

April 4, 2022

Jonathan Bone  
NYDEC\_TRC Engineers, Inc. - New York, NY  
1430 Broadway 10th Floor  
New York, NY 10018

Project Location: Crystal Cleaners- Corning, NY  
Client Job Number:  
Project Number: 386554.0000.0000  
Laboratory Work Order Number: 22C1249

Enclosed are results of analyses for samples as received by the laboratory on March 18, 2022. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mike Buttrick  
Project Manager

## Table of Contents

|                                     |    |
|-------------------------------------|----|
| Sample Summary                      | 3  |
| Case Narrative                      | 4  |
| Sample Results                      | 6  |
| 22C1249-01                          | 6  |
| 22C1249-02                          | 9  |
| 22C1249-03                          | 12 |
| 22C1249-04                          | 15 |
| 22C1249-05                          | 18 |
| 22C1249-06                          | 21 |
| 22C1249-07                          | 24 |
| Sample Preparation Information      | 27 |
| QC Data                             | 28 |
| Volatile Organic Compounds by GC/MS | 28 |
| B303675                             | 28 |
| B303675                             | 34 |
| Flag/Qualifier Summary              | 35 |
| Certifications                      | 36 |
| Chain of Custody/Sample Receipt     | 38 |

---

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332NYDEC\_TRC Engineers, Inc. - New York, NY  
1430 Broadway 10th Floor  
New York, NY 10018  
ATTN: Jonathan Bone

REPORT DATE: 4/4/2022

PURCHASE ORDER NUMBER: SMPB0001

PROJECT NUMBER: 386554.0000.0000

**ANALYTICAL SUMMARY**

---

WORK ORDER NUMBER: 22C1249

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: Crystal Cleaners- Coming, NY

| FIELD SAMPLE # | LAB ID:    | MATRIX       | SAMPLE DESCRIPTION | TEST         | SUB LAB |
|----------------|------------|--------------|--------------------|--------------|---------|
| CC-MW-6        | 22C1249-01 | Ground Water |                    | SW-846 8260D |         |
| CC-MW-4        | 22C1249-02 | Ground Water |                    | SW-846 8260D |         |
| CC-MW-1        | 22C1249-03 | Ground Water |                    | SW-846 8260D |         |
| CC-MW-2        | 22C1249-04 | Ground Water |                    | SW-846 8260D |         |
| Trip Blank     | 22C1249-05 | Ground Water |                    | SW-846 8260D |         |
| EB-1           | 22C1249-06 | Ground Water |                    | SW-846 8260D |         |
| DUP-1          | 22C1249-07 | Ground Water |                    | SW-846 8260D |         |

---

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

---

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

**SW-846 8260D****Qualifications:**

---

**L-02**

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

**Analyte & Samples(s) Qualified:****Methyl Acetate**

B303675-BS1, B303675-BSD1, B303675-MS1, B303675-MSD1

---

**MS-23**

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.

**Analyte & Samples(s) Qualified:****Bromomethane**

B303675-MS1

---

**R-06**

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

**Analyte & Samples(s) Qualified:****Bromomethane**

22C1249-01[CC-MW-6], B303675-MS1, B303675-MSD1

---

**V-05**

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

**Analyte & Samples(s) Qualified:****Bromomethane**

22C1249-01[CC-MW-6], 22C1249-02[CC-MW-4], 22C1249-03[CC-MW-1], 22C1249-04[CC-MW-2], 22C1249-05[ Trip Blank], 22C1249-06[EB-1], 22C1249-07[DUP-1], B303675-BLK1, B303675-BS1, B303675-BSD1, B303675-MS1, B303675-MSD1, S069443-CCV1

**Chloromethane**

22C1249-01[CC-MW-6], 22C1249-02[CC-MW-4], 22C1249-03[CC-MW-1], 22C1249-04[CC-MW-2], 22C1249-05[ Trip Blank], 22C1249-06[EB-1], 22C1249-07[DUP-1], B303675-BLK1, B303675-BS1, B303675-BSD1, B303675-MS1, B303675-MSD1, S069443-CCV1

---

**V-20**

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

**Analyte & Samples(s) Qualified:****Methyl Acetate**

B303675-BS1, B303675-BSD1, B303675-MS1, B303675-MSD1, S069443-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington  
Technical Representative

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: CC-MW-6

Sampled: 3/17/2022 10:45

Sample ID: 22C1249-01

Sample Matrix: Ground Water

## Volatile Organic Compounds by GC/MS

| Analyte                            | Results | RL   | Units | Dilution | Flag/Qual  | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|------------------------------------|---------|------|-------|----------|------------|--------------|---------------|--------------------|---------|
| Acetone                            | ND      | 50   | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Benzene                            | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Bromochloromethane                 | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Bromodichloromethane               | ND      | 0.50 | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Bromoform                          | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Bromomethane                       | ND      | 2.0  | µg/L  | 1        | R-06, V-05 | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 2-Butanone (MEK)                   | ND      | 20   | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Carbon Disulfide                   | ND      | 5.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Carbon Tetrachloride               | ND      | 5.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Chlorobenzene                      | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Chlorodibromomethane               | ND      | 0.50 | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Chloroethane                       | ND      | 2.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Chloroform                         | ND      | 2.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Chloromethane                      | ND      | 2.0  | µg/L  | 1        | V-05       | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Cyclohexane                        | ND      | 5.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND      | 5.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,2-Dibromoethane (EDB)            | ND      | 0.50 | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,2-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,3-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,4-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Dichlorodifluoromethane (Freon 12) | ND      | 2.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,1-Dichloroethane                 | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,2-Dichloroethane                 | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,1-Dichloroethylene               | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| cis-1,2-Dichloroethylene           | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| trans-1,2-Dichloroethylene         | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,2-Dichloropropane                | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| cis-1,3-Dichloropropene            | ND      | 0.50 | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| trans-1,3-Dichloropropene          | ND      | 0.50 | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,4-Dioxane                        | ND      | 50   | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Ethylbenzene                       | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 2-Hexanone (MBK)                   | ND      | 10   | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Isopropylbenzene (Cumene)          | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Methyl Acetate                     | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Methyl tert-Butyl Ether (MTBE)     | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Methyl Cyclohexane                 | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Methylene Chloride                 | ND      | 5.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 4-Methyl-2-pentanone (MIBK)        | ND      | 10   | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Styrene                            | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,1,2,2-Tetrachloroethane          | ND      | 0.50 | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Tetrachloroethylene                | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Toluene                            | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,2,3-Trichlorobenzene             | ND      | 5.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,2,4-Trichlorobenzene             | ND      | 1.0  | µg/L  | 1        |            | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: CC-MW-6

Sampled: 3/17/2022 10:45

Sample ID: 22C1249-01

Sample Matrix: Ground Water

## Volatile Organic Compounds by GC/MS

| Analyte                                           | Results | RL  | Units | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|---------------------------------------------------|---------|-----|-------|----------|-----------|--------------|---------------|--------------------|---------|
| 1,1,1-Trichloroethane                             | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,1,2-Trichloroethane                             | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Trichloroethylene                                 | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Trichlorofluoromethane (Freon 11)                 | ND      | 2.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Vinyl Chloride                                    | ND      | 2.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |
| Xylenes (total)                                   | 0.0     |     | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:07      | EEH     |

| Surrogates            | % Recovery | Recovery Limits | Flag/Qual |
|-----------------------|------------|-----------------|-----------|
| 1,2-Dichloroethane-d4 | 106        | 70-130          |           |
| Toluene-d8            | 99.0       | 70-130          |           |
| 4-Bromofluorobenzene  | 97.4       | 70-130          |           |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: CC-MW-6

Sampled: 3/17/2022 10:45

Sample ID: 22C1249-01

Sample Matrix: Ground Water

## Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

| Analyte       | Results | Units | Response | RT | DF | CAS # | Q# | Method       | Date<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------------|---------|-------|----------|----|----|-------|----|--------------|------------------|-----------------------|---------|
| No TICs Found | 0.0     | µg/L  |          |    | 1  |       |    | SW-846 8260D | 3/21/22          | 3/21/22 14:07         | EEH     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: CC-MW-4

Sampled: 3/17/2022 12:00

Sample ID: 22C1249-02

Sample Matrix: Ground Water

## Volatile Organic Compounds by GC/MS

| Analyte                            | Results | RL   | Units | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|------------------------------------|---------|------|-------|----------|-----------|--------------|---------------|--------------------|---------|
| Acetone                            | ND      | 50   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Benzene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Bromochloromethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Bromodichloromethane               | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Bromoform                          | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Bromomethane                       | ND      | 2.0  | µg/L  | 1        | V-05      | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 2-Butanone (MEK)                   | ND      | 20   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Carbon Disulfide                   | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Carbon Tetrachloride               | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Chlorobenzene                      | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Chlorodibromomethane               | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Chloroethane                       | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Chloroform                         | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Chloromethane                      | ND      | 2.0  | µg/L  | 1        | V-05      | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Cyclohexane                        | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,2-Dibromoethane (EDB)            | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,2-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,3-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,4-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Dichlorodifluoromethane (Freon 12) | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,1-Dichloroethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,2-Dichloroethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,1-Dichloroethylene               | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| cis-1,2-Dichloroethylene           | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| trans-1,2-Dichloroethylene         | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,2-Dichloropropane                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| cis-1,3-Dichloropropene            | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| trans-1,3-Dichloropropene          | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,4-Dioxane                        | ND      | 50   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Ethylbenzene                       | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 2-Hexanone (MBK)                   | ND      | 10   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Isopropylbenzene (Cumene)          | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Methyl Acetate                     | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Methyl tert-Butyl Ether (MTBE)     | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Methyl Cyclohexane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Methylene Chloride                 | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 4-Methyl-2-pentanone (MIBK)        | ND      | 10   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Styrene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,1,2,2-Tetrachloroethane          | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Tetrachloroethylene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Toluene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,2,3-Trichlorobenzene             | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,2,4-Trichlorobenzene             | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: CC-MW-4

