

## Report of Analysis

|                    |                                        |           |                 |              |
|--------------------|----------------------------------------|-----------|-----------------|--------------|
| Client:            | Alliance Technical Group, LLC - Newark |           | Date Collected: |              |
| Project:           | NJ Waste Water PT                      |           | Date Received:  |              |
| Client Sample ID:  | VX0319WBS01                            |           | SDG No.:        | Q1502        |
| Lab Sample ID:     | VX0319WBS01                            |           | Matrix:         | Water        |
| Analytical Method: | E624.1                                 |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                      | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                                        | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                               | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                                        |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX045341.D        | 1         |           | 03/19/25 11:41 | VX031925      |

| CAS Number     | Parameter                | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|--------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                          |       |           |      |            |       |
| 75-71-8        | Dichlorodifluoromethane  | 17.5  |           | 0.77 | 5.00       | ug/L  |
| 74-87-3        | Chloromethane            | 15.2  |           | 0.64 | 5.00       | ug/L  |
| 75-01-4        | Vinyl Chloride           | 15.7  |           | 0.83 | 5.00       | ug/L  |
| 74-83-9        | Bromomethane             | 20.1  |           | 0.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane             | 16.5  |           | 2.30 | 5.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane   | 17.5  |           | 0.80 | 5.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene       | 17.9  |           | 0.76 | 5.00       | ug/L  |
| 107-02-8       | Acrolein                 | 100   |           | 6.60 | 25.0       | ug/L  |
| 107-13-1       | Acrylonitrile            | 110   |           | 2.80 | 25.0       | ug/L  |
| 67-64-1        | Acetone                  | 120   |           | 4.60 | 25.0       | ug/L  |
| 75-15-0        | Carbon Disulfide         | 14.6  |           | 0.82 | 5.00       | ug/L  |
| 1634-04-4      | Methyl tert-Butyl Ether  | 19.1  |           | 0.77 | 5.00       | ug/L  |
| 75-09-2        | Methylene Chloride       | 18.4  |           | 0.86 | 5.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene | 17.5  |           | 0.82 | 5.00       | ug/L  |
| 108-05-4       | Vinyl Acetate            | 96.0  |           | 3.20 | 25.0       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane       | 18.8  |           | 0.68 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone               | 120   |           | 2.00 | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride     | 20.4  |           | 0.74 | 5.00       | ug/L  |
| 594-20-7       | 2,2-Dichloropropane      | 18.8  |           | 0.66 | 5.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene   | 18.3  |           | 0.80 | 5.00       | ug/L  |
| 67-66-3        | Chloroform               | 19.6  |           | 0.55 | 5.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane    | 20.8  |           | 0.63 | 5.00       | ug/L  |
| 563-58-6       | 1,1-Dichloropropene      | 19.8  |           | 0.63 | 5.00       | ug/L  |
| 71-43-2        | Benzene                  | 19.8  |           | 0.45 | 5.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane       | 22.5  |           | 0.50 | 5.00       | ug/L  |
| 79-01-6        | Trichloroethene          | 19.3  |           | 0.49 | 5.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane      | 19.3  |           | 0.46 | 5.00       | ug/L  |
| 74-95-3        | Dibromomethane           | 21.0  |           | 0.59 | 5.00       | ug/L  |
| 75-27-4        | Bromodichloromethane     | 20.8  |           | 0.64 | 5.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone     | 120   |           | 3.00 | 25.0       | ug/L  |

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| Project:           | NJ Waste Water PT                      |           | Date Received:  |              |
| Client Sample ID:  | VX0319WBS01                            |           | SDG No.:        | Q1502        |
| Lab Sample ID:     | VX0319WBS01                            |           | Matrix:         | Water        |
| Analytical Method: | E624.1                                 |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                      | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                                        | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                               | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                                        |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX045341.D        | 1         |           | 03/19/25 11:41 | VX031925      |

