

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S11-010080-202510
Lab Sample ID: Q3424-02
Analytical Method: 8260D
Sample Wt/Vol: 5.78 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3424
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	8.60	U	1	2.00	8.60	ug/Kg	10/22/25 17:10	VY102225
74-87-3	Chloromethane	8.60	U	1	2.00	8.60	ug/Kg	10/22/25 17:10	VY102225
75-01-4	Vinyl Chloride	8.60	U	1	1.40	8.60	ug/Kg	10/22/25 17:10	VY102225
74-83-9	Bromomethane	8.60	U	1	1.80	8.60	ug/Kg	10/22/25 17:10	VY102225
75-00-3	Chloroethane	8.60	U	1	2.20	8.60	ug/Kg	10/22/25 17:10	VY102225
75-69-4	Trichlorofluoromethane	8.60	U	1	2.10	8.60	ug/Kg	10/22/25 17:10	VY102225
76-13-1	1,1,2-Trichlorotrifluoroethane	8.60	U	1	1.80	8.60	ug/Kg	10/22/25 17:10	VY102225
75-35-4	1,1-Dichloroethene	8.60	U	1	1.70	8.60	ug/Kg	10/22/25 17:10	VY102225
67-64-1	Acetone	25.7	J	1	8.20	43.2	ug/Kg	10/22/25 17:10	VY102225
75-15-0	Carbon Disulfide	10.0		1	1.80	8.60	ug/Kg	10/22/25 17:10	VY102225
1634-04-4	Methyl tert-butyl Ether	8.60	U	1	1.30	8.60	ug/Kg	10/22/25 17:10	VY102225
79-20-9	Methyl Acetate	8.60	U	1	2.70	8.60	ug/Kg	10/22/25 17:10	VY102225
75-09-2	Methylene Chloride	17.3	U	1	6.10	17.3	ug/Kg	10/22/25 17:10	VY102225
156-60-5	trans-1,2-Dichloroethene	8.60	U	1	1.50	8.60	ug/Kg	10/22/25 17:10	VY102225
75-34-3	1,1-Dichloroethane	8.60	U	1	1.40	8.60	ug/Kg	10/22/25 17:10	VY102225
110-82-7	Cyclohexane	8.60	U	1	1.40	8.60	ug/Kg	10/22/25 17:10	VY102225
78-93-3	2-Butanone	43.2	U	1	11.3	43.2	ug/Kg	10/22/25 17:10	VY102225
56-23-5	Carbon Tetrachloride	8.60	U	1	1.70	8.60	ug/Kg	10/22/25 17:10	VY102225
156-59-2	cis-1,2-Dichloroethene	8.60	U	1	1.30	8.60	ug/Kg	10/22/25 17:10	VY102225
74-97-5	Bromochloromethane	8.60	U	1	2.00	8.60	ug/Kg	10/22/25 17:10	VY102225
67-66-3	Chloroform	8.60	U	1	1.50	8.60	ug/Kg	10/22/25 17:10	VY102225
71-55-6	1,1,1-Trichloroethane	8.60	U	1	1.60	8.60	ug/Kg	10/22/25 17:10	VY102225
108-87-2	Methylcyclohexane	2.50	J	1	1.60	8.60	ug/Kg	10/22/25 17:10	VY102225
71-43-2	Benzene	8.60	U	1	1.40	8.60	ug/Kg	10/22/25 17:10	VY102225
107-06-2	1,2-Dichloroethane	8.60	U	1	1.40	8.60	ug/Kg	10/22/25 17:10	VY102225
79-01-6	Trichloroethene	8.60	U	1	1.40	8.60	ug/Kg	10/22/25 17:10	VY102225
78-87-5	1,2-Dichloropropane	8.60	U	1	1.60	8.60	ug/Kg	10/22/25 17:10	VY102225
75-27-4	Bromodichloromethane	8.60	U	1	1.30	8.60	ug/Kg	10/22/25 17:10	VY102225
108-10-1	4-Methyl-2-Pentanone	43.2	U	1	6.20	43.2	ug/Kg	10/22/25 17:10	VY102225