Sampled: 3/17/2022 12:00

Sample ID: 22C1249-02

Sample Matrix: Ground Water

## Volatile Organic Compounds by GC/MS

| Analyte                                           | Results | RL  | Units | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|---------------------------------------------------|---------|-----|-------|----------|-----------|--------------|---------------|--------------------|---------|
| 1,1,1-Trichloroethane                             | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,1,2-Trichloroethane                             | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Trichloroethylene                                 | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Trichlorofluoromethane (Freon 11)                 | ND      | 2.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Vinyl Chloride                                    | ND      | 2.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |
| Xylenes (total)                                   | 0.0     |     | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 14:35      | EEH     |

| Surrogates            | % Recovery | Recovery Limits | Flag/Qual |
|-----------------------|------------|-----------------|-----------|
| 1,2-Dichloroethane-d4 | 106        | 70-130          |           |
| Toluene-d8            | 98.0       | 70-130          |           |
| 4-Bromofluorobenzene  | 97.2       | 70-130          |           |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

**Field Sample #: CC-MW-4**

Sampled: 3/17/2022 12:00

**Sample ID: 22C1249-02**

Sample Matrix: Ground Water

**Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)**

| Analyte       | Results | Units | Response | RT | DF | CAS # | Q# | Method       | Date<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------------|---------|-------|----------|----|----|-------|----|--------------|------------------|-----------------------|---------|
| No TICs Found | 0.0     | µg/L  |          |    | 1  |       |    | SW-846 8260D | 3/21/22          | 3/21/22 14:35         | EEH     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: CC-MW-1

Sampled: 3/17/2022 12:40

Sample ID: 22C1249-03

Sample Matrix: Ground Water

## Volatile Organic Compounds by GC/MS

| Analyte                            | Results | RL   | Units | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|------------------------------------|---------|------|-------|----------|-----------|--------------|---------------|--------------------|---------|
| Acetone                            | ND      | 50   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Benzene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Bromochloromethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Bromodichloromethane               | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Bromoform                          | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Bromomethane                       | ND      | 2.0  | µg/L  | 1        | V-05      | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 2-Butanone (MEK)                   | ND      | 20   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Carbon Disulfide                   | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Carbon Tetrachloride               | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Chlorobenzene                      | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Chlorodibromomethane               | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Chloroethane                       | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Chloroform                         | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Chloromethane                      | ND      | 2.0  | µg/L  | 1        | V-05      | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Cyclohexane                        | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,2-Dibromoethane (EDB)            | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,2-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,3-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,4-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Dichlorodifluoromethane (Freon 12) | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,1-Dichloroethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,2-Dichloroethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,1-Dichloroethylene               | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| cis-1,2-Dichloroethylene           | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| trans-1,2-Dichloroethylene         | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,2-Dichloropropane                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| cis-1,3-Dichloropropene            | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| trans-1,3-Dichloropropene          | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,4-Dioxane                        | ND      | 50   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Ethylbenzene                       | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 2-Hexanone (MBK)                   | ND      | 10   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Isopropylbenzene (Cumene)          | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Methyl Acetate                     | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Methyl tert-Butyl Ether (MTBE)     | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Methyl Cyclohexane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Methylene Chloride                 | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 4-Methyl-2-pentanone (MIBK)        | ND      | 10   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Styrene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,1,2,2-Tetrachloroethane          | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Tetrachloroethylene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Toluene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,2,3-Trichlorobenzene             | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,2,4-Trichlorobenzene             | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: CC-MW-1

Sampled: 3/17/2022 12:40

Sample ID: 22C1249-03

Sample Matrix: Ground Water

## Volatile Organic Compounds by GC/MS

| Analyte                                           | Results | RL  | Units | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|---------------------------------------------------|---------|-----|-------|----------|-----------|--------------|---------------|--------------------|---------|
| 1,1,1-Trichloroethane                             | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,1,2-Trichloroethane                             | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Trichloroethylene                                 | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Trichlorofluoromethane (Freon 11)                 | ND      | 2.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Vinyl Chloride                                    | ND      | 2.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |
| Xylenes (total)                                   | 0.0     |     | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:02      | EEH     |

| Surrogates            | % Recovery | Recovery Limits | Flag/Qual |
|-----------------------|------------|-----------------|-----------|
| 1,2-Dichloroethane-d4 | 106        | 70-130          |           |
| Toluene-d8            | 97.7       | 70-130          |           |
| 4-Bromofluorobenzene  | 96.7       | 70-130          |           |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: CC-MW-1

Sampled: 3/17/2022 12:40

Sample ID: 22C1249-03

Sample Matrix: Ground Water

## Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

| Analyte       | Results | Units | Response | RT | DF | CAS # | Q# | Method       | Date<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------------|---------|-------|----------|----|----|-------|----|--------------|------------------|-----------------------|---------|
| No TICs Found | 0.0     | µg/L  |          |    | 1  |       |    | SW-846 8260D | 3/21/22          | 3/21/22 15:02         | EEH     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: CC-MW-2

Sampled: 3/17/2022 14:45

Sample ID: 22C1249-04

Sample Matrix: Ground Water

## Volatile Organic Compounds by GC/MS

| Analyte                            | Results | RL   | Units | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|------------------------------------|---------|------|-------|----------|-----------|--------------|---------------|--------------------|---------|
| Acetone                            | ND      | 50   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Benzene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Bromochloromethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Bromodichloromethane               | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Bromoform                          | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Bromomethane                       | ND      | 2.0  | µg/L  | 1        | V-05      | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 2-Butanone (MEK)                   | ND      | 20   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Carbon Disulfide                   | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Carbon Tetrachloride               | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Chlorobenzene                      | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Chlorodibromomethane               | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Chloroethane                       | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Chloroform                         | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Chloromethane                      | ND      | 2.0  | µg/L  | 1        | V-05      | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Cyclohexane                        | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,2-Dibromoethane (EDB)            | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,2-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,3-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,4-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Dichlorodifluoromethane (Freon 12) | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,1-Dichloroethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,2-Dichloroethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,1-Dichloroethylene               | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| cis-1,2-Dichloroethylene           | 10      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| trans-1,2-Dichloroethylene         | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,2-Dichloropropane                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| cis-1,3-Dichloropropene            | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| trans-1,3-Dichloropropene          | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,4-Dioxane                        | ND      | 50   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Ethylbenzene                       | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 2-Hexanone (MBK)                   | ND      | 10   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Isopropylbenzene (Cumene)          | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Methyl Acetate                     | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Methyl tert-Butyl Ether (MTBE)     | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Methyl Cyclohexane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Methylene Chloride                 | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 4-Methyl-2-pentanone (MIBK)        | ND      | 10   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Styrene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,1,2,2-Tetrachloroethane          | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Tetrachloroethylene                | 110     | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Toluene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,2,3-Trichlorobenzene             | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,2,4-Trichlorobenzene             | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: CC-MW-2

Sampled: 3/17/2022 14:45

Sample ID: 22C1249-04

Sample Matrix: Ground Water

## Volatile Organic Compounds by GC/MS

| Analyte                                           | Results | RL  | Units | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|---------------------------------------------------|---------|-----|-------|----------|-----------|--------------|---------------|--------------------|---------|
| 1,1,1-Trichloroethane                             | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,1,2-Trichloroethane                             | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Trichloroethylene                                 | 11      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Trichlorofluoromethane (Freon 11)                 | ND      | 2.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Vinyl Chloride                                    | 6.6     | 2.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |
| Xylenes (total)                                   | 0.0     |     | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:30      | EEH     |

| Surrogates            | % Recovery | Recovery Limits | Flag/Qual |
|-----------------------|------------|-----------------|-----------|
| 1,2-Dichloroethane-d4 | 105        | 70-130          |           |
| Toluene-d8            | 97.2       | 70-130          |           |
| 4-Bromofluorobenzene  | 96.1       | 70-130          |           |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

**Field Sample #: CC-MW-2**

Sampled: 3/17/2022 14:45

**Sample ID: 22C1249-04**

Sample Matrix: Ground Water

**Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)**

| Analyte       | Results | Units | Response | RT | DF | CAS # | Q# | Method       | Date<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------------|---------|-------|----------|----|----|-------|----|--------------|------------------|-----------------------|---------|
| No TICs Found | 0.0     | µg/L  |          |    | 1  |       |    | SW-846 8260D | 3/21/22          | 3/21/22 15:30         | EEH     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: Trip Blank

Sampled: 3/17/2022 09:30

Sample ID: 22C1249-05

Sample Matrix: Ground Water

## Volatile Organic Compounds by GC/MS

| Analyte                            | Results | RL   | Units | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|------------------------------------|---------|------|-------|----------|-----------|--------------|---------------|--------------------|---------|
| Acetone                            | ND      | 50   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Benzene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Bromochloromethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Bromodichloromethane               | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Bromoform                          | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Bromomethane                       | ND      | 2.0  | µg/L  | 1        | V-05      | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 2-Butanone (MEK)                   | ND      | 20   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Carbon Disulfide                   | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Carbon Tetrachloride               | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Chlorobenzene                      | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Chlorodibromomethane               | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Chloroethane                       | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Chloroform                         | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Chloromethane                      | ND      | 2.0  | µg/L  | 1        | V-05      | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Cyclohexane                        | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,2-Dibromoethane (EDB)            | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,2-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,3-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,4-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Dichlorodifluoromethane (Freon 12) | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,1-Dichloroethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,2-Dichloroethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,1-Dichloroethylene               | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| cis-1,2-Dichloroethylene           | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| trans-1,2-Dichloroethylene         | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,2-Dichloropropane                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| cis-1,3-Dichloropropene            | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| trans-1,3-Dichloropropene          | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,4-Dioxane                        | ND      | 50   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Ethylbenzene                       | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 2-Hexanone (MBK)                   | ND      | 10   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Isopropylbenzene (Cumene)          | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Methyl Acetate                     | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Methyl tert-Butyl Ether (MTBE)     | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Methyl Cyclohexane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Methylene Chloride                 | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 4-Methyl-2-pentanone (MIBK)        | ND      | 10   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Styrene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,1,2,2-Tetrachloroethane          | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Tetrachloroethylene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Toluene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,2,3-Trichlorobenzene             | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,2,4-Trichlorobenzene             | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: Trip Blank

