

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-SO3-010013-202510
Lab Sample ID: Q3363-04
Analytical Method: 8260D
Sample Wt/Vol: 4.47 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/15/25
Date Received: 10/15/25
SDG No.: Q3363
Matrix: SOIL
% Solid: 51.5
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	10.9	U	1	2.50	10.9	ug/Kg	10/16/25 14:14	VY101625
74-87-3	Chloromethane	10.9	U	1	2.50	10.9	ug/Kg	10/16/25 14:14	VY101625
75-01-4	Vinyl Chloride	10.9	U	1	1.70	10.9	ug/Kg	10/16/25 14:14	VY101625
74-83-9	Bromomethane	10.9	U	1	2.30	10.9	ug/Kg	10/16/25 14:14	VY101625
75-00-3	Chloroethane	10.9	U	1	2.70	10.9	ug/Kg	10/16/25 14:14	VY101625
75-69-4	Trichlorofluoromethane	10.9	U	1	2.60	10.9	ug/Kg	10/16/25 14:14	VY101625
76-13-1	1,1,2-Trichlorotrifluoroethane	10.9	U	1	2.30	10.9	ug/Kg	10/16/25 14:14	VY101625
75-35-4	1,1-Dichloroethene	10.9	U	1	2.20	10.9	ug/Kg	10/16/25 14:14	VY101625
67-64-1	Acetone	110		1	10.3	54.3	ug/Kg	10/16/25 14:14	VY101625
75-15-0	Carbon Disulfide	4.90	J	1	2.30	10.9	ug/Kg	10/16/25 14:14	VY101625
1634-04-4	Methyl tert-butyl Ether	10.9	U	1	1.60	10.9	ug/Kg	10/16/25 14:14	VY101625
79-20-9	Methyl Acetate	10.9	U	1	3.30	10.9	ug/Kg	10/16/25 14:14	VY101625
75-09-2	Methylene Chloride	21.7	U	1	7.70	21.7	ug/Kg	10/16/25 14:14	VY101625
156-60-5	trans-1,2-Dichloroethene	10.9	U	1	1.90	10.9	ug/Kg	10/16/25 14:14	VY101625
75-34-3	1,1-Dichloroethane	10.9	U	1	1.70	10.9	ug/Kg	10/16/25 14:14	VY101625
110-82-7	Cyclohexane	10.9	U	1	1.70	10.9	ug/Kg	10/16/25 14:14	VY101625
78-93-3	2-Butanone	34.5	J	1	14.2	54.3	ug/Kg	10/16/25 14:14	VY101625
56-23-5	Carbon Tetrachloride	10.9	U	1	2.10	10.9	ug/Kg	10/16/25 14:14	VY101625
156-59-2	cis-1,2-Dichloroethene	10.9	U	1	1.60	10.9	ug/Kg	10/16/25 14:14	VY101625
74-97-5	Bromochloromethane	10.9	U	1	2.50	10.9	ug/Kg	10/16/25 14:14	VY101625
67-66-3	Chloroform	10.9	U	1	1.80	10.9	ug/Kg	10/16/25 14:14	VY101625
71-55-6	1,1,1-Trichloroethane	10.9	U	1	2.00	10.9	ug/Kg	10/16/25 14:14	VY101625
108-87-2	Methylcyclohexane	30.9		1	2.00	10.9	ug/Kg	10/16/25 14:14	VY101625
71-43-2	Benzene	10.9	U	1	1.70	10.9	ug/Kg	10/16/25 14:14	VY101625
107-06-2	1,2-Dichloroethane	10.9	U	1	1.70	10.9	ug/Kg	10/16/25 14:14	VY101625
79-01-6	Trichloroethene	10.9	U	1	1.80	10.9	ug/Kg	10/16/25 14:14	VY101625
78-87-5	1,2-Dichloropropane	10.9	U	1	2.00	10.9	ug/Kg	10/16/25 14:14	VY101625
75-27-4	Bromodichloromethane	10.9	U	1	1.70	10.9	ug/Kg	10/16/25 14:14	VY101625