108-88-3	Toluene	8.60	U	1	1.30	8.60	ug/Kg	10/22/25 17:10	VY102225
10061-02-6	t-1,3-Dichloropropene	8.60	U	1	1.10	8.60	ug/Kg	10/22/25 17:10	VY102225
10061-01-5	cis-1,3-Dichloropropene	8.60	U	1	1.10	8.60	ug/Kg	10/22/25 17:10	VY102225
79-00-5	1,1,2-Trichloroethane	8.60	U	1	1.60	8.60	ug/Kg	10/22/25 17:10	VY102225
591-78-6	2-Hexanone	43.2	U	1	6.40	43.2	ug/Kg	10/22/25 17:10	VY102225
124-48-1	Dibromochloromethane	8.60	U	1	1.50	8.60	ug/Kg	10/22/25 17:10	VY102225
106-93-4	1,2-Dibromoethane	8.60	U	1	1.50	8.60	ug/Kg	10/22/25 17:10	VY102225
127-18-4	Tetrachloroethene	8.60	U	1	1.80	8.60	ug/Kg	10/22/25 17:10	VY102225
108-90-7	Chlorobenzene	8.60	U	1	1.60	8.60	ug/Kg	10/22/25 17:10	VY102225
100-41-4	Ethyl Benzene	8.60	U	1	1.20	8.60	ug/Kg	10/22/25 17:10	VY102225
179601-23-1	m/p-Xylenes	17.3	U	1	2.10	17.3	ug/Kg	10/22/25 17:10	VY102225
95-47-6	o-Xylene	8.60	U	1	1.40	8.60	ug/Kg	10/22/25 17:10	VY102225
100-42-5	Styrene	8.60	U	1	1.20	8.60	ug/Kg	10/22/25 17:10	VY102225
75-25-2	Bromoform	8.60	U	1	1.50	8.60	ug/Kg	10/22/25 17:10	VY102225

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	8.60	U	1	1.30	8.60	ug/Kg	10/22/25 17:10	VY102225
79-34-5	1,1,2,2-Tetrachloroethane	8.60	U	1	2.10	8.60	ug/Kg	10/22/25 17:10	VY102225
541-73-1	1,3-Dichlorobenzene	8.60	U	1	3.00	8.60	ug/Kg	10/22/25 17:10	VY102225
106-46-7	1,4-Dichlorobenzene	8.60	U	1	2.70	8.60	ug/Kg	10/22/25 17:10	VY102225
95-50-1	1,2-Dichlorobenzene	8.60	U	1	2.50	8.60	ug/Kg	10/22/25 17:10	VY102225
96-12-8	1,2-Dibromo-3-Chloropropane	8.60	U	1	3.20	8.60	ug/Kg	10/22/25 17:10	VY102225
120-82-1	1,2,4-Trichlorobenzene	8.60	U	1	5.10	8.60	ug/Kg	10/22/25 17:10	VY102225
87-61-6	1,2,3-Trichlorobenzene	8.60	U	1	5.50	8.60	ug/Kg	10/22/25 17:10	VY102225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.0			63 - 155	116%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.2			70 - 134	102%	SPK: 50		
2037-26-5	Toluene-d8	49.7			74 - 123	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.3			17 - 146	95%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	808000							
540-36-3	1,4-Difluorobenzene	1340000							
3114-55-4	Chlorobenzene-d5	1150000							
3855-82-1	1,4-Dichlorobenzene-d4	478000							
TENTATIVE IDENTIFIED COMPOUNDS									
75-65-0	Tert butyl alcohol	34.2	J			4.87	ug/Kg		
000123-48-8	3-Heptene, 2,2,4,6,6-pentamethyl-	21.3	J			12.9	ug/Kg		
001075-38-3	Benzene, 1-(1,1-dimethylethyl)-3-m	22.3	J			13.9	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