

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S14-000094-202510
Lab Sample ID: Q3424-03
Analytical Method: 8260D
Sample Wt/Vol: 4.58 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	10.9	U	1	2.50	10.9	ug/Kg	10/22/25 17:35	VY102225
74-87-3	Chloromethane	10.9	U	1	2.50	10.9	ug/Kg	10/22/25 17:35	VY102225
75-01-4	Vinyl Chloride	10.9	U	1	1.70	10.9	ug/Kg	10/22/25 17:35	VY102225
74-83-9	Bromomethane	10.9	U	1	2.30	10.9	ug/Kg	10/22/25 17:35	VY102225
75-00-3	Chloroethane	10.9	U	1	2.70	10.9	ug/Kg	10/22/25 17:35	VY102225
75-69-4	Trichlorofluoromethane	10.9	U	1	2.60	10.9	ug/Kg	10/22/25 17:35	VY102225
76-13-1	1,1,2-Trichlorotrifluoroethane	10.9	U	1	2.30	10.9	ug/Kg	10/22/25 17:35	VY102225
75-35-4	1,1-Dichloroethene	10.9	U	1	2.20	10.9	ug/Kg	10/22/25 17:35	VY102225
67-64-1	Acetone	210		1	10.3	54.5	ug/Kg	10/22/25 17:35	VY102225
75-15-0	Carbon Disulfide	4.90	J	1	2.30	10.9	ug/Kg	10/22/25 17:35	VY102225
1634-04-4	Methyl tert-butyl Ether	10.9	U	1	1.60	10.9	ug/Kg	10/22/25 17:35	VY102225
79-20-9	Methyl Acetate	10.9	U	1	3.40	10.9	ug/Kg	10/22/25 17:35	VY102225
75-09-2	Methylene Chloride	21.8	U	1	7.70	21.8	ug/Kg	10/22/25 17:35	VY102225
156-60-5	trans-1,2-Dichloroethene	10.9	U	1	1.90	10.9	ug/Kg	10/22/25 17:35	VY102225
75-34-3	1,1-Dichloroethane	10.9	U	1	1.70	10.9	ug/Kg	10/22/25 17:35	VY102225
110-82-7	Cyclohexane	10.9	U	1	1.70	10.9	ug/Kg	10/22/25 17:35	VY102225
78-93-3	2-Butanone	43.5	J	1	14.3	54.5	ug/Kg	10/22/25 17:35	VY102225
56-23-5	Carbon Tetrachloride	10.9	U	1	2.10	10.9	ug/Kg	10/22/25 17:35	VY102225
156-59-2	cis-1,2-Dichloroethene	10.9	U	1	1.60	10.9	ug/Kg	10/22/25 17:35	VY102225
74-97-5	Bromochloromethane	10.9	U	1	2.50	10.9	ug/Kg	10/22/25 17:35	VY102225
67-66-3	Chloroform	10.9	U	1	1.80	10.9	ug/Kg	10/22/25 17:35	VY102225
71-55-6	1,1,1-Trichloroethane	10.9	U	1	2.00	10.9	ug/Kg	10/22/25 17:35	VY102225
108-87-2	Methylcyclohexane	5.70	J	1	2.00	10.9	ug/Kg	10/22/25 17:35	VY102225
71-43-2	Benzene	5.40	J	1	1.70	10.9	ug/Kg	10/22/25 17:35	VY102225
107-06-2	1,2-Dichloroethane	10.9	U	1	1.70	10.9	ug/Kg	10/22/25 17:35	VY102225
79-01-6	Trichloroethene	10.9	U	1	1.80	10.9	ug/Kg	10/22/25 17:35	VY102225
78-87-5	1,2-Dichloropropane	10.9	U	1	2.00	10.9	ug/Kg	10/22/25 17:35	VY102225
75-27-4	Bromodichloromethane	10.9	U	1	1.70	10.9	ug/Kg	10/22/25 17:35	VY102225
108-10-1	4-Methyl-2-Pentanone	54.5	U	1	7.80	54.5	ug/Kg	10/22/25 17:35	VY102225
108-88-3	Toluene	10.9	U	1	1.70	10.9	ug/Kg	10/22/25 17:35	VY102225
10061-02-6	t-1,3-Dichloropropene	10.9	U	1	1.40	10.9	ug/Kg	10/22/25 17:35	VY102225
10061-01-5	cis-1,3-Dichloropropene	10.9	U	1	1.40	10.9	ug/Kg	10/22/25 17:35	VY102225
79-00-5	1,1,2-Trichloroethane	10.9	U	1	2.00	10.9	ug/Kg	10/22/25 17:35	VY102225
591-78-6	2-Hexanone	54.5	U	1	8.00	54.5	ug/Kg	10/22/25 17:35	VY102225
124-48-1	Dibromochloromethane	10.9	U	1	1.90	10.9	ug/Kg	10/22/25 17:35	VY102225
106-93-4	1,2-Dibromoethane	10.9	U	1	1.90	10.9	ug/Kg	10/22/25 17:35	VY102225
127-18-4	Tetrachloroethene	10.9	U	1	2.30	10.9	ug/Kg	10/22/25 17:35	VY102225
108-90-7	Chlorobenzene	10.9	U	1	2.00	10.9	ug/Kg	10/22/25 17:35	VY102225
100-41-4	Ethyl Benzene	10.9	U	1	1.50	10.9	ug/Kg	10/22/25 17:35	VY102225
179601-23-1	m/p-Xylenes	6.30	J	1	2.70	21.8	ug/Kg	10/22/25 17:35	VY102225
95-47-6	o-Xylene	11.4		1	1.80	10.9	ug/Kg	10/22/25 17:35	VY102225
100-42-5	Styrene	10.9	U	1	1.50	10.9	ug/Kg	10/22/25 17:35	VY102225
75-25-2	Bromoform	10.9	U	1	1.90	10.9	ug/Kg	10/22/25 17:35	VY102225