| CAS Number  | Parameter                 | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|-------------|---------------------------|-------|-----------|------|------------|-------|
| 108-88-3    | Toluene                   | 20.3  |           | 0.46 | 5.00       | ug/L  |
| 10061-02-6  | t-1,3-Dichloropropene     | 18.3  |           | 0.72 | 5.00       | ug/L  |
| 10061-01-5  | cis-1,3-Dichloropropene   | 18.8  |           | 0.67 | 5.00       | ug/L  |
| 79-00-5     | 1,1,2-Trichloroethane     | 20.1  |           | 0.45 | 5.00       | ug/L  |
| 142-28-9    | 1,3-Dichloropropane       | 20.7  |           | 0.44 | 5.00       | ug/L  |
| 110-75-8    | 2-Chloroethyl vinyl ether | 130   |           | 4.60 | 25.0       | ug/L  |
| 591-78-6    | 2-Hexanone                | 120   |           | 3.20 | 25.0       | ug/L  |
| 124-48-1    | Dibromochloromethane      | 19.9  |           | 0.66 | 5.00       | ug/L  |
| 106-93-4    | 1,2-Dibromoethane         | 20.9  |           | 0.56 | 5.00       | ug/L  |
| 127-18-4    | Tetrachloroethene         | 21.1  |           | 0.84 | 5.00       | ug/L  |
| 108-90-7    | Chlorobenzene             | 19.7  |           | 0.47 | 5.00       | ug/L  |
| 630-20-6    | 1,1,1,2-Tetrachloroethane | 19.9  |           | 0.62 | 5.00       | ug/L  |
| 67-72-1     | Hexachloroethane          | 18.7  |           | 0.98 | 5.00       | ug/L  |
| 100-41-4    | Ethyl Benzene             | 20.3  |           | 0.56 | 5.00       | ug/L  |
| 179601-23-1 | m/p-Xylenes               | 40.4  |           | 1.30 | 10.0       | ug/L  |
| 1330-20-7   | Total Xylenes             | 60.6  |           | 1.97 | 15.0       | ug/L  |
| 95-47-6     | o-Xylene                  | 20.2  |           | 0.67 | 5.00       | ug/L  |
| 100-42-5    | Styrene                   | 19.5  |           | 0.72 | 5.00       | ug/L  |
| 75-25-2     | Bromoform                 | 19.4  |           | 0.94 | 5.00       | ug/L  |
| 98-82-8     | Isopropylbenzene          | 20.5  |           | 0.78 | 5.00       | ug/L  |
| 79-34-5     | 1,1,2,2-Tetrachloroethane | 21.3  |           | 0.44 | 5.00       | ug/L  |
| 96-18-4     | 1,2,3-Trichloropropane    | 21.6  |           | 0.62 | 5.00       | ug/L  |
| 108-86-1    | Bromobenzene              | 19.0  |           | 0.59 | 5.00       | ug/L  |
| 103-65-1    | n-propylbenzene           | 20.3  |           | 0.67 | 5.00       | ug/L  |
| 95-49-8     | 2-Chlorotoluene           | 20.3  |           | 0.64 | 5.00       | ug/L  |
| 108-67-8    | 1,3,5-Trimethylbenzene    | 20.5  |           | 0.59 | 5.00       | ug/L  |
| 106-43-4    | 4-Chlorotoluene           | 19.8  |           | 0.62 | 5.00       | ug/L  |
| 98-06-6     | tert-butylbenzene         | 20.2  |           | 0.71 | 5.00       | ug/L  |
| 95-63-6     | 1,2,4-Trimethylbenzene    | 19.8  |           | 0.77 | 5.00       | ug/L  |
| 135-98-8    | sec-Butylbenzene          | 20.2  |           | 0.64 | 5.00       | ug/L  |
| 99-87-6     | p-Isopropyltoluene        | 20.0  |           | 0.70 | 5.00       | ug/L  |

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| Client Sample ID:  | VX0319WBS01                            |           | SDG No.:        | Q1502        |
| Lab Sample ID:     | VX0319WBS01                            |           | Matrix:         | Water        |
| Analytical Method: | E624.1                                 |           | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                      | Units: mL | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  |                                        | uL        | Test:           | VOCMS Group1 |
| GC Column:         | DB-624UI                               | ID : 0.18 | Level :         | LOW          |
| Prep Method :      |                                        |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX045341.D        | 1         |           | 03/19/25 11:41 | VX031925      |

| CAS Number                | Parameter                   | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|-------|-----------|----------|------------|---------|
| 541-73-1                  | 1,3-Dichlorobenzene         | 19.4  |           | 0.67     | 5.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 19.0  |           | 0.81     | 5.00       | ug/L    |
| 104-51-8                  | n-Butylbenzene              | 19.4  |           | 0.82     | 5.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 19.6  |           | 0.67     | 5.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 21.9  |           | 0.86     | 5.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 18.5  |           | 1.00     | 5.00       | ug/L    |
| 87-68-3                   | Hexachlorobutadiene         | 19.9  |           | 0.68     | 5.00       | ug/L    |
| 91-20-3                   | Naphthalene                 | 19.3  |           | 1.00     | 5.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 18.6  |           | 1.10     | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                             |       |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 32.0  |           | 91 - 110 | 107%       | SPK: 30 |
| 2037-26-5                 | Toluene-d8                  | 31.1  |           | 91 - 112 | 104%       | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene        | 31.1  |           | 63 - 112 | 104%       | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                             |       |           |          |            |         |
| 74-97-5                   | Bromochloromethane          | 18700 | 4.891     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 97300 | 6.757     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 87300 | 10.049    |          |            |         |
| 74-97-5                   | Bromochloromethane          | 18700 | 4.891     |          |            |         |

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