

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-DP01-20251016
Lab Sample ID: Q3376-02
Analytical Method: 8260D
Sample Wt/Vol: 4.83 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3376
Matrix: SOIL
% Solid: 53.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	9.70	U	1	2.20	9.70	ug/Kg	10/21/25 12:14	VY102125
74-87-3	Chloromethane	9.70	U	1	2.20	9.70	ug/Kg	10/21/25 12:14	VY102125
75-01-4	Vinyl Chloride	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
74-83-9	Bromomethane	9.70	U	1	2.10	9.70	ug/Kg	10/21/25 12:14	VY102125
75-00-3	Chloroethane	9.70	U	1	2.40	9.70	ug/Kg	10/21/25 12:14	VY102125
75-69-4	Trichlorofluoromethane	9.70	U	1	2.30	9.70	ug/Kg	10/21/25 12:14	VY102125
76-13-1	1,1,2-Trichlorotrifluoroethane	9.70	U	1	2.00	9.70	ug/Kg	10/21/25 12:14	VY102125
75-35-4	1,1-Dichloroethene	9.70	U	1	1.90	9.70	ug/Kg	10/21/25 12:14	VY102125
67-64-1	Acetone	140		1	9.20	48.3	ug/Kg	10/21/25 12:14	VY102125
75-15-0	Carbon Disulfide	6.90	J	1	2.00	9.70	ug/Kg	10/21/25 12:14	VY102125
1634-04-4	Methyl tert-butyl Ether	9.70	U	1	1.40	9.70	ug/Kg	10/21/25 12:14	VY102125
79-20-9	Methyl Acetate	9.70	U	1	3.00	9.70	ug/Kg	10/21/25 12:14	VY102125
75-09-2	Methylene Chloride	19.3	U	1	6.80	19.3	ug/Kg	10/21/25 12:14	VY102125
156-60-5	trans-1,2-Dichloroethene	9.70	U	1	1.70	9.70	ug/Kg	10/21/25 12:14	VY102125
75-34-3	1,1-Dichloroethane	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
110-82-7	Cyclohexane	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
78-93-3	2-Butanone	39.0	J	1	12.6	48.3	ug/Kg	10/21/25 12:14	VY102125
56-23-5	Carbon Tetrachloride	9.70	U	1	1.90	9.70	ug/Kg	10/21/25 12:14	VY102125
156-59-2	cis-1,2-Dichloroethene	9.70	U	1	1.40	9.70	ug/Kg	10/21/25 12:14	VY102125
74-97-5	Bromochloromethane	9.70	U	1	2.20	9.70	ug/Kg	10/21/25 12:14	VY102125
67-66-3	Chloroform	9.70	U	1	1.60	9.70	ug/Kg	10/21/25 12:14	VY102125
71-55-6	1,1,1-Trichloroethane	9.70	U	1	1.80	9.70	ug/Kg	10/21/25 12:14	VY102125
108-87-2	Methylcyclohexane	58.1		1	1.80	9.70	ug/Kg	10/21/25 12:14	VY102125
71-43-2	Benzene	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
107-06-2	1,2-Dichloroethane	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
79-01-6	Trichloroethene	9.70	U	1	1.60	9.70	ug/Kg	10/21/25 12:14	VY102125
78-87-5	1,2-Dichloropropane	9.70	U	1	1.80	9.70	ug/Kg	10/21/25 12:14	VY102125
75-27-4	Bromodichloromethane	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
108-10-1	4-Methyl-2-Pentanone	48.3	U	1	6.90	48.3	ug/Kg	10/21/25 12:14	VY102125
108-88-3	Toluene	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
10061-02-6	t-1,3-Dichloropropene	9.70	U	1	1.30	9.70	ug/Kg	10/21/25 12:14	VY102125
10061-01-5	cis-1,3-Dichloropropene	9.70	U	1	1.20	9.70	ug/Kg	10/21/25 12:14	VY102125
79-00-5	1,1,2-Trichloroethane	9.70	U	1	1.80	9.70	ug/Kg	10/21/25 12:14	VY102125
591-78-6	2-Hexanone	48.3	U	1	7.10	48.3	ug/Kg	10/21/25 12:14	VY102125
124-48-1	Dibromochloromethane	9.70	U	1	1.70	9.70	ug/Kg	10/21/25 12:14	VY102125
106-93-4	1,2-Dibromoethane	9.70	U	1	1.70	9.70	ug/Kg	10/21/25 12:14	VY102125
127-18-4	Tetrachloroethene	9.70	U	1	2.00	9.70	ug/Kg	10/21/25 12:14	VY102125
108-90-7	Chlorobenzene	9.70	U	1	1.80	9.70	ug/Kg	10/21/25 12:14	VY102125
100-41-4	Ethyl Benzene	9.70	U	1	1.30	9.70	ug/Kg	10/21/25 12:14	VY102125
179601-23-1	m/p-Xylenes	19.3	U	1	2.40	19.3	ug/Kg	10/21/25 12:14	VY102125
95-47-6	o-Xylene	9.70	U	1	1.60	9.70	ug/Kg	10/21/25 12:14	VY102125
100-42-5	Styrene	9.70	U	1	1.40	9.70	ug/Kg	10/21/25 12:14	VY102125
75-25-2	Bromoform	9.70	U	1	1.70	9.70	ug/Kg	10/21/25 12:14	VY102125

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	9.70	U	1	1.50	9.70	ug/Kg	10/21/25 12:14	VY102125
79-34-5	1,1,2,2-Tetrachloroethane	9.70	U	1	2.30	9.70	ug/Kg	10/21/25 12:14	VY102125
541-73-1	1,3-Dichlorobenzene	9.70	U	1	3.30	9.70	ug/Kg	10/21/25 12:14	VY102125
106-46-7	1,4-Dichlorobenzene	9.70	U	1	3.00	9.70	ug/Kg	10/21/25 12:14	VY102125
95-50-1	1,2-Dichlorobenzene	9.70	U	1	2.80	9.70	ug/Kg	10/21/25 12:14	VY102125
96-12-8	1,2-Dibromo-3-Chloropropane	9.70	U	1	3.60	9.70	ug/Kg	10/21/25 12:14	VY102125
120-82-1	1,2,4-Trichlorobenzene	9.70	U	1	5.70	9.70	ug/Kg	10/21/25 12:14	VY102125
87-61-6	1,2,3-Trichlorobenzene	9.70	U	1	6.10	9.70	ug/Kg	10/21/25 12:14	VY102125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.2			63 - 155	114%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.6			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	52.8			74 - 123	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.1			17 - 146	94%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	663000							
540-36-3	1,4-Difluorobenzene	1120000							
3114-55-4	Chlorobenzene-d5	942000							
3855-82-1	1,4-Dichlorobenzene-d4	360000							
TENTATIVE IDENTIFIED COMPOUNDS									
108-67-8	1,3,5-Trimethylbenzene	9.00	J			12.7	ug/Kg		
95-63-6	1,2,4-Trimethylbenzene	6.10	J			13.0	ug/Kg		
000493-02-7	Naphthalene, decahydro-, trans-	160	J			13.7	ug/Kg		
002958-76-1	Naphthalene, decahydro-2-methyl-	200	J			14.2	ug/Kg		
017301-23-4	Undecane, 2,6-dimethyl-	160	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