

## Report of Analysis

|                    |                                        |           |                 |              |    |
|--------------------|----------------------------------------|-----------|-----------------|--------------|----|
| Client:            | Alliance Technical Group, LLC - Newark |           | Date Collected: | 04/21/25     |    |
| Project:           | NJ Soil PT                             |           | Date Received:  | 04/24/25     |    |
| Client Sample ID:  | HW0425-PT-VOA-SOILDL                   |           | SDG No.:        | Q1872        |    |
| Lab Sample ID:     | Q1872-23DL                             |           | Matrix:         | SOIL         |    |
| Analytical Method: | 8260D                                  |           | % Solid:        | 100          |    |
| Sample Wt/Vol:     | 5                                      | Units: g  | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                        | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | RXI-624                                | ID : 0.25 | Level :         | LOW          |    |
| Prep Method :      |                                        |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022051.D        | 4         |           | 04/29/25 12:22 | vy042925      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 4.60  | UD        | 4.60 | 20.0       | ug/Kg             |
| 74-87-3        | Chloromethane                  | 4.60  | UD        | 4.60 | 20.0       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 3.20  | UD        | 3.20 | 20.0       | ug/Kg             |
| 141-78-6       | Ethyl Acetate                  | 5.20  | UD        | 5.20 | 20.0       | ug/Kg             |
| 108-21-4       | Isopropyl Acetate              | 3.60  | UD        | 3.60 | 20.0       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 4.30  | UD        | 4.30 | 20.0       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 5.00  | UD        | 5.00 | 20.0       | ug/Kg             |
| 109-99-9       | Tetrahydrofuran                | 18.7  | UD        | 18.7 | 100        | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 4.80  | UD        | 4.80 | 20.0       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 4.20  | UD        | 4.20 | 20.0       | ug/Kg             |
| 75-65-0        | Tert butyl alcohol             | 54.8  | UD        | 54.8 | 100        | ug/Kg             |
| 60-29-7        | Diethyl Ether                  | 3.10  | UD        | 3.10 | 20.0       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 150   | D         | 4.00 | 20.0       | ug/Kg             |
| 107-02-8       | Acrolein                       | 35.2  | UD        | 35.2 | 100        | ug/Kg             |
| 107-13-1       | Acrylonitrile                  | 19.9  | UD        | 19.9 | 100        | ug/Kg             |
| 67-64-1        | Acetone                        | 370   | D         | 19.0 | 100        | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 4.20  | UD        | 4.20 | 20.0       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 160   | D         | 2.90 | 20.0       | ug/Kg             |
| 79-20-9        | Methyl Acetate                 | 6.20  | UD        | 6.20 | 20.0       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 14.1  | UD        | 14.1 | 40.0       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 3.40  | UD        | 3.40 | 20.0       | ug/Kg             |
| 108-05-4       | Vinyl Acetate                  | 19.4  | UD        | 19.4 | 100        | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 3.20  | UD        | 3.20 | 20.0       | ug/Kg             |
| 110-82-7       | Cyclohexane                    | 3.20  | UD        | 3.20 | 20.0       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 320   | D         | 26.2 | 100        | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 110   | D         | 3.90 | 20.0       | ug/Kg             |
| 594-20-7       | 2,2-Dichloropropane            | 160   | D         | 5.10 | 20.0       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 43.3  | D         | 3.00 | 20.0       | ug/Kg             |
| 74-97-5        | Bromochloromethane             | 4.60  | UD        | 4.60 | 20.0       | ug/Kg             |
| 67-66-3        | Chloroform                     | 79.6  | D         | 3.40 | 20.0       | ug/Kg             |

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| Project:           | NJ Soil PT                             |           | Date Received:  | 04/24/25     |    |
| Client Sample ID:  | HW0425-PT-VOA-SOILDL                   |           | SDG No.:        | Q1872        |    |
| Lab Sample ID:     | Q1872-23DL                             |           | Matrix:         | SOIL         |    |
| Analytical Method: | 8260D                                  |           | % Solid:        | 100          |    |
| Sample Wt/Vol:     | 5                                      | Units: g  | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                        | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | RXI-624                                | ID : 0.25 | Level :         | LOW          |    |
| Prep Method :      |                                        |           |                 |              |    |

