

## Report of Analysis

|                    |                                        |           |                 |              |
|--------------------|----------------------------------------|-----------|-----------------|--------------|
| Client:            | Alliance Technical Group, LLC - Newark |           | Date Collected: |              |
| Project:           | NJ Soil PT                             |           | Date Received:  |              |
| Client Sample ID:  | VY0428SBSD01                           |           | SDG No.:        | Q1872        |
| Lab Sample ID:     | VY0428SBSD01                           |           | 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 |
| VY022024.D        | 1         |           | 04/28/25 12:02 | VY042825      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 19.3  |           | 1.10 | 5.00       | ug/Kg             |
| 74-87-3        | Chloromethane                  | 20.5  |           | 1.10 | 5.00       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 19.7  |           | 0.79 | 5.00       | ug/Kg             |
| 141-78-6       | Ethyl Acetate                  | 20.2  |           | 1.30 | 5.00       | ug/Kg             |
| 108-21-4       | Isopropyl Acetate              | 19.4  |           | 0.91 | 5.00       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 20.2  |           | 1.10 | 5.00       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 19.3  |           | 1.30 | 5.00       | ug/Kg             |
| 109-99-9       | Tetrahydrofuran                | 95.0  |           | 4.70 | 25.0       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 19.5  |           | 1.20 | 5.00       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 20.0  |           | 1.10 | 5.00       | ug/Kg             |
| 75-65-0        | Tert butyl alcohol             | 94.5  |           | 13.7 | 25.0       | ug/Kg             |
| 60-29-7        | Diethyl Ether                  | 18.7  |           | 0.77 | 5.00       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 19.6  |           | 1.00 | 5.00       | ug/Kg             |
| 107-02-8       | Acrolein                       | 80.4  |           | 8.80 | 25.0       | ug/Kg             |
| 107-13-1       | Acrylonitrile                  | 94.6  |           | 5.00 | 25.0       | ug/Kg             |
| 67-64-1        | Acetone                        | 91.7  |           | 4.70 | 25.0       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 19.6  |           | 1.10 | 5.00       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 19.0  |           | 0.73 | 5.00       | ug/Kg             |
| 79-20-9        | Methyl Acetate                 | 20.4  |           | 1.50 | 5.00       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 19.6  |           | 3.50 | 10.0       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 20.0  |           | 0.86 | 5.00       | ug/Kg             |
| 108-05-4       | Vinyl Acetate                  | 95.9  |           | 4.90 | 25.0       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 19.7  |           | 0.80 | 5.00       | ug/Kg             |
| 110-82-7       | Cyclohexane                    | 18.8  |           | 0.79 | 5.00       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 91.2  |           | 6.50 | 25.0       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 19.8  |           | 0.97 | 5.00       | ug/Kg             |
| 594-20-7       | 2,2-Dichloropropane            | 20.1  |           | 1.30 | 5.00       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 19.6  |           | 0.75 | 5.00       | ug/Kg             |
| 74-97-5        | Bromochloromethane             | 19.3  |           | 1.20 | 5.00       | ug/Kg             |
| 67-66-3        | Chloroform                     | 20.5  |           | 0.84 | 5.00       | ug/Kg             |

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| Client:            | Alliance Technical Group, LLC - Newark |           | Date Collected: |              |
| Project:           | NJ Soil PT                             |           | Date Received:  |              |
| Client Sample ID:  | VY0428SBSD01                           |           | SDG No.:        | Q1872        |
| Lab Sample ID:     | VY0428SBSD01                           |           | 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 |
| VY022024.D        | 1         |           | 04/28/25 12:02 | VY042825      |

