

## Report of Analysis

|                    |                                    |           |                 |              |    |
|--------------------|------------------------------------|-----------|-----------------|--------------|----|
| Client:            | Lockwood, Kessler & Bartlett, Inc. |           | Date Collected: |              |    |
| Project:           | Ansonia Landfill 2025              |           | Date Received:  |              |    |
| Client Sample ID:  | VV1003WBSD01                       |           | SDG No.:        | Q3254        |    |
| Lab Sample ID:     | VV1003WBSD01                       |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                              |           | % 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: | Date Analyzed  | Prep Batch ID |
| VV039246.D        | 1         | 10/03/25 13:29 | VV100325      |

| CAS Number     | Parameter                 | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|---------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                           |       |           |      |            |       |
| 75-01-4        | Vinyl Chloride            | 17.0  |           | 0.26 | 1.00       | ug/L  |
| 75-00-3        | Chloroethane              | 17.8  |           | 0.47 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane    | 18.8  |           | 0.33 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene        | 18.7  |           | 0.23 | 1.00       | ug/L  |
| 107-13-1       | Acrylonitrile             | 94.7  |           | 0.83 | 5.00       | ug/L  |
| 67-64-1        | Acetone                   | 93.4  |           | 1.50 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide          | 15.9  |           | 0.21 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride        | 20.2  |           | 0.28 | 1.00       | ug/L  |
| 108-05-4       | Vinyl Acetate             | 92.0  |           | 0.66 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                | 93.5  |           | 0.98 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride      | 18.8  |           | 0.25 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene    | 19.6  |           | 0.19 | 1.00       | ug/L  |
| 74-97-5        | Bromochloromethane        | 19.6  |           | 0.22 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                | 18.2  |           | 0.25 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane     | 18.4  |           | 0.20 | 1.00       | ug/L  |
| 71-43-2        | Benzene                   | 19.3  |           | 0.15 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane       | 19.1  |           | 0.20 | 1.00       | ug/L  |
| 74-95-3        | Dibromomethane            | 20.1  |           | 0.25 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane      | 19.4  |           | 0.22 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone      | 110   |           | 0.68 | 5.00       | ug/L  |
| 108-88-3       | Toluene                   | 20.9  |           | 0.14 | 1.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene     | 21.3  |           | 0.17 | 1.00       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene   | 21.1  |           | 0.16 | 1.00       | ug/L  |
| 591-78-6       | 2-Hexanone                | 95.2  |           | 0.89 | 5.00       | ug/L  |
| 124-48-1       | Dibromochloromethane      | 20.6  |           | 0.18 | 1.00       | ug/L  |
| 106-93-4       | 1,2-Dibromoethane         | 21.4  |           | 0.15 | 1.00       | ug/L  |
| 127-18-4       | Tetrachloroethene         | 20.4  |           | 0.23 | 1.00       | ug/L  |
| 108-90-7       | Chlorobenzene             | 20.2  |           | 0.12 | 1.00       | ug/L  |
| 630-20-6       | 1,1,1,2-Tetrachloroethane | 20.7  |           | 0.19 | 1.00       | ug/L  |
| 100-41-4       | Ethyl Benzene             | 20.2  |           | 0.13 | 1.00       | ug/L  |

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| Project:           | Ansonia Landfill 2025              |           | Date Received:  |              |
| Client Sample ID:  | VV1003WBSD01                       |           | SDG No.:        | Q3254        |
| Lab Sample ID:     | VV1003WBSD01                       |           | Matrix:         | Water        |
| Analytical Method: | 8260D                              |           | % 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: | Date Analyzed  | Prep Batch ID |
| VV039246.D        | 1         | 10/03/25 13:29 | VV100325      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 1330-20-7                 | Total Xylenes               | 65.1   |           | 0.36     | 3.00       | ug/L    |
| 100-42-5                  | Styrene                     | 19.6   |           | 0.15     | 1.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 22.2   |           | 0.19     | 1.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 18.8   |           | 0.26     | 1.00       | ug/L    |
| 96-18-4                   | 1,2,3-Trichloropropane      | 18.8   |           | 0.35     | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 19.5   |           | 0.19     | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 20.2   |           | 0.16     | 1.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 20.6   |           | 0.53     | 1.00       | ug/L    |
| 74-88-4                   | Methyl Iodide               | 22.2   |           | 0.83     | 5.00       | ug/L    |
| 110-57-6                  | trans-1,4-Dichloro-2-butene | 19.5   |           | 0.84     | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 42.8   |           | 74 - 125 | 86%        | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 48.6   |           | 75 - 124 | 97%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 45.3   |           | 86 - 113 | 91%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 53.2   |           | 77 - 121 | 106%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene          | 531000 | 4.603     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 835000 | 5.535     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 808000 | 8.776     |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 481000 | 11.172    |          |            |         |

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