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| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022051.D        | 4         |           | 04/29/25 12:22 | vy042925      |

| CAS Number  | Parameter                 | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|-------------|---------------------------|-------|-----------|------|------------|-------------------|
| 71-55-6     | 1,1,1-Trichloroethane     | 3.70  | UD        | 3.70 | 20.0       | ug/Kg             |
| 108-87-2    | Methylcyclohexane         | 3.60  | UD        | 3.60 | 20.0       | ug/Kg             |
| 563-58-6    | 1,1-Dichloropropene       | 3.50  | UD        | 3.50 | 20.0       | ug/Kg             |
| 71-43-2     | Benzene                   | 92.0  | D         | 3.20 | 20.0       | ug/Kg             |
| 107-06-2    | 1,2-Dichloroethane        | 49.4  | D         | 3.20 | 20.0       | ug/Kg             |
| 79-01-6     | Trichloroethene           | 3.20  | UD        | 3.20 | 20.0       | ug/Kg             |
| 78-87-5     | 1,2-Dichloropropane       | 57.3  | D         | 3.60 | 20.0       | ug/Kg             |
| 74-95-3     | Dibromomethane            | 3.60  | UD        | 3.60 | 20.0       | ug/Kg             |
| 75-27-4     | Bromodichloromethane      | 180   | D         | 3.10 | 20.0       | ug/Kg             |
| 108-10-1    | 4-Methyl-2-Pentanone      | 300   | D         | 14.3 | 100        | ug/Kg             |
| 80-62-6     | Methyl methacrylate       | 3.00  | UD        | 3.00 | 20.0       | ug/Kg             |
| 108-88-3    | Toluene                   | 180   | D         | 3.10 | 20.0       | ug/Kg             |
| 10061-02-6  | t-1,3-Dichloropropene     | 110   | D         | 2.60 | 20.0       | ug/Kg             |
| 10061-01-5  | cis-1,3-Dichloropropene   | 95.1  | D         | 2.50 | 20.0       | ug/Kg             |
| 79-00-5     | 1,1,2-Trichloroethane     | 72.4  | D         | 3.70 | 20.0       | ug/Kg             |
| 142-28-9    | 1,3-Dichloropropane       | 2.70  | UD        | 2.70 | 20.0       | ug/Kg             |
| 110-75-8    | 2-Chloroethyl Vinyl ether | 15.0  | UD        | 15.0 | 100        | ug/Kg             |
| 591-78-6    | 2-Hexanone                | 290   | D         | 14.8 | 100        | ug/Kg             |
| 124-48-1    | Dibromochloromethane      | 73.1  | D         | 3.50 | 20.0       | ug/Kg             |
| 106-93-4    | 1,2-Dibromoethane         | 3.50  | UD        | 3.50 | 20.0       | ug/Kg             |
| 127-18-4    | Tetrachloroethene         | 100   | D         | 4.20 | 20.0       | ug/Kg             |
| 108-90-7    | Chlorobenzene             | 93.7  | D         | 3.60 | 20.0       | ug/Kg             |
| 630-20-6    | 1,1,1,2-Tetrachloroethane | 160   | D         | 3.10 | 20.0       | ug/Kg             |
| 67-72-1     | Hexachloroethane          | 4.20  | UD        | 4.20 | 20.0       | ug/Kg             |
| 100-41-4    | Ethyl Benzene             | 2.70  | UD        | 2.70 | 20.0       | ug/Kg             |
| 179601-23-1 | m/p-Xylenes               | 110   | D         | 5.00 | 40.0       | ug/Kg             |
| 1330-20-7   | Total Xylenes             | 230   | D         | 8.30 | 60.0       | ug/Kg             |
| 95-47-6     | o-Xylene                  | 120   | D         | 3.30 | 20.0       | ug/Kg             |
| 100-42-5    | Styrene                   | 120   | D         | 2.80 | 20.0       | ug/Kg             |
| 75-25-2     | Bromoform                 | 96.0  | D         | 3.40 | 20.0       | ug/Kg             |
| 98-82-8     | Isopropylbenzene          | 3.10  | UD        | 3.10 | 20.0       | ug/Kg             |

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| Project:           | NJ Soil PT                             |           | Date Received:  | 04/24/25     |    |
| Client Sample ID:  | HW0425-PT-VOA-SOILDL                   |           | SDG No.:        | Q1872        |    |
| Lab Sample ID:     | Q1872-23DL                             |           | Matrix:         | SOIL         |    |
| Analytical Method: | 8260D                                  |           | % Solid:        | 100          |    |
| Sample Wt/Vol:     | 5                                      | Units: g  | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                        | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | RXI-624                                | ID : 0.25 | Level :         | LOW          |    |
| Prep Method :      |                                        |           |                 |              |    |

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| VY022051.D        | 4         |           | 04/29/25 12:22 | vy042925      |

