

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-SO1-085011-202510
Lab Sample ID: Q3363-01
Analytical Method: 8260D
Sample Wt/Vol: 5.55 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/15/25
Date Received: 10/15/25
SDG No.: Q3363
Matrix: SOIL
% Solid: 50.1
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	9.00	U	1	2.00	9.00	ug/Kg	10/16/25 12:57	VY101625
74-87-3	Chloromethane	9.00	U	1	2.00	9.00	ug/Kg	10/16/25 12:57	VY101625
75-01-4	Vinyl Chloride	9.00	U	1	1.40	9.00	ug/Kg	10/16/25 12:57	VY101625
74-83-9	Bromomethane	9.00	U	1	1.90	9.00	ug/Kg	10/16/25 12:57	VY101625
75-00-3	Chloroethane	9.00	U	1	2.30	9.00	ug/Kg	10/16/25 12:57	VY101625
75-69-4	Trichlorofluoromethane	9.00	U	1	2.20	9.00	ug/Kg	10/16/25 12:57	VY101625
76-13-1	1,1,2-Trichlorotrifluoroethane	9.00	U	1	1.90	9.00	ug/Kg	10/16/25 12:57	VY101625
75-35-4	1,1-Dichloroethene	9.00	U	1	1.80	9.00	ug/Kg	10/16/25 12:57	VY101625
67-64-1	Acetone	110		1	8.50	45.0	ug/Kg	10/16/25 12:57	VY101625
75-15-0	Carbon Disulfide	3.50	J	1	1.90	9.00	ug/Kg	10/16/25 12:57	VY101625
1634-04-4	Methyl tert-butyl Ether	9.00	U	1	1.30	9.00	ug/Kg	10/16/25 12:57	VY101625
79-20-9	Methyl Acetate	9.00	U	1	2.80	9.00	ug/Kg	10/16/25 12:57	VY101625
75-09-2	Methylene Chloride	18.0	U	1	6.30	18.0	ug/Kg	10/16/25 12:57	VY101625
156-60-5	trans-1,2-Dichloroethene	9.00	U	1	1.50	9.00	ug/Kg	10/16/25 12:57	VY101625
75-34-3	1,1-Dichloroethane	9.00	U	1	1.40	9.00	ug/Kg	10/16/25 12:57	VY101625
110-82-7	Cyclohexane	9.00	U	1	1.40	9.00	ug/Kg	10/16/25 12:57	VY101625
78-93-3	2-Butanone	34.6	J	1	11.8	45.0	ug/Kg	10/16/25 12:57	VY101625
56-23-5	Carbon Tetrachloride	9.00	U	1	1.70	9.00	ug/Kg	10/16/25 12:57	VY101625
156-59-2	cis-1,2-Dichloroethene	9.00	U	1	1.30	9.00	ug/Kg	10/16/25 12:57	VY101625
74-97-5	Bromochloromethane	9.00	U	1	2.10	9.00	ug/Kg	10/16/25 12:57	VY101625
67-66-3	Chloroform	9.00	U	1	1.50	9.00	ug/Kg	10/16/25 12:57	VY101625
71-55-6	1,1,1-Trichloroethane	9.00	U	1	1.70	9.00	ug/Kg	10/16/25 12:57	VY101625
108-87-2	Methylcyclohexane	49.9		1	1.60	9.00	ug/Kg	10/16/25 12:57	VY101625
71-43-2	Benzene	9.00	U	1	1.40	9.00	ug/Kg	10/16/25 12:57	VY101625
107-06-2	1,2-Dichloroethane	9.00	U	1	1.40	9.00	ug/Kg	10/16/25 12:57	VY101625
79-01-6	Trichloroethene	9.00	U	1	1.50	9.00	ug/Kg	10/16/25 12:57	VY101625
78-87-5	1,2-Dichloropropane	9.00	U	1	1.60	9.00	ug/Kg	10/16/25 12:57	VY101625
75-27-4	Bromodichloromethane	9.00	U	1	1.40	9.00	ug/Kg	10/16/25 12:57	VY101625
108-10-1	4-Methyl-2-Pentanone	45.0	U	1	6.40	45.0	ug/Kg	10/16/25 12:57	VY101625
108-88-3	Toluene	9.00	U	1	1.40	9.00	ug/Kg	10/16/25 12:57	VY101625
10061-02-6	t-1,3-Dichloropropene	9.00	U	1	1.20	9.00	ug/Kg	10/16/25 12:57	VY101625
10061-01-5	cis-1,3-Dichloropropene	9.00	U	1	1.10	9.00	ug/Kg	10/16/25 12:57	VY101625
79-00-5	1,1,2-Trichloroethane	9.00	U	1	1.70	9.00	ug/Kg	10/16/25 12:57	VY101625
591-78-6	2-Hexanone	45.0	U	1	6.60	45.0	ug/Kg	10/16/25 12:57	VY101625
124-48-1	Dibromochloromethane	9.00	U	1	1.60	9.00	ug/Kg	10/16/25 12:57	VY101625
106-93-4	1,2-Dibromoethane	9.00	U	1	1.60	9.00	ug/Kg	10/16/25 12:57	VY101625
127-18-4	Tetrachloroethene	9.00	U	1	1.90	9.00	ug/Kg	10/16/25 12:57	VY101625
108-90-7	Chlorobenzene	9.00	U	1	1.60	9.00	ug/Kg	10/16/25 12:57	VY101625
100-41-4	Ethyl Benzene	9.00	U	1	1.20	9.00	ug/Kg	10/16/25 12:57	VY101625
179601-23-1	m/p-Xylenes	18.0	U	1	2.20	18.0	ug/Kg	10/16/25 12:57	VY101625
95-47-6	o-Xylene	9.00	U	1	1.50	9.00	ug/Kg	10/16/25 12:57	VY101625
100-42-5	Styrene	9.00	U	1	1.30	9.00	ug/Kg	10/16/25 12:57	VY101625
75-25-2	Bromoform	9.00	U	1	1.50	9.00	ug/Kg	10/16/25 12:57	VY101625