| CAS Number  | Parameter                 | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|-------------|---------------------------|-------|-----------|------|------------|-------------------|
| 71-55-6     | 1,1,1-Trichloroethane     | 20.2  |           | 0.93 | 5.00       | ug/Kg             |
| 108-87-2    | Methylcyclohexane         | 18.6  |           | 0.91 | 5.00       | ug/Kg             |
| 563-58-6    | 1,1-Dichloropropene       | 20.3  |           | 0.87 | 5.00       | ug/Kg             |
| 71-43-2     | Benzene                   | 20.4  |           | 0.79 | 5.00       | ug/Kg             |
| 107-06-2    | 1,2-Dichloroethane        | 20.6  |           | 0.79 | 5.00       | ug/Kg             |
| 79-01-6     | Trichloroethene           | 20.5  |           | 0.81 | 5.00       | ug/Kg             |
| 78-87-5     | 1,2-Dichloropropane       | 20.2  |           | 0.91 | 5.00       | ug/Kg             |
| 74-95-3     | Dibromomethane            | 20.4  |           | 0.89 | 5.00       | ug/Kg             |
| 75-27-4     | Bromodichloromethane      | 20.5  |           | 0.78 | 5.00       | ug/Kg             |
| 108-10-1    | 4-Methyl-2-Pentanone      | 96.4  |           | 3.60 | 25.0       | ug/Kg             |
| 80-62-6     | Methyl methacrylate       | 18.7  |           | 0.74 | 5.00       | ug/Kg             |
| 108-88-3    | Toluene                   | 20.7  |           | 0.78 | 5.00       | ug/Kg             |
| 10061-02-6  | t-1,3-Dichloropropene     | 19.9  |           | 0.65 | 5.00       | ug/Kg             |
| 10061-01-5  | cis-1,3-Dichloropropene   | 20.1  |           | 0.62 | 5.00       | ug/Kg             |
| 79-00-5     | 1,1,2-Trichloroethane     | 21.0  |           | 0.92 | 5.00       | ug/Kg             |
| 142-28-9    | 1,3-Dichloropropane       | 20.1  |           | 0.68 | 5.00       | ug/Kg             |
| 110-75-8    | 2-Chloroethyl Vinyl ether | 95.4  |           | 3.80 | 25.0       | ug/Kg             |
| 591-78-6    | 2-Hexanone                | 95.4  |           | 3.70 | 25.0       | ug/Kg             |
| 124-48-1    | Dibromochloromethane      | 20.3  |           | 0.87 | 5.00       | ug/Kg             |
| 106-93-4    | 1,2-Dibromoethane         | 20.7  |           | 0.88 | 5.00       | ug/Kg             |
| 127-18-4    | Tetrachloroethene         | 20.5  |           | 1.10 | 5.00       | ug/Kg             |
| 108-90-7    | Chlorobenzene             | 19.9  |           | 0.91 | 5.00       | ug/Kg             |
| 630-20-6    | 1,1,1,2-Tetrachloroethane | 20.6  |           | 0.77 | 5.00       | ug/Kg             |
| 67-72-1     | Hexachloroethane          | 19.6  |           | 1.10 | 5.00       | ug/Kg             |
| 100-41-4    | Ethyl Benzene             | 19.7  |           | 0.67 | 5.00       | ug/Kg             |
| 179601-23-1 | m/p-Xylenes               | 40.4  |           | 1.20 | 10.0       | ug/Kg             |
| 1330-20-7   | Total Xylenes             | 60.3  |           | 2.02 | 15.0       | ug/Kg             |
| 95-47-6     | o-Xylene                  | 19.9  |           | 0.82 | 5.00       | ug/Kg             |
| 100-42-5    | Styrene                   | 20.2  |           | 0.71 | 5.00       | ug/Kg             |
| 75-25-2     | Bromoform                 | 20.6  |           | 0.86 | 5.00       | ug/Kg             |
| 98-82-8     | Isopropylbenzene          | 19.5  |           | 0.78 | 5.00       | ug/Kg             |