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|-------------------|-----------------------------|-------|-----------|----------|------------|-------------------|
| 79-34-5           | 1,1,2,2-Tetrachloroethane   | 4.80  | UD        | 4.80     | 20.0       | ug/Kg             |
| 96-18-4           | 1,2,3-Trichloropropane      | 110   | D         | 5.00     | 20.0       | ug/Kg             |
| 108-86-1          | Bromobenzene                | 4.80  | UD        | 4.80     | 20.0       | ug/Kg             |
| 103-65-1          | n-propylbenzene             | 2.90  | UD        | 2.90     | 20.0       | ug/Kg             |
| 95-49-8           | 2-Chlorotoluene             | 2.70  | UD        | 2.70     | 20.0       | ug/Kg             |
| 108-67-8          | 1,3,5-Trimethylbenzene      | 3.30  | UD        | 3.30     | 20.0       | ug/Kg             |
| 106-43-4          | 4-Chlorotoluene             | 4.90  | UD        | 4.90     | 20.0       | ug/Kg             |
| 98-06-6           | tert-Butylbenzene           | 2.70  | UD        | 2.70     | 20.0       | ug/Kg             |
| 95-63-6           | 1,2,4-Trimethylbenzene      | 150   | D         | 2.60     | 20.0       | ug/Kg             |
| 135-98-8          | sec-Butylbenzene            | 2.60  | UD        | 2.60     | 20.0       | ug/Kg             |
| 99-87-6           | p-Isopropyltoluene          | 2.50  | UD        | 2.50     | 20.0       | ug/Kg             |
| 541-73-1          | 1,3-Dichlorobenzene         | 6.80  | UD        | 6.80     | 20.0       | ug/Kg             |
| 106-46-7          | 1,4-Dichlorobenzene         | 26.0  | D         | 6.20     | 20.0       | ug/Kg             |
| 104-51-8          | n-Butylbenzene              | 48.4  | D         | 5.80     | 20.0       | ug/Kg             |
| 95-50-1           | 1,2-Dichlorobenzene         | 51.6  | D         | 5.80     | 20.0       | ug/Kg             |
| 96-12-8           | 1,2-Dibromo-3-Chloropropane | 7.40  | UD        | 7.40     | 20.0       | ug/Kg             |
| 120-82-1          | 1,2,4-Trichlorobenzene      | 48.3  | D         | 11.9     | 20.0       | ug/Kg             |
| 87-68-3           | Hexachlorobutadiene         | 7.60  | UD        | 7.60     | 20.0       | ug/Kg             |
| 91-20-3           | Naphthalene                 | 10.3  | UD        | 10.3     | 20.0       | ug/Kg             |
| 87-61-6           | 1,2,3-Trichlorobenzene      | 12.7  | UD        | 12.7     | 20.0       | ug/Kg             |
| 628-63-7          | N-amyl acetate              | 3.90  | UDQ       | 3.90     | 20.0       | ug/Kg             |
| 74-88-4           | Methyl Iodide               | 3.60  | UD        | 3.60     | 20.0       | ug/Kg             |
| 107-05-1          | Allyl chloride              | 3.10  | UD        | 3.10     | 20.0       | ug/Kg             |
| 110-57-6          | trans-1,4-Dichloro-2-butene | 4.20  | UD        | 4.20     | 20.0       | ug/Kg             |
| 126-98-7          | Methacrylonitrile           | 7.00  | UD        | 7.00     | 20.0       | ug/Kg             |
| 108-20-3          | Diisopropyl ether           | 100   | D         | 2.20     | 20.0       | ug/Kg             |
| 123-91-1          | 1,4-Dioxane                 | 190   | UD        | 190      | 400        | ug/Kg             |
| <b>SURROGATES</b> |                             |       |           |          |            |                   |
| 17060-07-0        | 1,2-Dichloroethane-d4       | 50.8  |           | 63 - 155 | 102%       | SPK: 50           |
| 1868-53-7         | Dibromofluoromethane        | 49.7  |           | 70 - 134 | 99%        | SPK: 50           |
| 2037-26-5         | Toluene-d8                  | 51.3  |           | 74 - 123 | 103%       | SPK: 50           |

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| Sample Wt/Vol:     | 5                                      | Units: g  | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                                        | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | RXI-624                                | ID : 0.25 | Level :         | LOW          |    |
| Prep Method :      |                                        |           |                 |              |    |

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| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022051.D        | 4         |           | 04/29/25 12:22 | vy042925      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|----------|------------|---------|
| 460-00-4                  | 4-Bromofluorobenzene   | 47.2   |           | 38 - 136 | 94%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene     | 275000 | 7.707     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 445000 | 8.615     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 399000 | 11.414    |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 203000 | 13.346    |          |            |         |

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