Sampled: 3/17/2022 09:30

Sample ID: 22C1249-05

Sample Matrix: Ground Water

## Volatile Organic Compounds by GC/MS

| Analyte                                           | Results | RL  | Units | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|---------------------------------------------------|---------|-----|-------|----------|-----------|--------------|---------------|--------------------|---------|
| 1,1,1-Trichloroethane                             | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,1,2-Trichloroethane                             | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Trichloroethylene                                 | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Trichlorofluoromethane (Freon 11)                 | ND      | 2.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Vinyl Chloride                                    | ND      | 2.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |
| Xylenes (total)                                   | 0.0     |     | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:17      | EEH     |

| Surrogates            | % Recovery | Recovery Limits | Flag/Qual |
|-----------------------|------------|-----------------|-----------|
| 1,2-Dichloroethane-d4 | 107        | 70-130          |           |
| Toluene-d8            | 98.8       | 70-130          |           |
| 4-Bromofluorobenzene  | 96.2       | 70-130          |           |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

**Field Sample #: Trip Blank**

Sampled: 3/17/2022 09:30

**Sample ID: 22C1249-05**

Sample Matrix: Ground Water

**Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)**

| Analyte       | Results | Units | Response | RT | DF | CAS # | Q# | Method       | Date<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------------|---------|-------|----------|----|----|-------|----|--------------|------------------|-----------------------|---------|
| No TICs Found | 0.0     | µg/L  |          |    | 1  |       |    | SW-846 8260D | 3/21/22          | 3/21/22 12:17         | EEH     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: EB-1

Sampled: 3/17/2022 15:00

Sample ID: 22C1249-06

Sample Matrix: Ground Water

## Volatile Organic Compounds by GC/MS

| Analyte                            | Results | RL   | Units | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|------------------------------------|---------|------|-------|----------|-----------|--------------|---------------|--------------------|---------|
| Acetone                            | ND      | 50   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Benzene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Bromochloromethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Bromodichloromethane               | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Bromoform                          | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Bromomethane                       | ND      | 2.0  | µg/L  | 1        | V-05      | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 2-Butanone (MEK)                   | ND      | 20   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Carbon Disulfide                   | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Carbon Tetrachloride               | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Chlorobenzene                      | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Chlorodibromomethane               | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Chloroethane                       | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Chloroform                         | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Chloromethane                      | ND      | 2.0  | µg/L  | 1        | V-05      | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Cyclohexane                        | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,2-Dibromoethane (EDB)            | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,2-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,3-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,4-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Dichlorodifluoromethane (Freon 12) | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,1-Dichloroethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,2-Dichloroethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,1-Dichloroethylene               | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| cis-1,2-Dichloroethylene           | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| trans-1,2-Dichloroethylene         | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,2-Dichloropropane                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| cis-1,3-Dichloropropene            | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| trans-1,3-Dichloropropene          | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,4-Dioxane                        | ND      | 50   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Ethylbenzene                       | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 2-Hexanone (MBK)                   | ND      | 10   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Isopropylbenzene (Cumene)          | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Methyl Acetate                     | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Methyl tert-Butyl Ether (MTBE)     | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Methyl Cyclohexane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Methylene Chloride                 | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 4-Methyl-2-pentanone (MIBK)        | ND      | 10   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Styrene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,1,2,2-Tetrachloroethane          | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Tetrachloroethylene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Toluene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,2,3-Trichlorobenzene             | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,2,4-Trichlorobenzene             | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: EB-1

Sampled: 3/17/2022 15:00

Sample ID: 22C1249-06

Sample Matrix: Ground Water

## Volatile Organic Compounds by GC/MS

| Analyte                                           | Results | RL  | Units | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|---------------------------------------------------|---------|-----|-------|----------|-----------|--------------|---------------|--------------------|---------|
| 1,1,1-Trichloroethane                             | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,1,2-Trichloroethane                             | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Trichloroethylene                                 | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Trichlorofluoromethane (Freon 11)                 | ND      | 2.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Vinyl Chloride                                    | ND      | 2.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |
| Xylenes (total)                                   | 0.0     |     | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 12:44      | EEH     |

| Surrogates            | % Recovery | Recovery Limits | Flag/Qual |
|-----------------------|------------|-----------------|-----------|
| 1,2-Dichloroethane-d4 | 107        | 70-130          |           |
| Toluene-d8            | 98.2       | 70-130          |           |
| 4-Bromofluorobenzene  | 96.8       | 70-130          |           |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: EB-1

Sampled: 3/17/2022 15:00

Sample ID: 22C1249-06

Sample Matrix: Ground Water

**Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)**

| Analyte       | Results | Units | Response | RT | DF | CAS # | Q# | Method       | Date<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------------|---------|-------|----------|----|----|-------|----|--------------|------------------|-----------------------|---------|
| No TICs Found | 0.0     | µg/L  |          |    | 1  |       |    | SW-846 8260D | 3/21/22          | 3/21/22 12:44         | EEH     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: DUP-1

Sampled: 3/17/2022 08:00

Sample ID: 22C1249-07

Sample Matrix: Ground Water

## Volatile Organic Compounds by GC/MS

| Analyte                            | Results | RL   | Units | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|------------------------------------|---------|------|-------|----------|-----------|--------------|---------------|--------------------|---------|
| Acetone                            | ND      | 50   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Benzene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Bromochloromethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Bromodichloromethane               | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Bromoform                          | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Bromomethane                       | ND      | 2.0  | µg/L  | 1        | V-05      | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 2-Butanone (MEK)                   | ND      | 20   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Carbon Disulfide                   | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Carbon Tetrachloride               | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Chlorobenzene                      | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Chlorodibromomethane               | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Chloroethane                       | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Chloroform                         | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Chloromethane                      | ND      | 2.0  | µg/L  | 1        | V-05      | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Cyclohexane                        | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,2-Dibromoethane (EDB)            | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,2-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,3-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,4-Dichlorobenzene                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Dichlorodifluoromethane (Freon 12) | ND      | 2.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,1-Dichloroethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,2-Dichloroethane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,1-Dichloroethylene               | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| cis-1,2-Dichloroethylene           | 10      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| trans-1,2-Dichloroethylene         | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,2-Dichloropropane                | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| cis-1,3-Dichloropropene            | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| trans-1,3-Dichloropropene          | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,4-Dioxane                        | ND      | 50   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Ethylbenzene                       | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 2-Hexanone (MBK)                   | ND      | 10   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Isopropylbenzene (Cumene)          | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Methyl Acetate                     | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Methyl tert-Butyl Ether (MTBE)     | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Methyl Cyclohexane                 | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Methylene Chloride                 | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 4-Methyl-2-pentanone (MIBK)        | ND      | 10   | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Styrene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,1,2,2-Tetrachloroethane          | ND      | 0.50 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Tetrachloroethylene                | 100     | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Toluene                            | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,2,3-Trichlorobenzene             | ND      | 5.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,2,4-Trichlorobenzene             | ND      | 1.0  | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: DUP-1

Sampled: 3/17/2022 08:00

Sample ID: 22C1249-07

Sample Matrix: Ground Water

## Volatile Organic Compounds by GC/MS

| Analyte                                           | Results | RL  | Units | Dilution | Flag/Qual | Method       | Date Prepared | Date/Time Analyzed | Analyst |
|---------------------------------------------------|---------|-----|-------|----------|-----------|--------------|---------------|--------------------|---------|
| 1,1,1-Trichloroethane                             | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,1,2-Trichloroethane                             | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Trichloroethylene                                 | 11      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Trichlorofluoromethane (Freon 11)                 | ND      | 2.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND      | 1.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Vinyl Chloride                                    | 7.0     | 2.0 | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |
| Xylenes (total)                                   | 0.0     |     | µg/L  | 1        |           | SW-846 8260D | 3/21/22       | 3/21/22 15:57      | EEH     |

| Surrogates            | % Recovery | Recovery Limits | Flag/Qual |
|-----------------------|------------|-----------------|-----------|
| 1,2-Dichloroethane-d4 | 104        | 70-130          |           |
| Toluene-d8            | 98.6       | 70-130          |           |
| 4-Bromofluorobenzene  | 97.6       | 70-130          |           |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Crystal Cleaners- Corning, NY

Sample Description:

Work Order: 22C1249

Date Received: 3/18/2022

Field Sample #: DUP-1

Sampled: 3/17/2022 08:00

Sample ID: 22C1249-07

Sample Matrix: Ground Water

**Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)**

| Analyte       | Results | Units | Response | RT | DF | CAS # | Q# | Method       | Date<br>Prepared | Date/Time<br>Analyzed | Analyst |
|---------------|---------|-------|----------|----|----|-------|----|--------------|------------------|-----------------------|---------|
| No TICs Found | 0.0     | µg/L  |          |    | 1  |       |    | SW-846 8260D | 3/21/22          | 3/21/22 15:57         | EEH     |

