

## Report of Analysis

|                    |                                        |                  |                 |               |
|--------------------|----------------------------------------|------------------|-----------------|---------------|
| Client:            | Alliance Technical Group, LLC - Newark |                  | Date Collected: |               |
| Project:           | NJ Soil PT                             |                  | Date Received:  |               |
| Client Sample ID:  | PB167915BL                             |                  | SDG No.:        | Q1872         |
| Lab Sample ID:     | PB167915BL                             |                  | Matrix:         | SOIL          |
| Analytical Method: | SW8270ESIM                             |                  | % Solid:        | 100           |
| Sample Wt/Vol:     | 30.02                                  | Units: g         | Final Vol:      | 1000 uL       |
| Soil Aliquot Vol:  |                                        | uL               | Test:           | SVOCMS Group2 |
| Extraction Type :  |                                        | Decanted : N     | Level :         | LOW           |
| Injection Volume : |                                        | GPC Factor : 1.0 | GPC Cleanup :   | N PH :        |
| Prep Method :      | sw3541                                 |                  |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN036973.D        | 1         | 05/08/25 10:03 | 05/08/25 15:04 | PB167915      |

| CAS Number                | Parameter                  | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|----------------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                            |       |           |          |            |                   |
| 62-75-9                   | n-Nitrosodimethylamine     | 1.80  | U         | 1.80     | 6.60       | ug/Kg             |
| 87-68-3                   | Hexachlorobutadiene        | 1.10  | U         | 1.10     | 3.30       | ug/Kg             |
| 534-52-1                  | 4,6-Dinitro-2-methylphenol | 4.20  | U         | 4.20     | 6.60       | ug/Kg             |
| 118-74-1                  | Hexachlorobenzene          | 0.98  | U         | 0.98     | 3.30       | ug/Kg             |
| 87-86-5                   | Pentachlorophenol          | 3.20  | U         | 3.20     | 6.60       | ug/Kg             |
| 123-91-1                  | 1,4-Dioxane                | 1.60  | U         | 1.60     | 6.60       | ug/Kg             |
| <b>SURROGATES</b>         |                            |       |           |          |            |                   |
| 7297-45-2                 | 2-Methylnaphthalene-d10    | 0.32  |           | 17 - 161 | 79%        | SPK: 0.4          |
| 93951-69-0                | Fluoranthene-d10           | 0.37  |           | 23 - 138 | 91%        | SPK: 0.4          |
| 367-12-4                  | 2-Fluorophenol             | 0.34  |           | 28 - 122 | 85%        | SPK: 0.4          |
| 13127-88-3                | Phenol-d6                  | 0.30  |           | 25 - 125 | 75%        | SPK: 0.4          |
| 4165-60-0                 | Nitrobenzene-d5            | 0.32  |           | 33 - 121 | 79%        | SPK: 0.4          |
| 321-60-8                  | 2-Fluorobiphenyl           | 0.31  |           | 32 - 121 | 78%        | SPK: 0.4          |
| 118-79-6                  | 2,4,6-Tribromophenol       | 0.23  |           | 19 - 110 | 57%        | SPK: 0.4          |
| 1718-51-0                 | Terphenyl-d14              | 0.32  |           | 21 - 130 | 80%        | SPK: 0.4          |
| <b>INTERNAL STANDARDS</b> |                            |       |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 1580  |           | 7.625    |            |                   |
| 1146-65-2                 | Naphthalene-d8             | 3770  |           | 10.415   |            |                   |
| 15067-26-2                | Acenaphthene-d10           | 2030  |           | 14.277   |            |                   |
| 1517-22-2                 | Phenanthrene-d10           | 4070  |           | 17.021   |            |                   |
| 1719-03-5                 | Chrysene-d12               | 3600  |           | 21.215   |            |                   |
| 1520-96-3                 | Perylene-d12               | 3530  |           | 23.421   |            |                   |

## Report of Analysis

|                    |                                        |                  |                 |               |
|--------------------|----------------------------------------|------------------|-----------------|---------------|
| Client:            | Alliance Technical Group, LLC - Newark |                  | Date Collected: |               |
| Project:           | NJ Soil PT                             |                  | Date Received:  |               |
| Client Sample ID:  | PB167915BL                             |                  | SDG No.:        | Q1872         |
| Lab Sample ID:     | PB167915BL                             |                  | Matrix:         | SOIL          |
| Analytical Method: | SW8270ESIM                             |                  | % Solid:        | 100           |
| Sample Wt/Vol:     | 30.02                                  | Units: g         | Final Vol:      | 1000 uL       |
| Soil Aliquot Vol:  |                                        | uL               | Test:           | SVOCMS Group2 |
| Extraction Type :  |                                        | Decanted : N     | Level :         | LOW           |
| Injection Volume : |                                        | GPC Factor : 1.0 | GPC Cleanup :   | N PH :        |
| Prep Method :      | sw3541                                 |                  |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN036973.D        | 1         | 05/08/25 10:03 | 05/08/25 15:04 | PB167915      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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