

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-DP3-20251021
Lab Sample ID: Q3424-01
Analytical Method: 8260D
Sample Wt/Vol: 4.21 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3424
Matrix: SOIL
% Solid: 45.9
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	12.9	U	1	2.90	12.9	ug/Kg	10/22/25 16:46	VY102225
74-87-3	Chloromethane	12.9	U	1	2.90	12.9	ug/Kg	10/22/25 16:46	VY102225
75-01-4	Vinyl Chloride	12.9	U	1	2.00	12.9	ug/Kg	10/22/25 16:46	VY102225
74-83-9	Bromomethane	12.9	U	1	2.80	12.9	ug/Kg	10/22/25 16:46	VY102225
75-00-3	Chloroethane	12.9	U	1	3.30	12.9	ug/Kg	10/22/25 16:46	VY102225
75-69-4	Trichlorofluoromethane	12.9	U	1	3.10	12.9	ug/Kg	10/22/25 16:46	VY102225
76-13-1	1,1,2-Trichlorotrifluoroethane	12.9	U	1	2.70	12.9	ug/Kg	10/22/25 16:46	VY102225
75-35-4	1,1-Dichloroethene	12.9	U	1	2.60	12.9	ug/Kg	10/22/25 16:46	VY102225
67-64-1	Acetone	33.0	J	1	12.3	64.7	ug/Kg	10/22/25 16:46	VY102225
75-15-0	Carbon Disulfide	16.2		1	2.70	12.9	ug/Kg	10/22/25 16:46	VY102225
1634-04-4	Methyl tert-butyl Ether	12.9	U	1	1.90	12.9	ug/Kg	10/22/25 16:46	VY102225
79-20-9	Methyl Acetate	12.9	U	1	4.00	12.9	ug/Kg	10/22/25 16:46	VY102225
75-09-2	Methylene Chloride	25.9	U	1	9.10	25.9	ug/Kg	10/22/25 16:46	VY102225
156-60-5	trans-1,2-Dichloroethene	12.9	U	1	2.20	12.9	ug/Kg	10/22/25 16:46	VY102225
75-34-3	1,1-Dichloroethane	12.9	U	1	2.10	12.9	ug/Kg	10/22/25 16:46	VY102225
110-82-7	Cyclohexane	12.9	U	1	2.00	12.9	ug/Kg	10/22/25 16:46	VY102225
78-93-3	2-Butanone	64.7	U	1	16.9	64.7	ug/Kg	10/22/25 16:46	VY102225
56-23-5	Carbon Tetrachloride	12.9	U	1	2.50	12.9	ug/Kg	10/22/25 16:46	VY102225
156-59-2	cis-1,2-Dichloroethene	12.9	U	1	1.90	12.9	ug/Kg	10/22/25 16:46	VY102225
74-97-5	Bromochloromethane	12.9	U	1	3.00	12.9	ug/Kg	10/22/25 16:46	VY102225
67-66-3	Chloroform	12.9	U	1	2.20	12.9	ug/Kg	10/22/25 16:46	VY102225
71-55-6	1,1,1-Trichloroethane	12.9	U	1	2.40	12.9	ug/Kg	10/22/25 16:46	VY102225
108-87-2	Methylcyclohexane	2.80	J	1	2.40	12.9	ug/Kg	10/22/25 16:46	VY102225
71-43-2	Benzene	12.9	U	1	2.00	12.9	ug/Kg	10/22/25 16:46	VY102225
107-06-2	1,2-Dichloroethane	12.9	U	1	2.00	12.9	ug/Kg	10/22/25 16:46	VY102225
79-01-6	Trichloroethene	12.9	U	1	2.10	12.9	ug/Kg	10/22/25 16:46	VY102225
78-87-5	1,2-Dichloropropane	12.9	U	1	2.40	12.9	ug/Kg	10/22/25 16:46	VY102225
75-27-4	Bromodichloromethane	12.9	U	1	2.00	12.9	ug/Kg	10/22/25 16:46	VY102225
108-10-1	4-Methyl-2-Pentanone	64.7	U	1	9.30	64.7	ug/Kg	10/22/25 16:46	VY102225
108-88-3	Toluene	12.9	U	1	2.00	12.9	ug/Kg	10/22/25 16:46	VY102225
10061-02-6	t-1,3-Dichloropropene	12.9	U	1	1.70	12.9	ug/Kg	10/22/25 16:46	VY102225
