

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S08-000013-202510
Lab Sample ID: Q3393-05
Analytical Method: 8260D
Sample Wt/Vol: 3.08 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3393
Matrix: SOIL
% Solid: 52
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	15.6	U	1	3.60	15.6	ug/Kg	10/20/25 18:33	VY102025
74-87-3	Chloromethane	15.6	U	1	3.60	15.6	ug/Kg	10/20/25 18:33	VY102025
75-01-4	Vinyl Chloride	15.6	U	1	2.50	15.6	ug/Kg	10/20/25 18:33	VY102025
74-83-9	Bromomethane	15.6	U	1	3.30	15.6	ug/Kg	10/20/25 18:33	VY102025
75-00-3	Chloroethane	15.6	U	1	3.90	15.6	ug/Kg	10/20/25 18:33	VY102025
75-69-4	Trichlorofluoromethane	15.6	U	1	3.80	15.6	ug/Kg	10/20/25 18:33	VY102025
76-13-1	1,1,2-Trichlorotrifluoroethane	15.6	U	1	3.30	15.6	ug/Kg	10/20/25 18:33	VY102025
75-35-4	1,1-Dichloroethene	15.6	U	1	3.10	15.6	ug/Kg	10/20/25 18:33	VY102025
67-64-1	Acetone	110		1	14.8	78.0	ug/Kg	10/20/25 18:33	VY102025
75-15-0	Carbon Disulfide	22.5		1	3.30	15.6	ug/Kg	10/20/25 18:33	VY102025
1634-04-4	Methyl tert-butyl Ether	15.6	U	1	2.30	15.6	ug/Kg	10/20/25 18:33	VY102025
79-20-9	Methyl Acetate	15.6	U	1	4.80	15.6	ug/Kg	10/20/25 18:33	VY102025
75-09-2	Methylene Chloride	31.2	U	1	11.0	31.2	ug/Kg	10/20/25 18:33	VY102025
156-60-5	trans-1,2-Dichloroethene	15.6	U	1	2.70	15.6	ug/Kg	10/20/25 18:33	VY102025
75-34-3	1,1-Dichloroethane	15.6	U	1	2.50	15.6	ug/Kg	10/20/25 18:33	VY102025
110-82-7	Cyclohexane	15.6	U	1	2.50	15.6	ug/Kg	10/20/25 18:33	VY102025
78-93-3	2-Butanone	35.7	J	1	20.4	78.0	ug/Kg	10/20/25 18:33	VY102025
56-23-5	Carbon Tetrachloride	15.6	U	1	3.00	15.6	ug/Kg	10/20/25 18:33	VY102025
156-59-2	cis-1,2-Dichloroethene	15.6	U	1	2.30	15.6	ug/Kg	10/20/25 18:33	VY102025
74-97-5	Bromochloromethane	15.6	U	1	3.60	15.6	ug/Kg	10/20/25 18:33	VY102025
67-66-3	Chloroform	15.6	U	1	2.60	15.6	ug/Kg	10/20/25 18:33	VY102025
71-55-6	1,1,1-Trichloroethane	15.6	U	1	2.90	15.6	ug/Kg	10/20/25 18:33	VY102025
108-87-2	Methylcyclohexane	14.1	J	1	2.80	15.6	ug/Kg	10/20/25 18:33	VY102025
71-43-2	Benzene	7.90	J	1	2.50	15.6	ug/Kg	10/20/25 18:33	VY102025
107-06-2	1,2-Dichloroethane	15.6	U	1	2.50	15.6	ug/Kg	10/20/25 18:33	VY102025
79-01-6	Trichloroethene	15.6	U	1	2.50	15.6	ug/Kg	10/20/25 18:33	VY102025
78-87-5	1,2-Dichloropropane	15.6	U	1	2.80	15.6	ug/Kg	10/20/25 18:33	VY102025
75-27-4	Bromodichloromethane	15.6	U	1	2.40	15.6	ug/Kg	10/20/25 18:33	VY102025
108-10-1	4-Methyl-2-Pentanone	78.0	U	1	11.2	78.0	ug/Kg	10/20/25 18:33	VY102025
108-88-3	Toluene	15.6	U	1	2.40	15.6	ug/Kg	10/20/25 18:33	VY102025
10061-02-6	t-1,3-Dichloropropene	15.6	U	1	2.00	15.6	ug/Kg	10/20/25 18:33	VY102025
10061-01-5	cis-1,3-Dichloropropene	15.6	U	1	1.90	15.6	ug/Kg	10/20/25 18:33	VY102025
79-00-5	1,1,2-Trichloroethane	15.6	U	1	2.90	15.6	ug/Kg	10/20/25 18:33	VY102025
591-78-6	2-Hexanone	78.0	U	1	11.5	78.0	ug/Kg	10/20/25 18:33	VY102025
124-48-1	Dibromochloromethane	15.6	U	1	2.70	15.6	ug/Kg	10/20/25 18:33	VY102025
106-93-4	1,2-Dibromoethane	15.6	U	1	2.70	15.6	ug/Kg	10/20/25 18:33	VY102025
127-18-4	Tetrachloroethene	15.6	U	1	3.30	15.6	ug/Kg	10/20/25 18:33	VY102025
108-90-7	Chlorobenzene	15.6	U	1	2.80	15.6	ug/Kg	10/20/25 18:33	VY102025
100-41-4	Ethyl Benzene	11.3	J	1	2.10	15.6	ug/Kg	10/20/25 18:33	VY102025
179601-23-1	m/p-Xylenes	16.3	J	1	3.90	31.2	ug/Kg	10/20/25 18:33	VY102025
95-47-6	o-Xylene	9.40	J	1	2.60	15.6	ug/Kg	10/20/25 18:33	VY102025
100-42-5	Styrene	15.6	U	1	2.20	15.6	ug/Kg	10/20/25 18:33	VY102025
75-25-2	Bromoform	15.6	U	1	2.70	15.6	ug/Kg	10/20/25 18:33	VY102025