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	2.60	J	1	1.40	9.00	ug/Kg	10/16/25 12:57	VY101625
79-34-5	1,1,2,2-Tetrachloroethane	9.00	U	1	2.20	9.00	ug/Kg	10/16/25 12:57	VY101625
541-73-1	1,3-Dichlorobenzene	9.00	U	1	3.10	9.00	ug/Kg	10/16/25 12:57	VY101625
106-46-7	1,4-Dichlorobenzene	9.00	U	1	2.80	9.00	ug/Kg	10/16/25 12:57	VY101625
95-50-1	1,2-Dichlorobenzene	9.00	U	1	2.60	9.00	ug/Kg	10/16/25 12:57	VY101625
96-12-8	1,2-Dibromo-3-Chloropropane	9.00	U	1	3.30	9.00	ug/Kg	10/16/25 12:57	VY101625
120-82-1	1,2,4-Trichlorobenzene	9.00	U	1	5.30	9.00	ug/Kg	10/16/25 12:57	VY101625
87-61-6	1,2,3-Trichlorobenzene	9.00	U	1	5.70	9.00	ug/Kg	10/16/25 12:57	VY101625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	58.1			63 - 155	116%	SPK: 50
1868-53-7	Dibromofluoromethane	53.3			70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	55.2			74 - 123	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.2			17 - 146	102%	SPK: 50

INTERNAL STANDARDS

	Area Count
363-72-4 Pentafluorobenzene	607000
540-36-3 1,4-Difluorobenzene	1160000
3114-55-4 Chlorobenzene-d5	1060000
3855-82-1 1,4-Dichlorobenzene-d4	376000

TENTATIVE IDENTIFIED COMPOUNDS

003073-66-3	Cyclohexane, 1,1,3-trimethyl-	180	J			11.0	ug/Kg
002051-30-1	Octane, 2,6-dimethyl-	200	J			12.1	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	7.50	J			13.0	ug/Kg
135-98-8	sec-Butylbenzene	2.90	J			13.2	ug/Kg
99-87-6	p-Isopropyltoluene	5.90	J			13.3	ug/Kg
000091-17-8	Naphthalene, decahydro-	130	J			13.7	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	170	J			14.2	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	200	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