---

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332**Sample Extraction Data****Prep Method: SW-846 5030B      Analytical Method: SW-846 8260D**

| Lab Number [Field ID]   | Batch   | Initial [mL] | Final [mL] | Date     |
|-------------------------|---------|--------------|------------|----------|
| 22C1249-01 [CC-MW-6]    | B303675 | 5            | 5.00       | 03/21/22 |
| 22C1249-02 [CC-MW-4]    | B303675 | 5            | 5.00       | 03/21/22 |
| 22C1249-03 [CC-MW-1]    | B303675 | 5            | 5.00       | 03/21/22 |
| 22C1249-04 [CC-MW-2]    | B303675 | 5            | 5.00       | 03/21/22 |
| 22C1249-05 [Trip Blank] | B303675 | 5            | 5.00       | 03/21/22 |
| 22C1249-06 [EB-1]       | B303675 | 5            | 5.00       | 03/21/22 |
| 22C1249-07 [DUP-1]      | B303675 | 5            | 5.00       | 03/21/22 |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**
**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte                                           | Result | Reporting<br>Limit | Units | Spike<br>Level                | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------------------------------------------------|--------|--------------------|-------|-------------------------------|------------------|------|----------------|-----|--------------|-------|
| <b>Batch B303675 - SW-846 5030B</b>               |        |                    |       |                               |                  |      |                |     |              |       |
| <b>Blank (B303675-BLK1)</b>                       |        |                    |       | Prepared & Analyzed: 03/21/22 |                  |      |                |     |              |       |
| Acetone                                           | ND     | 50                 | µg/L  |                               |                  |      |                |     |              |       |
| Benzene                                           | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| Bromochloromethane                                | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| Bromodichloromethane                              | ND     | 0.50               | µg/L  |                               |                  |      |                |     |              |       |
| Bromoform                                         | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| Bromomethane                                      | ND     | 2.0                | µg/L  |                               |                  |      |                |     |              | V-05  |
| 2-Butanone (MEK)                                  | ND     | 20                 | µg/L  |                               |                  |      |                |     |              |       |
| Carbon Disulfide                                  | ND     | 5.0                | µg/L  |                               |                  |      |                |     |              |       |
| Carbon Tetrachloride                              | ND     | 5.0                | µg/L  |                               |                  |      |                |     |              |       |
| Chlorobenzene                                     | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| Chlorodibromomethane                              | ND     | 0.50               | µg/L  |                               |                  |      |                |     |              |       |
| Chloroethane                                      | ND     | 2.0                | µg/L  |                               |                  |      |                |     |              |       |
| Chloroform                                        | ND     | 2.0                | µg/L  |                               |                  |      |                |     |              |       |
| Chloromethane                                     | ND     | 2.0                | µg/L  |                               |                  |      |                |     |              | V-05  |
| Cyclohexane                                       | ND     | 5.0                | µg/L  |                               |                  |      |                |     |              |       |
| 1,2-Dibromo-3-chloropropane (DBCP)                | ND     | 5.0                | µg/L  |                               |                  |      |                |     |              |       |
| 1,2-Dibromoethane (EDB)                           | ND     | 0.50               | µg/L  |                               |                  |      |                |     |              |       |
| 1,2-Dichlorobenzene                               | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| 1,3-Dichlorobenzene                               | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| 1,4-Dichlorobenzene                               | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| Dichlorodifluoromethane (Freon 12)                | ND     | 2.0                | µg/L  |                               |                  |      |                |     |              |       |
| 1,1-Dichloroethane                                | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| 1,2-Dichloroethane                                | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| 1,1-Dichloroethylene                              | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| cis-1,2-Dichloroethylene                          | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| trans-1,2-Dichloroethylene                        | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| 1,2-Dichloropropane                               | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| cis-1,3-Dichloropropene                           | ND     | 0.50               | µg/L  |                               |                  |      |                |     |              |       |
| trans-1,3-Dichloropropene                         | ND     | 0.50               | µg/L  |                               |                  |      |                |     |              |       |
| 1,4-Dioxane                                       | ND     | 50                 | µg/L  |                               |                  |      |                |     |              |       |
| Ethylbenzene                                      | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| 2-Hexanone (MBK)                                  | ND     | 10                 | µg/L  |                               |                  |      |                |     |              |       |
| Isopropylbenzene (Cumene)                         | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| Methyl Acetate                                    | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| Methyl tert-Butyl Ether (MTBE)                    | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| Methyl Cyclohexane                                | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| Methylene Chloride                                | ND     | 5.0                | µg/L  |                               |                  |      |                |     |              |       |
| 4-Methyl-2-pentanone (MIBK)                       | ND     | 10                 | µg/L  |                               |                  |      |                |     |              |       |
| Styrene                                           | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| 1,1,2,2-Tetrachloroethane                         | ND     | 0.50               | µg/L  |                               |                  |      |                |     |              |       |
| Tetrachloroethylene                               | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| Toluene                                           | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| 1,2,3-Trichlorobenzene                            | ND     | 5.0                | µg/L  |                               |                  |      |                |     |              |       |
| 1,2,4-Trichlorobenzene                            | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| 1,1,1-Trichloroethane                             | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| 1,1,2-Trichloroethane                             | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| Trichloroethylene                                 | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| Trichlorofluoromethane (Freon 11)                 | ND     | 2.0                | µg/L  |                               |                  |      |                |     |              |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     | 1.0                | µg/L  |                               |                  |      |                |     |              |       |
| Vinyl Chloride                                    | ND     | 2.0                | µg/L  |                               |                  |      |                |     |              |       |
| Xylenes (total)                                   | 0.0    |                    | µg/L  |                               |                  |      |                |     |              |       |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**
**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte                             | Result | Reporting Limit | Units | Spike Level                   | Source Result | %REC       | %REC Limits | RPD | RPD Limit  | Notes |
|-------------------------------------|--------|-----------------|-------|-------------------------------|---------------|------------|-------------|-----|------------|-------|
| <b>Batch B303675 - SW-846 5030B</b> |        |                 |       |                               |               |            |             |     |            |       |
| <b>Blank (B303675-BLK1)</b>         |        |                 |       | Prepared & Analyzed: 03/21/22 |               |            |             |     |            |       |
| Surrogate: 1,2-Dichloroethane-d4    | 27.0   |                 | µg/L  | 25.0                          |               | 108        | 70-130      |     |            |       |
| Surrogate: Toluene-d8               | 24.5   |                 | µg/L  | 25.0                          |               | 98.0       | 70-130      |     |            |       |
| Surrogate: 4-Bromofluorobenzene     | 24.0   |                 | µg/L  | 25.0                          |               | 96.0       | 70-130      |     |            |       |
| <b>LCS (B303675-BS1)</b>            |        |                 |       | Prepared & Analyzed: 03/21/22 |               |            |             |     |            |       |
| Acetone                             | 124    | 50              | µg/L  | 100                           |               | 124        | 70-160      |     |            | †     |
| Benzene                             | 9.01   | 1.0             | µg/L  | 10.0                          |               | 90.1       | 70-130      |     |            |       |
| Bromochloromethane                  | 10.2   | 1.0             | µg/L  | 10.0                          |               | 102        | 70-130      |     |            |       |
| Bromodichloromethane                | 9.57   | 0.50            | µg/L  | 10.0                          |               | 95.7       | 70-130      |     |            |       |
| Bromoform                           | 12.2   | 1.0             | µg/L  | 10.0                          |               | 122        | 70-130      |     |            |       |
| Bromomethane                        | 8.42   | 2.0             | µg/L  | 10.0                          |               | 84.2       | 40-160      |     | V-05       | †     |
| 2-Butanone (MEK)                    | 127    | 20              | µg/L  | 100                           |               | 127        | 40-160      |     |            | †     |
| Carbon Disulfide                    | 91.9   | 5.0             | µg/L  | 100                           |               | 91.9       | 70-130      |     |            |       |
| Carbon Tetrachloride                | 9.67   | 5.0             | µg/L  | 10.0                          |               | 96.7       | 70-130      |     |            |       |
| Chlorobenzene                       | 9.91   | 1.0             | µg/L  | 10.0                          |               | 99.1       | 70-130      |     |            |       |
| Chlorodibromomethane                | 9.89   | 0.50            | µg/L  | 10.0                          |               | 98.9       | 70-130      |     |            |       |
| Chloroethane                        | 9.49   | 2.0             | µg/L  | 10.0                          |               | 94.9       | 70-130      |     |            |       |
| Chloroform                          | 9.60   | 2.0             | µg/L  | 10.0                          |               | 96.0       | 70-130      |     |            |       |
| Chloromethane                       | 6.93   | 2.0             | µg/L  | 10.0                          |               | 69.3       | 40-160      |     | V-05       | †     |
| Cyclohexane                         | 8.98   | 5.0             | µg/L  | 10.0                          |               | 89.8       | 70-130      |     |            |       |
| 1,2-Dibromo-3-chloropropane (DBCP)  | 11.7   | 5.0             | µg/L  | 10.0                          |               | 117        | 70-130      |     |            |       |
| 1,2-Dibromoethane (EDB)             | 10.3   | 0.50            | µg/L  | 10.0                          |               | 103        | 70-130      |     |            |       |
| 1,2-Dichlorobenzene                 | 10.1   | 1.0             | µg/L  | 10.0                          |               | 101        | 70-130      |     |            |       |
| 1,3-Dichlorobenzene                 | 10.2   | 1.0             | µg/L  | 10.0                          |               | 102        | 70-130      |     |            |       |
| 1,4-Dichlorobenzene                 | 9.86   | 1.0             | µg/L  | 10.0                          |               | 98.6       | 70-130      |     |            |       |
| Dichlorodifluoromethane (Freon 12)  | 8.56   | 2.0             | µg/L  | 10.0                          |               | 85.6       | 40-160      |     |            | †     |
| 1,1-Dichloroethane                  | 9.66   | 1.0             | µg/L  | 10.0                          |               | 96.6       | 70-130      |     |            |       |
| 1,2-Dichloroethane                  | 8.95   | 1.0             | µg/L  | 10.0                          |               | 89.5       | 70-130      |     |            |       |
| 1,1-Dichloroethylene                | 9.67   | 1.0             | µg/L  | 10.0                          |               | 96.7       | 70-130      |     |            |       |
| cis-1,2-Dichloroethylene            | 9.45   | 1.0             | µg/L  | 10.0                          |               | 94.5       | 70-130      |     |            |       |
| trans-1,2-Dichloroethylene          | 8.91   | 1.0             | µg/L  | 10.0                          |               | 89.1       | 70-130      |     |            |       |
| 1,2-Dichloropropane                 | 9.39   | 1.0             | µg/L  | 10.0                          |               | 93.9       | 70-130      |     |            |       |
| cis-1,3-Dichloropropene             | 9.02   | 0.50            | µg/L  | 10.0                          |               | 90.2       | 70-130      |     |            |       |
| trans-1,3-Dichloropropene           | 9.07   | 0.50            | µg/L  | 10.0                          |               | 90.7       | 70-130      |     |            |       |
| 1,4-Dioxane                         | 112    | 50              | µg/L  | 100                           |               | 112        | 40-130      |     |            | †     |
| Ethylbenzene                        | 10.1   | 1.0             | µg/L  | 10.0                          |               | 101        | 70-130      |     |            |       |
| 2-Hexanone (MBK)                    | 125    | 10              | µg/L  | 100                           |               | 125        | 70-160      |     |            | †     |
| Isopropylbenzene (Cumene)           | 9.95   | 1.0             | µg/L  | 10.0                          |               | 99.5       | 70-130      |     |            |       |
| <b>Methyl Acetate</b>               | 14.2   | 1.0             | µg/L  | 10.0                          |               | <b>142</b> | * 70-130    |     | L-02, V-20 |       |
| Methyl tert-Butyl Ether (MTBE)      | 9.92   | 1.0             | µg/L  | 10.0                          |               | 99.2       | 70-130      |     |            |       |
| Methyl Cyclohexane                  | 8.91   | 1.0             | µg/L  | 10.0                          |               | 89.1       | 70-130      |     |            |       |
| Methylene Chloride                  | 9.98   | 5.0             | µg/L  | 10.0                          |               | 99.8       | 70-130      |     |            |       |
| 4-Methyl-2-pentanone (MIBK)         | 122    | 10              | µg/L  | 100                           |               | 122        | 70-160      |     |            | †     |
| Styrene                             | 10.3   | 1.0             | µg/L  | 10.0                          |               | 103        | 70-130      |     |            |       |
| 1,1,1,2,2-Tetrachloroethane         | 11.8   | 0.50            | µg/L  | 10.0                          |               | 118        | 70-130      |     |            |       |
| Tetrachloroethylene                 | 9.22   | 1.0             | µg/L  | 10.0                          |               | 92.2       | 70-130      |     |            |       |
| Toluene                             | 9.05   | 1.0             | µg/L  | 10.0                          |               | 90.5       | 70-130      |     |            |       |
| 1,2,3-Trichlorobenzene              | 11.6   | 5.0             | µg/L  | 10.0                          |               | 116        | 70-130      |     |            |       |
| 1,2,4-Trichlorobenzene              | 10.2   | 1.0             | µg/L  | 10.0                          |               | 102        | 70-130      |     |            |       |
| 1,1,1-Trichloroethane               | 9.95   | 1.0             | µg/L  | 10.0                          |               | 99.5       | 70-130      |     |            |       |
| 1,1,2-Trichloroethane               | 10.1   | 1.0             | µg/L  | 10.0                          |               | 101        | 70-130      |     |            |       |
| Trichloroethylene                   | 9.46   | 1.0             | µg/L  | 10.0                          |               | 94.6       | 70-130      |     |            |       |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**
**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source Result | %REC         | %REC Limits | RPD    | RPD Limit | Notes      |
|---------------------------------------------------|--------|-----------------|-------|-------------|---------------|--------------|-------------|--------|-----------|------------|
| <b>Batch B303675 - SW-846 5030B</b>               |        |                 |       |             |               |              |             |        |           |            |
| <b>LCS (B303675-BS1)</b>                          |        |                 |       |             |               |              |             |        |           |            |
| Prepared & Analyzed: 03/21/22                     |        |                 |       |             |               |              |             |        |           |            |
| Trichlorofluoromethane (Freon 11)                 | 9.56   | 2.0             | µg/L  | 10.0        |               | 95.6         | 70-130      |        |           |            |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.1   | 1.0             | µg/L  | 10.0        |               | 101          | 70-130      |        |           |            |
| Vinyl Chloride                                    | 10.2   | 2.0             | µg/L  | 10.0        |               | 102          | 40-160      |        |           | †          |
| Xylenes (total)                                   | 29.3   |                 | µg/L  | 30.0        |               | 97.7         | 0-200       |        |           |            |