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| Project:           | NJ Soil PT                             |           | Date Received:  |              |
| Client Sample ID:  | VY0428SBSD01                           |           | SDG No.:        | Q1872        |
| Lab Sample ID:     | VY0428SBSD01                           |           | 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 |
| VY022024.D        | 1         |           | 04/28/25 12:02 | VY042825      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-----------------------------|-------|-----------|----------|------------|-------------------|
| 79-34-5           | 1,1,2,2-Tetrachloroethane   | 19.7  |           | 1.20     | 5.00       | ug/Kg             |
| 96-18-4           | 1,2,3-Trichloropropane      | 18.8  |           | 1.20     | 5.00       | ug/Kg             |
| 108-86-1          | Bromobenzene                | 20.4  |           | 1.20     | 5.00       | ug/Kg             |
| 103-65-1          | n-propylbenzene             | 19.8  |           | 0.73     | 5.00       | ug/Kg             |
| 95-49-8           | 2-Chlorotoluene             | 19.8  |           | 0.68     | 5.00       | ug/Kg             |
| 108-67-8          | 1,3,5-Trimethylbenzene      | 19.8  |           | 0.82     | 5.00       | ug/Kg             |
| 106-43-4          | 4-Chlorotoluene             | 20.3  |           | 1.20     | 5.00       | ug/Kg             |
| 98-06-6           | tert-Butylbenzene           | 19.4  |           | 0.67     | 5.00       | ug/Kg             |
| 95-63-6           | 1,2,4-Trimethylbenzene      | 20.0  |           | 0.64     | 5.00       | ug/Kg             |
| 135-98-8          | sec-Butylbenzene            | 19.6  |           | 0.66     | 5.00       | ug/Kg             |
| 99-87-6           | p-Isopropyltoluene          | 19.8  |           | 0.62     | 5.00       | ug/Kg             |
| 541-73-1          | 1,3-Dichlorobenzene         | 20.0  |           | 1.70     | 5.00       | ug/Kg             |
| 106-46-7          | 1,4-Dichlorobenzene         | 20.4  |           | 1.60     | 5.00       | ug/Kg             |
| 104-51-8          | n-Butylbenzene              | 19.0  |           | 1.50     | 5.00       | ug/Kg             |
| 95-50-1           | 1,2-Dichlorobenzene         | 20.1  |           | 1.50     | 5.00       | ug/Kg             |
| 96-12-8           | 1,2-Dibromo-3-Chloropropane | 19.2  |           | 1.80     | 5.00       | ug/Kg             |
| 120-82-1          | 1,2,4-Trichlorobenzene      | 19.3  |           | 3.00     | 5.00       | ug/Kg             |
| 87-68-3           | Hexachlorobutadiene         | 20.2  |           | 1.90     | 5.00       | ug/Kg             |
| 91-20-3           | Naphthalene                 | 17.7  |           | 2.60     | 5.00       | ug/Kg             |
| 87-61-6           | 1,2,3-Trichlorobenzene      | 19.5  |           | 3.20     | 5.00       | ug/Kg             |
| 628-63-7          | N-amyl acetate              | 18.0  |           | 0.97     | 5.00       | ug/Kg             |
| 74-88-4           | Methyl Iodide               | 20.0  |           | 0.91     | 5.00       | ug/Kg             |
| 107-05-1          | Allyl chloride              | 19.0  |           | 0.78     | 5.00       | ug/Kg             |
| 110-57-6          | trans-1,4-Dichloro-2-butene | 19.0  |           | 1.10     | 5.00       | ug/Kg             |
| 126-98-7          | Methacrylonitrile           | 18.4  |           | 1.80     | 5.00       | ug/Kg             |
| 108-20-3          | Diisopropyl ether           | 19.8  |           | 0.55     | 5.00       | ug/Kg             |
| 123-91-1          | 1,4-Dioxane                 | 400   |           | 48.1     | 100        | ug/Kg             |
| <b>SURROGATES</b> |                             |       |           |          |            |                   |
| 17060-07-0        | 1,2-Dichloroethane-d4       | 48.0  |           | 63 - 155 | 96%        | SPK: 50           |
| 1868-53-7         | Dibromofluoromethane        | 50.0  |           | 70 - 134 | 100%       | SPK: 50           |
| 2037-26-5         | Toluene-d8                  | 50.3  |           | 74 - 123 | 101%       | SPK: 50           |

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| Client Sample ID:  | VY0428SBSD01                           |           | SDG No.:        | Q1872        |
| Lab Sample ID:     | VY0428SBSD01                           |           | 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 |
| VY022024.D        | 1         |           | 04/28/25 12:02 | VY042825      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|----------|------------|---------|
| 460-00-4                  | 4-Bromofluorobenzene   | 48.8   |           | 38 - 136 | 98%        | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 50.0   |           | 70 - 134 | 100%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene     | 304000 | 7.707     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 467000 | 8.616     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 430000 | 11.414    |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 229000 | 13.347    |          |            |         |

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