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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	10/22/25 17:35	VY102225
79-34-5	1,1,2,2-Tetrachloroethane	10.9	U	1	2.60	10.9	ug/Kg	10/22/25 17:35	VY102225
541-73-1	1,3-Dichlorobenzene	10.9	U	1	3.70	10.9	ug/Kg	10/22/25 17:35	VY102225
106-46-7	1,4-Dichlorobenzene	10.9	U	1	3.40	10.9	ug/Kg	10/22/25 17:35	VY102225
95-50-1	1,2-Dichlorobenzene	10.9	U	1	3.20	10.9	ug/Kg	10/22/25 17:35	VY102225
96-12-8	1,2-Dibromo-3-Chloropropane	10.9	U	1	4.00	10.9	ug/Kg	10/22/25 17:35	VY102225
120-82-1	1,2,4-Trichlorobenzene	10.9	U	1	6.50	10.9	ug/Kg	10/22/25 17:35	VY102225
87-61-6	1,2,3-Trichlorobenzene	10.9	U	1	6.90	10.9	ug/Kg	10/22/25 17:35	VY102225

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	51.1			63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8			70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	49.9			74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.3			17 - 146	89%	SPK: 50

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	767000
540-36-3	1,4-Difluorobenzene	1220000
3114-55-4	Chlorobenzene-d5	1040000
3855-82-1	1,4-Dichlorobenzene-d4	408000

TENTATIVE IDENTIFIED COMPOUNDS

75-65-0	Tert butyl alcohol	160	J		4.87	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	4.00	J		12.7	ug/Kg
000141-70-8	Heptane, 2,2,6,6-tetramethyl-4-met	25.3	J		12.9	ug/Kg
000123-48-8	3-Heptene, 2,2,4,6,6-pentamethyl-	22.0	J		12.9	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	9.30	J		13.0	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	17.3	J		14.2	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	16.8	J		14.6	ug/Kg
003891-98-3	Dodecane, 2,6,10-trimethyl-	24.5	J		16.0	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