| Surrogate: 1,2-Dichloroethane-d4                  | 26.8   |                 | µg/L  | 25.0        |               | 107          | 70-130      |        |           |            |
| Surrogate: Toluene-d8                             | 24.5   |                 | µg/L  | 25.0        |               | 98.0         | 70-130      |        |           |            |
| Surrogate: 4-Bromofluorobenzene                   | 24.7   |                 | µg/L  | 25.0        |               | 98.9         | 70-130      |        |           |            |
| <b>LCS Dup (B303675-BSD1)</b>                     |        |                 |       |             |               |              |             |        |           |            |
| Prepared & Analyzed: 03/21/22                     |        |                 |       |             |               |              |             |        |           |            |
| Acetone                                           | 120    | 50              | µg/L  | 100         |               | 120          | 70-160      | 3.05   | 25        | †          |
| Benzene                                           | 9.14   | 1.0             | µg/L  | 10.0        |               | 91.4         | 70-130      | 1.43   | 25        |            |
| Bromochloromethane                                | 10.2   | 1.0             | µg/L  | 10.0        |               | 102          | 70-130      | 0.0979 | 25        |            |
| Bromodichloromethane                              | 9.78   | 0.50            | µg/L  | 10.0        |               | 97.8         | 70-130      | 2.17   | 25        |            |
| Bromoform                                         | 12.1   | 1.0             | µg/L  | 10.0        |               | 121          | 70-130      | 1.24   | 25        |            |
| Bromomethane                                      | 10.2   | 2.0             | µg/L  | 10.0        |               | 102          | 40-160      | 18.9   | 25        | V-05 †     |
| 2-Butanone (MEK)                                  | 122    | 20              | µg/L  | 100         |               | 122          | 40-160      | 3.52   | 25        | †          |
| Carbon Disulfide                                  | 92.5   | 5.0             | µg/L  | 100         |               | 92.5         | 70-130      | 0.650  | 25        |            |
| Carbon Tetrachloride                              | 9.84   | 5.0             | µg/L  | 10.0        |               | 98.4         | 70-130      | 1.74   | 25        |            |
| Chlorobenzene                                     | 9.91   | 1.0             | µg/L  | 10.0        |               | 99.1         | 70-130      | 0.00   | 25        |            |
| Chlorodibromomethane                              | 10.0   | 0.50            | µg/L  | 10.0        |               | 100          | 70-130      | 1.51   | 25        |            |
| Chloroethane                                      | 9.91   | 2.0             | µg/L  | 10.0        |               | 99.1         | 70-130      | 4.33   | 25        |            |
| Chloroform                                        | 9.62   | 2.0             | µg/L  | 10.0        |               | 96.2         | 70-130      | 0.208  | 25        |            |
| Chloromethane                                     | 8.64   | 2.0             | µg/L  | 10.0        |               | 86.4         | 40-160      | 22.0   | 25        | V-05 †     |
| Cyclohexane                                       | 8.94   | 5.0             | µg/L  | 10.0        |               | 89.4         | 70-130      | 0.446  | 25        |            |
| 1,2-Dibromo-3-chloropropane (DBCP)                | 11.8   | 5.0             | µg/L  | 10.0        |               | 118          | 70-130      | 1.53   | 25        |            |
| 1,2-Dibromoethane (EDB)                           | 10.3   | 0.50            | µg/L  | 10.0        |               | 103          | 70-130      | 0.0973 | 25        |            |
| 1,2-Dichlorobenzene                               | 10.3   | 1.0             | µg/L  | 10.0        |               | 103          | 70-130      | 2.45   | 25        |            |
| 1,3-Dichlorobenzene                               | 10.3   | 1.0             | µg/L  | 10.0        |               | 103          | 70-130      | 0.979  | 25        |            |
| 1,4-Dichlorobenzene                               | 10.2   | 1.0             | µg/L  | 10.0        |               | 102          | 70-130      | 3.59   | 25        |            |
| Dichlorodifluoromethane (Freon 12)                | 8.91   | 2.0             | µg/L  | 10.0        |               | 89.1         | 40-160      | 4.01   | 25        | †          |
| 1,1-Dichloroethane                                | 9.54   | 1.0             | µg/L  | 10.0        |               | 95.4         | 70-130      | 1.25   | 25        |            |
| 1,2-Dichloroethane                                | 8.97   | 1.0             | µg/L  | 10.0        |               | 89.7         | 70-130      | 0.223  | 25        |            |
| 1,1-Dichloroethylene                              | 9.84   | 1.0             | µg/L  | 10.0        |               | 98.4         | 70-130      | 1.74   | 25        |            |
| cis-1,2-Dichloroethylene                          | 9.44   | 1.0             | µg/L  | 10.0        |               | 94.4         | 70-130      | 0.106  | 25        |            |
| trans-1,2-Dichloroethylene                        | 8.96   | 1.0             | µg/L  | 10.0        |               | 89.6         | 70-130      | 0.560  | 25        |            |
| 1,2-Dichloropropane                               | 9.43   | 1.0             | µg/L  | 10.0        |               | 94.3         | 70-130      | 0.425  | 25        |            |
| cis-1,3-Dichloropropene                           | 8.95   | 0.50            | µg/L  | 10.0        |               | 89.5         | 70-130      | 0.779  | 25        |            |
| trans-1,3-Dichloropropene                         | 9.14   | 0.50            | µg/L  | 10.0        |               | 91.4         | 70-130      | 0.769  | 25        |            |
| 1,4-Dioxane                                       | 114    | 50              | µg/L  | 100         |               | 114          | 40-130      | 1.56   | 50        | † ‡        |
| Ethylbenzene                                      | 9.95   | 1.0             | µg/L  | 10.0        |               | 99.5         | 70-130      | 1.10   | 25        |            |
| 2-Hexanone (MBK)                                  | 123    | 10              | µg/L  | 100         |               | 123          | 70-160      | 1.72   | 25        | †          |
| Isopropylbenzene (Cumene)                         | 9.80   | 1.0             | µg/L  | 10.0        |               | 98.0         | 70-130      | 1.52   | 25        |            |
| <b>Methyl Acetate</b>                             | 14.0   | 1.0             | µg/L  | 10.0        |               | <b>140</b> * | 70-130      | 1.56   | 25        | L-02, V-20 |
| Methyl tert-Butyl Ether (MTBE)                    | 10.1   | 1.0             | µg/L  | 10.0        |               | 101          | 70-130      | 2.09   | 25        |            |
| Methyl Cyclohexane                                | 9.01   | 1.0             | µg/L  | 10.0        |               | 90.1         | 70-130      | 1.12   | 25        |            |
| Methylene Chloride                                | 9.96   | 5.0             | µg/L  | 10.0        |               | 99.6         | 70-130      | 0.201  | 25        |            |
| 4-Methyl-2-pentanone (MIBK)                       | 120    | 10              | µg/L  | 100         |               | 120          | 70-160      | 1.19   | 25        | †          |
| Styrene                                           | 10.1   | 1.0             | µg/L  | 10.0        |               | 101          | 70-130      | 2.26   | 25        |            |
| 1,1,2,2-Tetrachloroethane                         | 11.6   | 0.50            | µg/L  | 10.0        |               | 116          | 70-130      | 1.45   | 25        |            |
| Tetrachloroethylene                               | 9.22   | 1.0             | µg/L  | 10.0        |               | 92.2         | 70-130      | 0.00   | 25        |            |
| Toluene                                           | 9.15   | 1.0             | µg/L  | 10.0        |               | 91.5         | 70-130      | 1.10   | 25        |            |
| 1,2,3-Trichlorobenzene                            | 11.9   | 5.0             | µg/L  | 10.0        |               | 119          | 70-130      | 2.38   | 25        |            |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**
**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte                                           | Result | Reporting Limit | Units | Spike Level                   | Source Result                 | %REC        | %REC Limits | RPD   | RPD Limit | Notes             |
|---------------------------------------------------|--------|-----------------|-------|-------------------------------|-------------------------------|-------------|-------------|-------|-----------|-------------------|
| <b>Batch B303675 - SW-846 5030B</b>               |        |                 |       |                               |                               |             |             |       |           |                   |
| <b>LCS Dup (B303675-BSD1)</b>                     |        |                 |       | Prepared & Analyzed: 03/21/22 |                               |             |             |       |           |                   |
| 1,2,4-Trichlorobenzene                            | 10.7   | 1.0             | µg/L  | 10.0                          |                               | 107         | 70-130      | 4.39  | 25        |                   |
| 1,1,1-Trichloroethane                             | 9.94   | 1.0             | µg/L  | 10.0                          |                               | 99.4        | 70-130      | 0.101 | 25        |                   |
| 1,1,2-Trichloroethane                             | 10.3   | 1.0             | µg/L  | 10.0                          |                               | 103         | 70-130      | 1.27  | 25        |                   |
| Trichloroethylene                                 | 9.31   | 1.0             | µg/L  | 10.0                          |                               | 93.1        | 70-130      | 1.60  | 25        |                   |
| Trichlorofluoromethane (Freon 11)                 | 9.54   | 2.0             | µg/L  | 10.0                          |                               | 95.4        | 70-130      | 0.209 | 25        |                   |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.98   | 1.0             | µg/L  | 10.0                          |                               | 99.8        | 70-130      | 1.39  | 25        |                   |
| Vinyl Chloride                                    | 10.4   | 2.0             | µg/L  | 10.0                          |                               | 104         | 40-160      | 2.53  | 25        | †                 |
| Xylenes (total)                                   | 29.4   |                 | µg/L  | 30.0                          |                               | 98.1        | 0-200       | 0.340 |           |                   |
| Surrogate: 1,2-Dichloroethane-d4                  | 26.7   |                 | µg/L  | 25.0                          |                               | 107         | 70-130      |       |           |                   |
| Surrogate: Toluene-d8                             | 24.5   |                 | µg/L  | 25.0                          |                               | 97.9        | 70-130      |       |           |                   |
| Surrogate: 4-Bromofluorobenzene                   | 24.4   |                 | µg/L  | 25.0                          |                               | 97.5        | 70-130      |       |           |                   |
| <b>Matrix Spike (B303675-MS1)</b>                 |        |                 |       | Source: 22C1249-01            | Prepared & Analyzed: 03/21/22 |             |             |       |           |                   |
| Acetone                                           | 112    | 50              | µg/L  | 100                           | ND                            | 112         | 70-130      |       |           |                   |
| Benzene                                           | 9.23   | 1.0             | µg/L  | 10.0                          | ND                            | 92.3        | 70-130      |       |           |                   |
| Bromochloromethane                                | 11.4   | 1.0             | µg/L  | 10.0                          | ND                            | 114         | 70-130      |       |           |                   |
| Bromodichloromethane                              | 9.64   | 0.50            | µg/L  | 10.0                          | ND                            | 96.4        | 70-130      |       |           |                   |
| Bromoform                                         | 11.7   | 1.0             | µg/L  | 10.0                          | ND                            | 117         | 70-130      |       |           |                   |
| <b>Bromomethane</b>                               | 6.38   | 2.0             | µg/L  | 10.0                          | ND                            | <b>63.8</b> | * 70-130    |       |           | MS-23, R-06, V-05 |
| 2-Butanone (MEK)                                  | 114    | 20              | µg/L  | 100                           | ND                            | 114         | 70-130      |       |           |                   |
| Carbon Disulfide                                  | 114    | 5.0             | µg/L  | 100                           | ND                            | 114         | 70-130      |       |           |                   |
| Carbon Tetrachloride                              | 10.1   | 5.0             | µg/L  | 10.0                          | ND                            | 101         | 70-130      |       |           |                   |
| Chlorobenzene                                     | 10.2   | 1.0             | µg/L  | 10.0                          | ND                            | 102         | 70-130      |       |           |                   |
| Chlorodibromomethane                              | 9.99   | 0.50            | µg/L  | 10.0                          | ND                            | 99.9        | 70-130      |       |           |                   |
| Chloroethane                                      | 12.1   | 2.0             | µg/L  | 10.0                          | ND                            | 121         | 70-130      |       |           |                   |
| Chloroform                                        | 9.71   | 2.0             | µg/L  | 10.0                          | ND                            | 97.1        | 70-130      |       |           |                   |
| Chloromethane                                     | 9.82   | 2.0             | µg/L  | 10.0                          | ND                            | 98.2        | 70-130      |       |           | V-05              |
| Cyclohexane                                       | 9.93   | 5.0             | µg/L  | 10.0                          | ND                            | 99.3        | 70-130      |       |           |                   |
| 1,2-Dibromo-3-chloropropane (DBCP)                | 11.4   | 5.0             | µg/L  | 10.0                          | ND                            | 114         | 70-130      |       |           |                   |
| 1,2-Dibromoethane (EDB)                           | 10.4   | 0.50            | µg/L  | 10.0                          | ND                            | 104         | 70-130      |       |           |                   |
| 1,2-Dichlorobenzene                               | 10.3   | 1.0             | µg/L  | 10.0                          | ND                            | 103         | 70-130      |       |           |                   |
| 1,3-Dichlorobenzene                               | 10.2   | 1.0             | µg/L  | 10.0                          | ND                            | 102         | 70-130      |       |           |                   |
| 1,4-Dichlorobenzene                               | 10.2   | 1.0             | µg/L  | 10.0                          | ND                            | 102         | 70-130      |       |           |                   |
| Dichlorodifluoromethane (Freon 12)                | 9.61   | 2.0             | µg/L  | 10.0                          | ND                            | 96.1        | 70-130      |       |           |                   |
| 1,1-Dichloroethane                                | 9.98   | 1.0             | µg/L  | 10.0                          | 0.320                         | 96.6        | 70-130      |       |           |                   |
| 1,2-Dichloroethane                                | 9.15   | 1.0             | µg/L  | 10.0                          | ND                            | 91.5        | 70-130      |       |           |                   |
| 1,1-Dichloroethylene                              | 10.6   | 1.0             | µg/L  | 10.0                          | ND                            | 106         | 70-130      |       |           |                   |
| cis-1,2-Dichloroethylene                          | 9.83   | 1.0             | µg/L  | 10.0                          | 0.250                         | 95.8        | 70-130      |       |           |                   |
| trans-1,2-Dichloroethylene                        | 9.56   | 1.0             | µg/L  | 10.0                          | ND                            | 95.6        | 70-130      |       |           |                   |
| 1,2-Dichloropropane                               | 9.83   | 1.0             | µg/L  | 10.0                          | ND                            | 98.3        | 70-130      |       |           |                   |
| cis-1,3-Dichloropropene                           | 8.88   | 0.50            | µg/L  | 10.0                          | ND                            | 88.8        | 70-130      |       |           |                   |
| trans-1,3-Dichloropropene                         | 9.04   | 0.50            | µg/L  | 10.0                          | ND                            | 90.4        | 70-130      |       |           |                   |
| 1,4-Dioxane                                       | 111    | 50              | µg/L  | 100                           | ND                            | 111         | 70-130      |       |           |                   |
| Ethylbenzene                                      | 10.6   | 1.0             | µg/L  | 10.0                          | ND                            | 106         | 70-130      |       |           |                   |
| 2-Hexanone (MBK)                                  | 117    | 10              | µg/L  | 100                           | ND                            | 117         | 70-130      |       |           |                   |
| Isopropylbenzene (Cumene)                         | 10.3   | 1.0             | µg/L  | 10.0                          | ND                            | 103         | 70-130      |       |           |                   |
| Methyl Acetate                                    | 11.0   | 1.0             | µg/L  | 10.0                          | ND                            | 110         | 70-130      |       |           | L-02, V-20        |
| Methyl tert-Butyl Ether (MTBE)                    | 9.88   | 1.0             | µg/L  | 10.0                          | ND                            | 98.8        | 70-130      |       |           |                   |
| Methyl Cyclohexane                                | 9.87   | 1.0             | µg/L  | 10.0                          | ND                            | 98.7        | 70-130      |       |           |                   |
| Methylene Chloride                                | 10.6   | 5.0             | µg/L  | 10.0                          | ND                            | 106         | 70-130      |       |           |                   |
| 4-Methyl-2-pentanone (MIBK)                       | 115    | 10              | µg/L  | 100                           | ND                            | 115         | 70-130      |       |           |                   |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**
**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B303675 - SW-846 5030B**

