

## Report of Analysis

|                    |                                                    |                 |              |
|--------------------|----------------------------------------------------|-----------------|--------------|
| Client:            | New York City DEP of Environmental Protection/BWS  | Date Collected: | 12/03/24     |
| Project:           | Industrial Wastewater Discharge Permit - Fall 2024 | Date Received:  | 12/03/24     |
| Client Sample ID:  | 14B-3                                              | SDG No.:        | P5068        |
| Lab Sample ID:     | P5068-03                                           | Matrix:         | Water        |
| Analytical Method: | E624.1                                             | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                                  | Units:          | mL           |
| Soil Aliquot Vol:  |                                                    |                 | uL           |
| GC Column:         | RXI-624                                            | ID :            | 0.25         |
| Prep Method :      |                                                    | Level :         | LOW          |
|                    |                                                    | Final Vol:      | 5000         |
|                    |                                                    | Test:           | VOCMS Group1 |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN085133.D        | 5         |           | 12/06/24 17:39 | VN120624      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 6.10  | U         | 6.10 | 25.0       | ug/L  |
| 74-87-3        | Chloromethane                  | 5.90  | U         | 5.90 | 25.0       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 6.10  | U         | 6.10 | 25.0       | ug/L  |
| 74-83-9        | Bromomethane                   | 6.90  | U         | 6.90 | 25.0       | ug/L  |
| 75-00-3        | Chloroethane                   | 14.6  | U         | 14.6 | 25.0       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 5.10  | U         | 5.10 | 25.0       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 5.30  | U         | 5.30 | 25.0       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 5.30  | U         | 5.30 | 25.0       | ug/L  |
| 67-64-1        | Acetone                        | 24.6  | U         | 24.6 | 130        | ug/L  |
| 75-15-0        | Carbon Disulfide               | 4.70  | U         | 4.70 | 25.0       | ug/L  |
| 1634-04-4      | Methyl tert-Butyl Ether        | 4.20  | U         | 4.20 | 25.0       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 6.10  | U         | 6.10 | 25.0       | ug/L  |
| 75-09-2        | Methylene Chloride             | 6.10  | U         | 6.10 | 25.0       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 4.80  | U         | 4.80 | 25.0       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 4.10  | U         | 4.10 | 25.0       | ug/L  |
| 110-82-7       | Cyclohexane                    | 5.20  | U         | 5.20 | 25.0       | ug/L  |
| 78-93-3        | 2-Butanone                     | 17.8  | U         | 17.8 | 130        | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 4.60  | U         | 4.60 | 25.0       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 4.50  | U         | 4.50 | 25.0       | ug/L  |
| 67-66-3        | Chloroform                     | 3.60  | U         | 3.60 | 25.0       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 4.00  | U         | 4.00 | 25.0       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 4.50  | U         | 4.50 | 25.0       | ug/L  |
| 71-43-2        | Benzene                        | 3.50  | U         | 3.50 | 25.0       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 3.80  | U         | 3.80 | 25.0       | ug/L  |
| 79-01-6        | Trichloroethene                | 3.90  | U         | 3.90 | 25.0       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 3.30  | U         | 3.30 | 25.0       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 4.10  | U         | 4.10 | 25.0       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 20.8  | U         | 20.8 | 130        | ug/L  |
| 108-88-3       | Toluene                        | 3.60  | U         | 3.60 | 25.0       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 4.00  | U         | 4.00 | 25.0       | ug/L  |

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| Client Sample ID:  | 14B-3                                              | SDG No.:        | P5068        |
| Lab Sample ID:     | P5068-03                                           | Matrix:         | Water        |
| Analytical Method: | E624.1                                             | % Solid:        | 0            |
| Sample Wt/Vol:     | 5                                                  | Units:          | mL           |
| Soil Aliquot Vol:  |                                                    |                 | uL           |
| GC Column:         | RXI-624                                            | ID :            | 0.25         |
| Prep Method :      |                                                    | Level :         | LOW          |
|                    |                                                    | Final Vol:      | 5000         |
|                    |                                                    | Test:           | VOCMS Group1 |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN085133.D        | 5         |           | 12/06/24 17:39 | VN120624      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 10061-01-5                | cis-1,3-Dichloropropene     | 4.20   | U         | 4.20     | 25.0       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 3.40   | U         | 3.40     | 25.0       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 19.7   | U         | 19.7     | 130        | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 3.60   | U         | 3.60     | 25.0       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 3.90   | U         | 3.90     | 25.0       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 4.70   | U         | 4.70     | 25.0       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 3.40   | U         | 3.40     | 25.0       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 3.70   | U         | 3.70     | 25.0       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 8.60   | U         | 8.60     | 50.0       | ug/L    |
| 95-47-6                   | o-Xylene                    | 4.10   | U         | 4.10     | 25.0       | ug/L    |
| 100-42-5                  | Styrene                     | 4.00   | U         | 4.00     | 25.0       | ug/L    |
| 75-25-2                   | Bromoform                   | 5.00   | U         | 5.00     | 25.0       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 4.30   | U         | 4.30     | 25.0       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 3.00   | U         | 3.00     | 25.0       | ug/L    |
| 108-67-8                  | 1,3,5-Trimethylbenzene      | 3.70   | U         | 3.70     | 25.0       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 4.40   | U         | 4.40     | 25.0       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 4.80   | U         | 4.80     | 25.0       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 4.40   | U         | 4.40     | 25.0       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 4.60   | U         | 4.60     | 25.0       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 5.50   | U         | 5.50     | 25.0       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 7.10   | U         | 7.10     | 25.0       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 30.2   |           | 91 - 110 | 101%       | SPK: 30 |
| 2037-26-5                 | Toluene-d8                  | 29.0   |           | 91 - 112 | 97%        | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene        | 23.5   |           | 63 - 112 | 78%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane          | 27400  | 7.818     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 128000 | 9.1       |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 116000 | 11.865    |          |            |         |

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| Sample Wt/Vol:     | 5                      Units:    mL                | 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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| 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