108-10-1	4-Methyl-2-Pentanone	54.3	U	1	7.80	54.3	ug/Kg	10/16/25 14:14	VY101625
108-88-3	Toluene	10.9	U	1	1.70	10.9	ug/Kg	10/16/25 14:14	VY101625
10061-02-6	t-1,3-Dichloropropene	10.9	U	1	1.40	10.9	ug/Kg	10/16/25 14:14	VY101625
10061-01-5	cis-1,3-Dichloropropene	10.9	U	1	1.30	10.9	ug/Kg	10/16/25 14:14	VY101625
79-00-5	1,1,2-Trichloroethane	10.9	U	1	2.00	10.9	ug/Kg	10/16/25 14:14	VY101625
591-78-6	2-Hexanone	54.3	U	1	8.00	54.3	ug/Kg	10/16/25 14:14	VY101625
124-48-1	Dibromochloromethane	10.9	U	1	1.90	10.9	ug/Kg	10/16/25 14:14	VY101625
106-93-4	1,2-Dibromoethane	10.9	U	1	1.90	10.9	ug/Kg	10/16/25 14:14	VY101625
127-18-4	Tetrachloroethene	10.9	U	1	2.30	10.9	ug/Kg	10/16/25 14:14	VY101625
108-90-7	Chlorobenzene	10.9	U	1	2.00	10.9	ug/Kg	10/16/25 14:14	VY101625
100-41-4	Ethyl Benzene	10.9	U	1	1.50	10.9	ug/Kg	10/16/25 14:14	VY101625
179601-23-1	m/p-Xylenes	21.7	U	1	2.70	21.7	ug/Kg	10/16/25 14:14	VY101625
95-47-6	o-Xylene	10.9	U	1	1.80	10.9	ug/Kg	10/16/25 14:14	VY101625
100-42-5	Styrene	10.9	U	1	1.50	10.9	ug/Kg	10/16/25 14:14	VY101625
75-25-2	Bromoform	10.9	U	1	1.90	10.9	ug/Kg	10/16/25 14:14	VY101625

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	10.9	U	1	1.70	10.9	ug/Kg	10/16/25 14:14	VY101625
79-34-5	1,1,2,2-Tetrachloroethane	10.9	U	1	2.60	10.9	ug/Kg	10/16/25 14:14	VY101625
541-73-1	1,3-Dichlorobenzene	10.9	U	1	3.70	10.9	ug/Kg	10/16/25 14:14	VY101625
106-46-7	1,4-Dichlorobenzene	10.9	U	1	3.40	10.9	ug/Kg	10/16/25 14:14	VY101625
95-50-1	1,2-Dichlorobenzene	10.9	U	1	3.10	10.9	ug/Kg	10/16/25 14:14	VY101625
96-12-8	1,2-Dibromo-3-Chloropropane	10.9	U	1	4.00	10.9	ug/Kg	10/16/25 14:14	VY101625
120-82-1	1,2,4-Trichlorobenzene	10.9	U	1	6.50	10.9	ug/Kg	10/16/25 14:14	VY101625
87-61-6	1,2,3-Trichlorobenzene	10.9	U	1	6.90	10.9	ug/Kg	10/16/25 14:14	VY101625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	61.0			63 - 155	122%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.4			70 - 134	107%	SPK: 50		
2037-26-5	Toluene-d8	53.5			74 - 123	107%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.6			17 - 146	111%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	633000							
540-36-3	1,4-Difluorobenzene	1210000							
3114-55-4	Chlorobenzene-d5	1200000							
3855-82-1	1,4-Dichlorobenzene-d4	469000							
TENTATIVE IDENTIFIED COMPOUNDS									
000091-17-8	Naphthalene, decahydro-	120	J			13.7	ug/Kg		
017301-23-4	Undecane, 2,6-dimethyl-	120	J			14.6	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