| <b>Matrix Spike (B303675-MS1)</b>                 |      | <b>Source: 22C1249-01</b> |      | <b>Prepared &amp; Analyzed: 03/21/22</b> |       |      |        |  |  |  |
|---------------------------------------------------|------|---------------------------|------|------------------------------------------|-------|------|--------|--|--|--|
| Styrene                                           | 10.4 | 1.0                       | µg/L | 10.0                                     | ND    | 104  | 70-130 |  |  |  |
| 1,1,2,2-Tetrachloroethane                         | 11.2 | 0.50                      | µg/L | 10.0                                     | ND    | 112  | 70-130 |  |  |  |
| Tetrachloroethylene                               | 9.83 | 1.0                       | µg/L | 10.0                                     | ND    | 98.3 | 70-130 |  |  |  |
| Toluene                                           | 9.80 | 1.0                       | µg/L | 10.0                                     | ND    | 98.0 | 70-130 |  |  |  |
| 1,2,3-Trichlorobenzene                            | 10.2 | 5.0                       | µg/L | 10.0                                     | ND    | 102  | 70-130 |  |  |  |
| 1,2,4-Trichlorobenzene                            | 10.1 | 1.0                       | µg/L | 10.0                                     | ND    | 101  | 70-130 |  |  |  |
| 1,1,1-Trichloroethane                             | 10.6 | 1.0                       | µg/L | 10.0                                     | 0.340 | 103  | 70-130 |  |  |  |
| 1,1,2-Trichloroethane                             | 10.3 | 1.0                       | µg/L | 10.0                                     | ND    | 103  | 70-130 |  |  |  |
| Trichloroethylene                                 | 10.2 | 1.0                       | µg/L | 10.0                                     | 0.520 | 97.1 | 70-130 |  |  |  |
| Trichlorofluoromethane (Freon 11)                 | 10.3 | 2.0                       | µg/L | 10.0                                     | ND    | 103  | 70-130 |  |  |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.3 | 1.0                       | µg/L | 10.0                                     | ND    | 103  | 70-130 |  |  |  |
| Vinyl Chloride                                    | 11.8 | 2.0                       | µg/L | 10.0                                     | ND    | 118  | 70-130 |  |  |  |
| Xylenes (total)                                   | 30.9 |                           | µg/L | 30.0                                     | 0.00  | 103  | 0-200  |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4                  | 25.7 |                           | µg/L | 25.0                                     |       | 103  | 70-130 |  |  |  |
| Surrogate: Toluene-d8                             | 24.6 |                           | µg/L | 25.0                                     |       | 98.6 | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene                   | 24.4 |                           | µg/L | 25.0                                     |       | 97.6 | 70-130 |  |  |  |

