Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# 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: | PR132-S15-000008-202510 | SDG No.: | Q3422 |
| Lab Sample ID: | Q3422-01 | Matrix: | SOIL |
| Analytical Method: | 8260D Level: LOW | % Solid: | 58.1 |
| Sample Wt/Vol: | 4.38 g Final Vol: 5000 uL | Test: | VOC-TCLVOA-10 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 9.80 | U | 1 | 2.20 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 74-87-3 | Chloromethane | 9.80 | U | 1 | 2.20 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 75-01-4 | Vinyl Chloride | 9.80 | U | 1 | 1.60 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 74-83-9 | Bromomethane | 9.80 | U | 1 | 2.10 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 75-00-3 | Chloroethane | 9.80 | U | 1 | 2.50 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 75-69-4 | Trichlorofluoromethane | 9.80 | U | 1 | 2.40 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 9.80 | U | 1 | 2.10 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 75-35-4 | 1,1-Dichloroethene | 9.80 | U | 1 | 2.00 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 67-64-1 | Acetone | 65.6 | | 1 | 9.30 | 49.1 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 75-15-0 | Carbon Disulfide | 8.30 | J | 1 | 2.10 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 1634-04-4 | Methyl tert-butyl Ether | 9.80 | U | 1 | 1.40 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 79-20-9 | Methyl Acetate | 9.80 | U | 1 | 3.00 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 75-09-2 | Methylene Chloride | 19.6 | U | 1 | 6.90 | 19.6 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 156-60-5 | trans-1,2-Dichloroethene | 9.80 | U | 1 | 1.70 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 75-34-3 | 1,1-Dichloroethane | 9.80 | U | 1 | 1.60 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 110-82-7 | Cyclohexane | 9.80 | U | 1 | 1.60 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 78-93-3 | 2-Butanone | 17.2 | J | 1 | 12.8 | 49.1 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 56-23-5 | Carbon Tetrachloride | 9.80 | U | 1 | 1.90 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 156-59-2 | cis-1,2-Dichloroethene | 9.80 | U | 1 | 1.50 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 74-97-5 | Bromochloromethane | 9.80 | U | 1 | 2.30 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 67-66-3 | Chloroform | 9.80 | U | 1 | 1.70 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 71-55-6 | 1,1,1-Trichloroethane | 9.80 | U | 1 | 1.80 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 108-87-2 | Methylcyclohexane | 14.6 | | 1 | 1.80 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 71-43-2 | Benzene | 9.80 | U | 1 | 1.60 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 107-06-2 | 1,2-Dichloroethane | 9.80 | U | 1 | 1.60 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 79-01-6 | Trichloroethene | 9.80 | U | 1 | 1.60 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 78-87-5 | 1,2-Dichloropropane | 9.80 | U | 1 | 1.80 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 75-27-4 | Bromodichloromethane | 9.80 | U | 1 | 1.50 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 108-10-1 | 4-Methyl-2-Pentanone | 49.1 | U | 1 | 7.00 | 49.1 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 108-88-3 | Toluene | 9.80 | U | 1 | 1.50 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 10061-02-6 | t-1,3-Dichloropropene | 9.80 | U | 1 | 1.30 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 10061-01-5 | cis-1,3-Dichloropropene | 9.80 | U | 1 | 1.20 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 79-00-5 | 1,1,2-Trichloroethane | 9.80 | U | 1 | 1.80 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 591-78-6 | 2-Hexanone | 49.1 | U | 1 | 7.30 | 49.1 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 124-48-1 | Dibromochloromethane | 9.80 | U | 1 | 1.70 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 106-93-4 | 1,2-Dibromoethane | 9.80 | U | 1 | 1.70 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 127-18-4 | Tetrachloroethene | 9.80 | U | 1 | 2.10 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 108-90-7 | Chlorobenzene | 9.80 | U | 1 | 1.80 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 100-41-4 | Ethyl Benzene | 9.80 | U | 1 | 1.30 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 179601-23-1 | m/p-Xylenes | 19.6 | U | 1 | 2.40 | 19.6 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 95-47-6 | o-Xylene | 9.80 | U | 1 | 1.60 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 100-42-5 | Styrene | 9.80 | U | 1 | 1.40 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 75-25-2 | Bromoform | 9.80 | U | 1 | 1.70 | 9.80 | ug/Kg | 10/22/25 16:22 | 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-S15-000008-202510 | SDG No.: | Q3422 |
| Lab Sample ID: | Q3422-01 | Matrix: | SOIL |
| Analytical Method: | 8260D Level: LOW | % Solid: | 58.1 |
| Sample Wt/Vol: | 4.38 g 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 | 9.80 | U | 1 | 1.50 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 9.80 | U | 1 | 2.40 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 541-73-1 | 1,3-Dichlorobenzene | 9.80 | U | 1 | 3.40 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 106-46-7 | 1,4-Dichlorobenzene | 9.80 | U | 1 | 3.10 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 95-50-1 | 1,2-Dichlorobenzene | 9.80 | U | 1 | 2.80 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 9.80 | U | 1 | 3.60 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 9.80 | U | 1 | 5.80 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 9.80 | U | 1 | 6.20 | 9.80 | ug/Kg | 10/22/25 16:22 | VY102225 |
| **SURROGATES** | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 50.2 | | | 63 - 155 | 100% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 49.8 | | | 70 - 134 | 100% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 49.8 | | | 74 - 123 | 100% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 48.3 | | | 17 - 146 | 97% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 828000 | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 1320000 | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 1120000 | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 515000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 75-65-0 | Tert butyl alcohol | 63.6 | J | | | 4.87 | ug/Kg | | |
| 000091-17-8 | Naphthalene, decahydro- | 45.6 | J | | | 13.7 | ug/Kg | | |
| 002958-76-1 | Naphthalene, decahydro-2-methyl- | 61.4 | J | | | 14.2 | 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