10061-01-5	cis-1,3-Dichloropropene	12.9	U	1	1.60	12.9	ug/Kg	10/22/25 16:46	VY102225
79-00-5	1,1,2-Trichloroethane	12.9	U	1	2.40	12.9	ug/Kg	10/22/25 16:46	VY102225
591-78-6	2-Hexanone	64.7	U	1	9.50	64.7	ug/Kg	10/22/25 16:46	VY102225
124-48-1	Dibromochloromethane	12.9	U	1	2.30	12.9	ug/Kg	10/22/25 16:46	VY102225
106-93-4	1,2-Dibromoethane	12.9	U	1	2.30	12.9	ug/Kg	10/22/25 16:46	VY102225
127-18-4	Tetrachloroethene	12.9	U	1	2.70	12.9	ug/Kg	10/22/25 16:46	VY102225
108-90-7	Chlorobenzene	12.9	U	1	2.40	12.9	ug/Kg	10/22/25 16:46	VY102225
100-41-4	Ethyl Benzene	12.9	U	1	1.70	12.9	ug/Kg	10/22/25 16:46	VY102225
179601-23-1	m/p-Xylenes	25.9	U	1	3.20	25.9	ug/Kg	10/22/25 16:46	VY102225
95-47-6	o-Xylene	12.9	U	1	2.10	12.9	ug/Kg	10/22/25 16:46	VY102225
100-42-5	Styrene	12.9	U	1	1.80	12.9	ug/Kg	10/22/25 16:46	VY102225
75-25-2	Bromoform	12.9	U	1	2.20	12.9	ug/Kg	10/22/25 16:46	VY102225

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Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/21/25
Client Sample ID:	PR132-DP3-20251021	SDG No.:	Q3424
Lab Sample ID:	Q3424-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	45.9
Sample Wt/Vol:	4.21 g	Level :	LOW
		Final Vol:	5000 uL
		Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	12.9	U	1	2.00	12.9	ug/Kg	10/22/25 16:46	VY102225
79-34-5	1,1,2,2-Tetrachloroethane	12.9	U	1	3.10	12.9	ug/Kg	10/22/25 16:46	VY102225
541-73-1	1,3-Dichlorobenzene	12.9	U	1	4.40	12.9	ug/Kg	10/22/25 16:46	VY102225
106-46-7	1,4-Dichlorobenzene	12.9	U	1	4.00	12.9	ug/Kg	10/22/25 16:46	VY102225
95-50-1	1,2-Dichlorobenzene	12.9	U	1	3.80	12.9	ug/Kg	10/22/25 16:46	VY102225
96-12-8	1,2-Dibromo-3-Chloropropane	12.9	U	1	4.80	12.9	ug/Kg	10/22/25 16:46	VY102225
120-82-1	1,2,4-Trichlorobenzene	12.9	U	1	7.70	12.9	ug/Kg	10/22/25 16:46	VY102225
87-61-6	1,2,3-Trichlorobenzene	12.9	U	1	8.20	12.9	ug/Kg	10/22/25 16:46	VY102225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.2			63 - 155	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.5			70 - 134	101%	SPK: 50		
2037-26-5	Toluene-d8	49.8			74 - 123	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	45.5			17 - 146	91%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	830000							
540-36-3	1,4-Difluorobenzene	1360000							
3114-55-4	Chlorobenzene-d5	1160000							
3855-82-1	1,4-Dichlorobenzene-d4	482000							
TENTATIVE IDENTIFIED COMPOUNDS									
014676-29-0	Heptane, 3-ethyl-2-methyl-	25.6	J			12.2	ug/Kg		
000123-48-8	3-Heptene, 2,2,4,6,6-pentamethyl-	21.2	J			12.9	ug/Kg		
001074-92-6	2-tert-Butyltoluene	21.9	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