| <b>Matrix Spike Dup (B303675-MSD1)</b> |      | <b>Source: 22C1249-01</b> |      | <b>Prepared &amp; Analyzed: 03/21/22</b> |       |      |        |        |    |            |
|----------------------------------------|------|---------------------------|------|------------------------------------------|-------|------|--------|--------|----|------------|
| Acetone                                | 116  | 50                        | µg/L | 100                                      | ND    | 116  | 70-130 | 3.81   | 30 |            |
| Benzene                                | 9.42 | 1.0                       | µg/L | 10.0                                     | ND    | 94.2 | 70-130 | 2.04   | 30 |            |
| Bromochloromethane                     | 10.4 | 1.0                       | µg/L | 10.0                                     | ND    | 104  | 70-130 | 9.12   | 30 |            |
| Bromodichloromethane                   | 9.58 | 0.50                      | µg/L | 10.0                                     | ND    | 95.8 | 70-130 | 0.624  | 30 |            |
| Bromoform                              | 11.6 | 1.0                       | µg/L | 10.0                                     | ND    | 116  | 70-130 | 1.12   | 30 |            |
| Bromomethane                           | 9.96 | 2.0                       | µg/L | 10.0                                     | ND    | 99.6 | 70-130 | 43.8 * | 30 | R-06, V-05 |
| 2-Butanone (MEK)                       | 120  | 20                        | µg/L | 100                                      | ND    | 120  | 70-130 | 4.90   | 30 |            |
| Carbon Disulfide                       | 115  | 5.0                       | µg/L | 100                                      | ND    | 115  | 70-130 | 0.663  | 30 |            |
| Carbon Tetrachloride                   | 10.2 | 5.0                       | µg/L | 10.0                                     | ND    | 102  | 70-130 | 1.08   | 30 |            |
| Chlorobenzene                          | 10.1 | 1.0                       | µg/L | 10.0                                     | ND    | 101  | 70-130 | 0.989  | 30 |            |
| Chlorodibromomethane                   | 9.79 | 0.50                      | µg/L | 10.0                                     | ND    | 97.9 | 70-130 | 2.02   | 30 |            |
| Chloroethane                           | 11.9 | 2.0                       | µg/L | 10.0                                     | ND    | 119  | 70-130 | 1.50   | 30 |            |
| Chloroform                             | 9.64 | 2.0                       | µg/L | 10.0                                     | ND    | 96.4 | 70-130 | 0.724  | 30 |            |
| Chloromethane                          | 10.7 | 2.0                       | µg/L | 10.0                                     | ND    | 107  | 70-130 | 8.95   | 30 | V-05       |
| Cyclohexane                            | 10.1 | 5.0                       | µg/L | 10.0                                     | ND    | 101  | 70-130 | 1.80   | 30 |            |
| 1,2-Dibromo-3-chloropropane (DBCP)     | 11.7 | 5.0                       | µg/L | 10.0                                     | ND    | 117  | 70-130 | 1.90   | 30 |            |
| 1,2-Dibromoethane (EDB)                | 10.3 | 0.50                      | µg/L | 10.0                                     | ND    | 103  | 70-130 | 1.06   | 30 |            |
| 1,2-Dichlorobenzene                    | 9.85 | 1.0                       | µg/L | 10.0                                     | ND    | 98.5 | 70-130 | 4.17   | 30 |            |
| 1,3-Dichlorobenzene                    | 10.2 | 1.0                       | µg/L | 10.0                                     | ND    | 102  | 70-130 | 0.295  | 30 |            |
| 1,4-Dichlorobenzene                    | 9.58 | 1.0                       | µg/L | 10.0                                     | ND    | 95.8 | 70-130 | 6.46   | 30 |            |
| Dichlorodifluoromethane (Freon 12)     | 9.81 | 2.0                       | µg/L | 10.0                                     | ND    | 98.1 | 70-130 | 2.06   | 30 |            |
| 1,1-Dichloroethane                     | 9.98 | 1.0                       | µg/L | 10.0                                     | 0.320 | 96.6 | 70-130 | 0.00   | 30 |            |
| 1,2-Dichloroethane                     | 9.00 | 1.0                       | µg/L | 10.0                                     | ND    | 90.0 | 70-130 | 1.65   | 30 |            |
| 1,1-Dichloroethylene                   | 10.7 | 1.0                       | µg/L | 10.0                                     | ND    | 107  | 70-130 | 0.753  | 30 |            |
| cis-1,2-Dichloroethylene               | 9.85 | 1.0                       | µg/L | 10.0                                     | 0.250 | 96.0 | 70-130 | 0.203  | 30 |            |
| trans-1,2-Dichloroethylene             | 9.76 | 1.0                       | µg/L | 10.0                                     | ND    | 97.6 | 70-130 | 2.07   | 30 |            |
| 1,2-Dichloropropane                    | 9.84 | 1.0                       | µg/L | 10.0                                     | ND    | 98.4 | 70-130 | 0.102  | 30 |            |
| cis-1,3-Dichloropropene                | 8.80 | 0.50                      | µg/L | 10.0                                     | ND    | 88.0 | 70-130 | 0.905  | 30 |            |
| trans-1,3-Dichloropropene              | 8.88 | 0.50                      | µg/L | 10.0                                     | ND    | 88.8 | 70-130 | 1.79   | 30 |            |
| 1,4-Dioxane                            | 115  | 50                        | µg/L | 100                                      | ND    | 115  | 70-130 | 3.74   | 30 |            |
| Ethylbenzene                           | 10.5 | 1.0                       | µg/L | 10.0                                     | ND    | 105  | 70-130 | 0.569  | 30 |            |
| 2-Hexanone (MBK)                       | 121  | 10                        | µg/L | 100                                      | ND    | 121  | 70-130 | 3.27   | 30 |            |
| Isopropylbenzene (Cumene)              | 10.3 | 1.0                       | µg/L | 10.0                                     | ND    | 103  | 70-130 | 0.194  | 30 |            |
| Methyl Acetate                         | 11.0 | 1.0                       | µg/L | 10.0                                     | ND    | 110  | 70-130 | 0.636  | 30 | L-02, V-20 |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**
**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte                                           | Result                    | Reporting<br>Limit | Units | Spike<br>Level                | Source<br>Result | %REC | %REC<br>Limits | RPD   | RPD<br>Limit | Notes |
|---------------------------------------------------|---------------------------|--------------------|-------|-------------------------------|------------------|------|----------------|-------|--------------|-------|
| <b>Batch B303675 - SW-846 5030B</b>               |                           |                    |       |                               |                  |      |                |       |              |       |
| <b>Matrix Spike Dup (B303675-MSD1)</b>            | <b>Source: 22C1249-01</b> |                    |       | Prepared & Analyzed: 03/21/22 |                  |      |                |       |              |       |
| Methyl tert-Butyl Ether (MTBE)                    | 9.76                      | 1.0                | µg/L  | 10.0                          | ND               | 97.6 | 70-130         | 1.22  | 30           |       |
| Methyl Cyclohexane                                | 9.88                      | 1.0                | µg/L  | 10.0                          | ND               | 98.8 | 70-130         | 0.101 | 30           |       |
| Methylene Chloride                                | 10.7                      | 5.0                | µg/L  | 10.0                          | ND               | 107  | 70-130         | 0.847 | 30           |       |
| 4-Methyl-2-pentanone (MIBK)                       | 119                       | 10                 | µg/L  | 100                           | ND               | 119  | 70-130         | 3.40  | 30           |       |
| Styrene                                           | 10.4                      | 1.0                | µg/L  | 10.0                          | ND               | 104  | 70-130         | 0.865 | 30           |       |
| 1,1,2,2-Tetrachloroethane                         | 11.4                      | 0.50               | µg/L  | 10.0                          | ND               | 114  | 70-130         | 2.30  | 30           |       |
| Tetrachloroethylene                               | 9.90                      | 1.0                | µg/L  | 10.0                          | ND               | 99.0 | 70-130         | 0.710 | 30           |       |
| Toluene                                           | 9.77                      | 1.0                | µg/L  | 10.0                          | ND               | 97.7 | 70-130         | 0.307 | 30           |       |
| 1,2,3-Trichlorobenzene                            | 11.4                      | 5.0                | µg/L  | 10.0                          | ND               | 114  | 70-130         | 10.6  | 30           |       |
| 1,2,4-Trichlorobenzene                            | 10.3                      | 1.0                | µg/L  | 10.0                          | ND               | 103  | 70-130         | 2.25  | 30           |       |
| 1,1,1-Trichloroethane                             | 10.8                      | 1.0                | µg/L  | 10.0                          | 0.340            | 104  | 70-130         | 1.49  | 30           |       |
| 1,1,2-Trichloroethane                             | 9.98                      | 1.0                | µg/L  | 10.0                          | ND               | 99.8 | 70-130         | 2.77  | 30           |       |
| Trichloroethylene                                 | 10.5                      | 1.0                | µg/L  | 10.0                          | 0.520            | 99.8 | 70-130         | 2.60  | 30           |       |
| Trichlorofluoromethane (Freon 11)                 | 10.2                      | 2.0                | µg/L  | 10.0                          | ND               | 102  | 70-130         | 0.876 | 30           |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.3                      | 1.0                | µg/L  | 10.0                          | ND               | 103  | 70-130         | 0.292 | 30           |       |
| Vinyl Chloride                                    | 11.6                      | 2.0                | µg/L  | 10.0                          | ND               | 116  | 70-130         | 2.31  | 30           |       |
| Xylenes (total)                                   | 30.3                      |                    | µg/L  | 30.0                          | 0.00             | 101  | 0-200          | 1.86  |              |       |
| Surrogate: 1,2-Dichloroethane-d4                  | 26.1                      |                    | µg/L  | 25.0                          |                  | 104  | 70-130         |       |              |       |
| Surrogate: Toluene-d8                             | 24.4                      |                    | µg/L  | 25.0                          |                  | 97.6 | 70-130         |       |              |       |
| Surrogate: 4-Bromofluorobenzene                   | 24.7                      |                    | µg/L  | 25.0                          |                  | 98.9 | 70-130         |       |              |       |