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	5.90	J	1	2.40	15.6	ug/Kg	10/20/25 18:33	VY102025
79-34-5	1,1,2,2-Tetrachloroethane	15.6	U	1	3.80	15.6	ug/Kg	10/20/25 18:33	VY102025
541-73-1	1,3-Dichlorobenzene	15.6	U	1	5.30	15.6	ug/Kg	10/20/25 18:33	VY102025
106-46-7	1,4-Dichlorobenzene	15.6	U	1	4.90	15.6	ug/Kg	10/20/25 18:33	VY102025
95-50-1	1,2-Dichlorobenzene	15.6	U	1	4.50	15.6	ug/Kg	10/20/25 18:33	VY102025
96-12-8	1,2-Dibromo-3-Chloropropane	15.6	U	1	5.70	15.6	ug/Kg	10/20/25 18:33	VY102025
120-82-1	1,2,4-Trichlorobenzene	15.6	U	1	9.30	15.6	ug/Kg	10/20/25 18:33	VY102025
87-61-6	1,2,3-Trichlorobenzene	15.6	U	1	9.90	15.6	ug/Kg	10/20/25 18:33	VY102025

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	51.8			63 - 155	104%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0			70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	49.9			74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.6			17 - 146	91%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	766000
540-36-3	1,4-Difluorobenzene	1250000
3114-55-4	Chlorobenzene-d5	1020000
3855-82-1	1,4-Dichlorobenzene-d4	403000

TENTATIVE IDENTIFIED COMPOUNDS

000141-70-8	Heptane, 2,2,6,6-tetramethyl-4-met	340	J			12.9	ug/Kg
000123-48-8	3-Heptene, 2,2,4,6,6-pentamethyl-	350	J			12.9	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	24.8	J			13.0	ug/Kg
000091-17-8	Naphthalene, decahydro-	170	J			13.7	ug/Kg
1000152-47-3	trans-Decalin, 2-methyl-	190	J			14.2	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	180	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