

## Report of Analysis

Client: AECOM  
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
Client Sample ID: PR-132-S16-015094-20251C  
Lab Sample ID: Q3419-03MSD  
Analytical Method: 8260D  
Sample Wt/Vol: 5.82 g

Level: LOW  
Final Vol: 5000 uL

Date Collected: 10/21/25  
Date Received: 10/21/25  
SDG No.: Q3419  
Matrix: SOIL  
% Solid: 54.4  
Test: VOC-TCLVOA-10

| CAS Number     | Parameter                      | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|----------------|--------------------------------|-------|------|----|------|------------|-------|----------------|----------|
| <b>TARGETS</b> |                                |       |      |    |      |            |       |                |          |
| 75-71-8        | Dichlorodifluoromethane        | 99.9  |      | 1  | 1.80 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 74-87-3        | Chloromethane                  | 89.3  |      | 1  | 1.80 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 75-01-4        | Vinyl Chloride                 | 95.4  |      | 1  | 1.20 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 74-83-9        | Bromomethane                   | 45.2  |      | 1  | 1.70 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 75-00-3        | Chloroethane                   | 100   |      | 1  | 2.00 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 75-69-4        | Trichlorofluoromethane         | 100   |      | 1  | 1.90 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 83.0  |      | 1  | 1.70 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 75-35-4        | 1,1-Dichloroethene             | 100   |      | 1  | 1.60 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 67-64-1        | Acetone                        | 1200  |      | 1  | 7.50 | 39.5       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 75-15-0        | Carbon Disulfide               | 120   |      | 1  | 1.70 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 1634-04-4      | Methyl tert-butyl Ether        | 150   |      | 1  | 1.20 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 79-20-9        | Methyl Acetate                 | 430   | E    | 1  | 2.40 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 75-09-2        | Methylene Chloride             | 100   |      | 1  | 5.60 | 15.8       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 156-60-5       | trans-1,2-Dichloroethene       | 82.6  |      | 1  | 1.40 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 75-34-3        | 1,1-Dichloroethane             | 100   |      | 1  | 1.30 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 110-82-7       | Cyclohexane                    | 45.2  |      | 1  | 1.20 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 78-93-3        | 2-Butanone                     | 970   |      | 1  | 10.3 | 39.5       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 56-23-5        | Carbon Tetrachloride           | 58.9  |      | 1  | 1.50 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 156-59-2       | cis-1,2-Dichloroethene         | 95.3  |      | 1  | 1.20 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 74-97-5        | Bromochloromethane             | 96.1  |      | 1  | 1.80 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 67-66-3        | Chloroform                     | 110   |      | 1  | 1.30 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 71-55-6        | 1,1,1-Trichloroethane          | 98.5  |      | 1  | 1.50 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 108-87-2       | Methylcyclohexane              | 29.4  |      | 1  | 1.40 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 71-43-2        | Benzene                        | 100   |      | 1  | 1.20 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 107-06-2       | 1,2-Dichloroethane             | 120   |      | 1  | 1.20 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 79-01-6        | Trichloroethene                | 89.8  |      | 1  | 1.30 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 78-87-5        | 1,2-Dichloropropane            | 110   |      | 1  | 1.40 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 75-27-4        | Bromodichloromethane           | 100   |      | 1  | 1.20 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 980   |      | 1  | 5.70 | 39.5       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 108-88-3       | Toluene                        | 80.6  |      | 1  | 1.20 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 10061-02-6     | t-1,3-Dichloropropene          | 33.6  |      | 1  | 1.00 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 24.0  |      | 1  | 0.98 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 79-00-5        | 1,1,2-Trichloroethane          | 140   |      | 1  | 1.50 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 591-78-6       | 2-Hexanone                     | 930   |      | 1  | 5.80 | 39.5       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 124-48-1       | Dibromochloromethane           | 110   |      | 1  | 1.40 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 106-93-4       | 1,2-Dibromoethane              | 120   |      | 1  | 1.40 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 127-18-4       | Tetrachloroethene              | 85.4  |      | 1  | 1.70 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 108-90-7       | Chlorobenzene                  | 87.9  |      | 1  | 1.40 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 100-41-4       | Ethyl Benzene                  | 69.7  |      | 1  | 1.10 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 179601-23-1    | m/p-Xylenes                    | 130   |      | 1  | 2.00 | 15.8       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 95-47-6        | o-Xylene                       | 70.9  |      | 1  | 1.30 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 100-42-5       | Styrene                        | 56.7  |      | 1  | 1.10 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |
| 75-25-2        | Bromoform                      | 150   |      | 1  | 1.40 | 7.90       | ug/Kg | 10/24/25 18:20 | VY102425 |

## Report of Analysis

|                    |                                                  |                 |               |
|--------------------|--------------------------------------------------|-----------------|---------------|
| Client:            | AECOM                                            | Date Collected: | 10/21/25      |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received:  | 10/21/25      |
| Client Sample ID:  | PR-132-S16-015094-202510                         | SDG No.:        | Q3419         |
| Lab Sample ID:     | Q3419-03MSD                                      | Matrix:         | SOIL          |
| Analytical Method: | 8260D                                            | % Solid:        | 54.4          |
| Sample Wt/Vol:     | 5.82 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            | 77.2              |      | 1  | 1.20     | 7.90       | ug/Kg   | 10/24/25 18:20 | VY102425 |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 280               | E    | 1  | 1.90     | 7.90       | ug/Kg   | 10/24/25 18:20 | VY102425 |
| 541-73-1                  | 1,3-Dichlorobenzene         | 62.5              |      | 1  | 2.70     | 7.90       | ug/Kg   | 10/24/25 18:20 | VY102425 |
| 106-46-7                  | 1,4-Dichlorobenzene         | 65.6              |      | 1  | 2.50     | 7.90       | ug/Kg   | 10/24/25 18:20 | VY102425 |
| 95-50-1                   | 1,2-Dichlorobenzene         | 72.3              |      | 1  | 2.30     | 7.90       | ug/Kg   | 10/24/25 18:20 | VY102425 |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 250               | E    | 1  | 2.90     | 7.90       | ug/Kg   | 10/24/25 18:20 | VY102425 |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 26.2              |      | 1  | 4.70     | 7.90       | ug/Kg   | 10/24/25 18:20 | VY102425 |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 29.6              |      | 1  | 5.00     | 7.90       | ug/Kg   | 10/24/25 18:20 | VY102425 |
| <b>SURROGATES</b>         |                             |                   |      |    |          |            |         |                |          |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 54.7              |      |    | 63 - 155 | 109%       | SPK: 50 |                |          |
| 1868-53-7                 | Dibromofluoromethane        | 46.4              |      |    | 70 - 134 | 93%        | SPK: 50 |                |          |
| 2037-26-5                 | Toluene-d8                  | 34.7              | *    |    | 74 - 123 | 69%        | SPK: 50 |                |          |
| 460-00-4                  | 4-Bromofluorobenzene        | 25.0              |      |    | 17 - 146 | 50%        | SPK: 50 |                |          |
| <b>INTERNAL STANDARDS</b> |                             |                   |      |    |          |            |         |                |          |
|                           |                             | <b>Area Count</b> |      |    |          |            |         |                |          |
| 363-72-4                  | Pentafluorobenzene          | 174000            |      |    |          |            |         |                |          |
| 540-36-3                  | 1,4-Difluorobenzene         | 246000            |      |    |          |            |         |                |          |
| 3114-55-4                 | Chlorobenzene-d5            | 158000            |      |    |          |            |         |                |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 48900             |      |    |          |            |         |                |          |

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