25 13:51	VY101625
71-55-6	1,1,1-Trichloroethane	12.7	U	1	2.40	12.7	ug/Kg	10/16/25 13:51	VY101625
108-87-2	Methylcyclohexane	79.7		1	2.30	12.7	ug/Kg	10/16/25 13:51	VY101625
71-43-2	Benzene	4.40	J	1	2.00	12.7	ug/Kg	10/16/25 13:51	VY101625
107-06-2	1,2-Dichloroethane	12.7	U	1	2.00	12.7	ug/Kg	10/16/25 13:51	VY101625
79-01-6	Trichloroethene	12.7	U	1	2.10	12.7	ug/Kg	10/16/25 13:51	VY101625
78-87-5	1,2-Dichloropropane	12.7	U	1	2.30	12.7	ug/Kg	10/16/25 13:51	VY101625
75-27-4	Bromodichloromethane	12.7	U	1	2.00	12.7	ug/Kg	10/16/25 13:51	VY101625
108-10-1	4-Methyl-2-Pentanone	63.4	U	1	9.10	63.4	ug/Kg	10/16/25 13:51	VY101625
108-88-3	Toluene	12.7	U	1	2.00	12.7	ug/Kg	10/16/25 13:51	VY101625
10061-02-6	t-1,3-Dichloropropene	12.7	U	1	1.60	12.7	ug/Kg	10/16/25 13:51	VY101625
10061-01-5	cis-1,3-Dichloropropene	12.7	U	1	1.60	12.7	ug/Kg	10/16/25 13:51	VY101625
79-00-5	1,1,2-Trichloroethane	12.7	U	1	2.30	12.7	ug/Kg	10/16/25 13:51	VY101625
591-78-6	2-Hexanone	63.4	U	1	9.40	63.4	ug/Kg	10/16/25 13:51	VY101625
124-48-1	Dibromochloromethane	12.7	U	1	2.20	12.7	ug/Kg	10/16/25 13:51	VY101625
106-93-4	1,2-Dibromoethane	12.7	U	1	2.20	12.7	ug/Kg	10/16/25 13:51	VY101625
127-18-4	Tetrachloroethene	12.7	U	1	2.70	12.7	ug/Kg	10/16/25 13:51	VY101625
108-90-7	Chlorobenzene	12.7	U	1	2.30	12.7	ug/Kg	10/16/25 13:51	VY101625
100-41-4	Ethyl Benzene	12.7	U	1	1.70	12.7	ug/Kg	10/16/25 13:51	VY101625
179601-23-1	m/p-Xylenes	5.30	J	1	3.10	25.3	ug/Kg	10/16/25 13:51	VY101625
95-47-6	o-Xylene	12.0	J	1	2.10	12.7	ug/Kg	10/16/25 13:51	VY101625
100-42-5	Styrene	12.7	U	1	1.80	12.7	ug/Kg	10/16/25 13:51	VY101625
75-25-2	Bromoform	12.7	U	1	2.20	12.7	ug/Kg	10/16/25 13:51	VY101625

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	12.7	U	1	2.00	12.7	ug/Kg	10/16/25 13:51	VY101625
79-34-5	1,1,2,2-Tetrachloroethane	12.7	U	1	3.10	12.7	ug/Kg	10/16/25 13:51	VY101625
541-73-1	1,3-Dichlorobenzene	12.7	U	1	4.30	12.7	ug/Kg	10/16/25 13:51	VY101625
106-46-7	1,4-Dichlorobenzene	12.7	U	1	4.00	12.7	ug/Kg	10/16/25 13:51	VY101625
95-50-1	1,2-Dichlorobenzene	12.7	U	1	3.70	12.7	ug/Kg	10/16/25 13:51	VY101625
96-12-8	1,2-Dibromo-3-Chloropropane	12.7	U	1	4.70	12.7	ug/Kg	10/16/25 13:51	VY101625
120-82-1	1,2,4-Trichlorobenzene	12.7	U	1	7.50	12.7	ug/Kg	10/16/25 13:51	VY101625
87-61-6	1,2,3-Trichlorobenzene	12.7	U	1	8.10	12.7	ug/Kg	10/16/25 13:51	VY101625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	62.0			63 - 155	124%	SPK: 50
1868-53-7	Dibromofluoromethane	53.7			70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	54.6			74 - 123	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.9			17 - 146	120%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	619000
540-36-3	1,4-Difluorobenzene	1210000
3114-55-4	Chlorobenzene-d5	1180000
3855-82-1	1,4-Dichlorobenzene-d4	476000

TENTATIVE IDENTIFIED COMPOUNDS

015869-94-0	Octane, 3,6-dimethyl-	170	J		12.0	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	12.3	J		12.7	ug/Kg
000141-70-8	Heptane, 2,2,6,6-tetramethyl-4-met	250	J		12.9	ug/Kg
000123-48-8	3-Heptene, 2,2,4,6,6-pentamethyl-	240	J		12.9	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	14.2	J		13.0	ug/Kg
000091-17-8	Naphthalene, decahydro-	150	J		13.7	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	160	J		14.6	ug/Kg
002051-30-1	Octane, 2,6-dimethyl-	150	J		15.1	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