

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-WC1-20251022
Lab Sample ID: Q3434-01
Analytical Method: 8260D
Sample Wt/Vol: 6.17 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/22/25
Date Received: 10/22/25
SDG No.: Q3434
Matrix: SOIL
% Solid: 57.9
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	7.00	U	1	1.60	7.00	ug/Kg	10/24/25 14:28	VY102425
74-87-3	Chloromethane	7.00	U	1	1.60	7.00	ug/Kg	10/24/25 14:28	VY102425
75-01-4	Vinyl Chloride	7.00	U	1	1.10	7.00	ug/Kg	10/24/25 14:28	VY102425
74-83-9	Bromomethane	7.00	U	1	1.50	7.00	ug/Kg	10/24/25 14:28	VY102425
75-00-3	Chloroethane	7.00	U	1	1.80	7.00	ug/Kg	10/24/25 14:28	VY102425
75-69-4	Trichlorofluoromethane	7.00	U	1	1.70	7.00	ug/Kg	10/24/25 14:28	VY102425
76-13-1	1,1,2-Trichlorotrifluoroethane	7.00	U	1	1.50	7.00	ug/Kg	10/24/25 14:28	VY102425
75-35-4	1,1-Dichloroethene	7.00	U	1	1.40	7.00	ug/Kg	10/24/25 14:28	VY102425
67-64-1	Acetone	27.9	J	1	6.60	35.0	ug/Kg	10/24/25 14:28	VY102425
75-15-0	Carbon Disulfide	12.6		1	1.50	7.00	ug/Kg	10/24/25 14:28	VY102425
1634-04-4	Methyl tert-butyl Ether	7.00	U	1	1.00	7.00	ug/Kg	10/24/25 14:28	VY102425
79-20-9	Methyl Acetate	7.00	U	1	2.20	7.00	ug/Kg	10/24/25 14:28	VY102425
75-09-2	Methylene Chloride	14.0	U	1	4.90	14.0	ug/Kg	10/24/25 14:28	VY102425
156-60-5	trans-1,2-Dichloroethene	7.00	U	1	1.20	7.00	ug/Kg	10/24/25 14:28	VY102425
75-34-3	1,1-Dichloroethane	7.00	U	1	1.10	7.00	ug/Kg	10/24/25 14:28	VY102425
110-82-7	Cyclohexane	7.00	U	1	1.10	7.00	ug/Kg	10/24/25 14:28	VY102425
78-93-3	2-Butanone	35.0	U	1	9.20	35.0	ug/Kg	10/24/25 14:28	VY102425
56-23-5	Carbon Tetrachloride	7.00	U	1	1.40	7.00	ug/Kg	10/24/25 14:28	VY102425
156-59-2	cis-1,2-Dichloroethene	7.00	U	1	1.00	7.00	ug/Kg	10/24/25 14:28	VY102425
74-97-5	Bromochloromethane	7.00	U	1	1.60	7.00	ug/Kg	10/24/25 14:28	VY102425
67-66-3	Chloroform	7.00	U	1	1.20	7.00	ug/Kg	10/24/25 14:28	VY102425
71-55-6	1,1,1-Trichloroethane	7.00	U	1	1.30	7.00	ug/Kg	10/24/25 14:28	VY102425
108-87-2	Methylcyclohexane	7.00	U	1	1.30	7.00	ug/Kg	10/24/25 14:28	VY102425
71-43-2	Benzene	7.00	U	1	1.10	7.00	ug/Kg	10/24/25 14:28	VY102425
107-06-2	1,2-Dichloroethane	7.00	U	1	1.10	7.00	ug/Kg	10/24/25 14:28	VY102425
79-01-6	Trichloroethene	7.00	U	1	1.10	7.00	ug/Kg	10/24/25 14:28	VY102425
78-87-5	1,2-Dichloropropane	7.00	U	1	1.30	7.00	ug/Kg	10/24/25 14:28	VY102425
75-27-4	Bromodichloromethane	7.00	U	1	1.10	7.00	ug/Kg	10/24/25 14:28	VY102425
108-10-1	4-Methyl-2-Pentanone	35.0	U	1	5.00	35.0	ug/Kg	10/24/25 14:28	VY102425
108-88-3	Toluene	7.00	U	1	1.10	7.00	ug/Kg	10/24/25 14:28	VY102425
10061-02-6	t-1,3-Dichloropropene	7.00	U	1	0.91	7.00	ug/Kg	10/24/25 14:28	VY102425
10061-01-5	cis-1,3-Dichloropropene	7.00	U	1	0.87	7.00	ug/Kg	10/24/25 14:28	VY102425
79-00-5	1,1,2-Trichloroethane	7.00	U	1	1.30	7.00	ug/Kg	10/24/25 14:28	VY102425
591-78-6	2-Hexanone	35.0	U	1	5.20	35.0	ug/Kg	10/24/25 14:28	VY102425
124-48-1	Dibromochloromethane	7.00	U	1	1.20	7.00	ug/Kg	10/24/25 14:28	VY102425
106-93-4	1,2-Dibromoethane	7.00	U	1	1.20	7.00	ug/Kg	10/24/25 14:28	VY102425
127-18-4	Tetrachloroethene	7.00	U	1	1.50	7.00	ug/Kg	10/24/25 14:28	VY102425
108-90-7	Chlorobenzene	7.00	U	1	1.30	7.00	ug/Kg	10/24/25 14:28	VY102425
100-41-4	Ethyl Benzene	7.00	U	1	0.94	7.00	ug/Kg	10/24/25 14:28	VY102425
179601-23-1	m/p-Xylenes	14.0	U	1	1.70	14.0	ug/Kg	10/24/25 14:28	VY102425
95-47-6	o-Xylene	7.00	U	1	1.10	7.00	ug/Kg	10/24/25 14:28	VY102425
100-42-5	Styrene	7.00	U	1	0.99	7.00	ug/Kg	10/24/25 14:28	VY102425
75-25-2	Bromoform	7.00	U	1	1.20	7.00	ug/Kg	10/24/25 14:28	VY102425

Report of Analysis

Client:	AECOM	Date Collected:	10/22/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/22/25
Client Sample ID:	PR132-WC1-20251022	SDG No.:	Q3434
Lab Sample ID:	Q3434-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	57.9
Sample Wt/Vol:	6.17 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	7.00	U	1	1.10	7.00	ug/Kg	10/24/25 14:28	VY102425
79-34-5	1,1,2,2-Tetrachloroethane	7.00	U	1	1.70	7.00	ug/Kg	10/24/25 14:28	VY102425
541-73-1	1,3-Dichlorobenzene	7.00	U	1	2.40	7.00	ug/Kg	10/24/25 14:28	VY102425
106-46-7	1,4-Dichlorobenzene	7.00	U	1	2.20	7.00	ug/Kg	10/24/25 14:28	VY102425
95-50-1	1,2-Dichlorobenzene	7.00	U	1	2.00	7.00	ug/Kg	10/24/25 14:28	VY102425
96-12-8	1,2-Dibromo-3-Chloropropane	7.00	U	1	2.60	7.00	ug/Kg	10/24/25 14:28	VY102425
120-82-1	1,2,4-Trichlorobenzene	7.00	U	1	4.20	7.00	ug/Kg	10/24/25 14:28	VY102425
87-61-6	1,2,3-Trichlorobenzene	7.00	U	1	4.50	7.00	ug/Kg	10/24/25 14:28	VY102425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.2			63 - 155	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.4			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	49.3			74 - 123	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.7			17 - 146	93%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	801000							
540-36-3	1,4-Difluorobenzene	1310000							
3114-55-4	Chlorobenzene-d5	1150000							
3855-82-1	1,4-Dichlorobenzene-d4	505000							
TENTATIVE IDENTIFIED COMPOUNDS									
75-65-0	Tert butyl alcohol	38.2	J			4.86	ug/Kg		
000141-70-8	Heptane, 2,2,6,6-tetramethyl-4-met	10.2	J			12.9	ug/Kg		
000123-48-8	3-Heptene, 2,2,4,6,6-pentamethyl-	10.3	J			12.9	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