---

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

---

**QUALITY CONTROL****Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED) - Quality Control**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch B303675 - SW-846 5030B****Blank (B303675-BLK1)**

Prepared &amp; Analyzed: 03/21/22

|               |     |      |
|---------------|-----|------|
| No TICs Found | 0.0 | µg/L |
|---------------|-----|------|

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

# FLAG/QUALIFIER SUMMARY

|       |                                                                                                                                                                                                                                                            |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *     | QC result is outside of established limits.                                                                                                                                                                                                                |
| †     | Wide recovery limits established for difficult compound.                                                                                                                                                                                                   |
| ‡     | Wide RPD limits established for difficult compound.                                                                                                                                                                                                        |
| #     | Data exceeded client recommended or regulatory level                                                                                                                                                                                                       |
| ND    | Not Detected                                                                                                                                                                                                                                               |
| RL    | Reporting Limit is at the level of quantitation (LOQ)                                                                                                                                                                                                      |
| DL    | Detection Limit is the lower limit of detection determined by the MDL study                                                                                                                                                                                |
| MCL   | Maximum Contaminant Level                                                                                                                                                                                                                                  |
|       | Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.                                                                                                     |
|       | No results have been blank subtracted unless specified in the case narrative section.                                                                                                                                                                      |
| L-02  | Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.  |
| MS-23 | Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound. |
| R-06  | Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.                                                                                                            |
| V-05  | Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.                                                                                                                             |
| V-20  | Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.                                                    |

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**CERTIFICATIONS**
**Certified Analyses included in this Report**

| Analyte                            | Certifications |
|------------------------------------|----------------|
| <i>SW-846 8260D in Water</i>       |                |
| Acetone                            | CT,ME,NH,VA,NY |
| Benzene                            | CT,ME,NH,VA,NY |
| Bromochloromethane                 | ME,NH,VA,NY    |
| Bromodichloromethane               | CT,ME,NH,VA,NY |
| Bromoform                          | CT,ME,NH,VA,NY |
| Bromomethane                       | CT,ME,NH,VA,NY |
| 2-Butanone (MEK)                   | CT,ME,NH,VA,NY |
| Carbon Disulfide                   | CT,ME,NH,VA,NY |
| Carbon Tetrachloride               | CT,ME,NH,VA,NY |
| Chlorobenzene                      | CT,ME,NH,VA,NY |
| Chlorodibromomethane               | CT,ME,NH,VA,NY |
| Chloroethane                       | CT,ME,NH,VA,NY |
| Chloroform                         | CT,ME,NH,VA,NY |
| Chloromethane                      | CT,ME,NH,VA,NY |
| Cyclohexane                        | ME,NY          |
| 1,2-Dibromo-3-chloropropane (DBCP) | ME,NY          |
| 1,2-Dibromoethane (EDB)            | ME,NY          |
| 1,2-Dichlorobenzene                | CT,ME,NH,VA,NY |
| 1,3-Dichlorobenzene                | CT,ME,NH,VA,NY |
| 1,4-Dichlorobenzene                | CT,ME,NH,VA,NY |
| Dichlorodifluoromethane (Freon 12) | ME,NH,VA,NY    |
| 1,1-Dichloroethane                 | CT,ME,NH,VA,NY |
| 1,2-Dichloroethane                 | CT,ME,NH,VA,NY |
| 1,1-Dichloroethylene               | CT,ME,NH,VA,NY |
| cis-1,2-Dichloroethylene           | ME,NY          |
| trans-1,2-Dichloroethylene         | CT,ME,NH,VA,NY |
| 1,2-Dichloropropane                | CT,ME,NH,VA,NY |
| cis-1,3-Dichloropropene            | CT,ME,NH,VA,NY |
| trans-1,3-Dichloropropene          | CT,ME,NH,VA,NY |
| 1,4-Dioxane                        | ME,NY          |
| Ethylbenzene                       | CT,ME,NH,VA,NY |
| 2-Hexanone (MBK)                   | CT,ME,NH,VA,NY |
| Isopropylbenzene (Cumene)          | ME,VA,NY       |
| Methyl Acetate                     | ME,NY          |
| Methyl tert-Butyl Ether (MTBE)     | CT,ME,NH,VA,NY |
| Methyl Cyclohexane                 | NY             |
| Methylene Chloride                 | CT,ME,NH,VA,NY |
| 4-Methyl-2-pentanone (MIBK)        | CT,ME,NH,VA,NY |
| Styrene                            | CT,ME,NH,VA,NY |
| 1,1,2,2-Tetrachloroethane          | CT,ME,NH,VA,NY |
| Tetrachloroethylene                | CT,ME,NH,VA,NY |
| Toluene                            | CT,ME,NH,VA,NY |
| 1,2,3-Trichlorobenzene             | ME,NH,VA,NY    |
| 1,2,4-Trichlorobenzene             | CT,ME,NH,VA,NY |
| 1,1,1-Trichloroethane              | CT,ME,NH,VA,NY |
| 1,1,2-Trichloroethane              | CT,ME,NH,VA,NY |
| Trichloroethylene                  | CT,ME,NH,VA,NY |

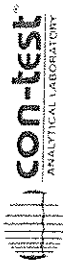
39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**CERTIFICATIONS**
**Certified Analyses included in this Report**

| Analyte                                           | Certifications |
|---------------------------------------------------|----------------|
| <b>SW-846 8260D in Water</b>                      |                |
| Trichlorofluoromethane (Freon 11)                 | CT,ME,NH,VA,NY |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | VA,NY          |
| Vinyl Chloride                                    | CT,ME,NH,VA,NY |
| Xylenes (total)                                   | ME,NY          |

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

| Code  | Description                                  | Number        | Expires    |
|-------|----------------------------------------------|---------------|------------|
| AIHA  | AIHA-LAP, LLC - ISO17025:2017                | 100033        | 03/1/2024  |
| MA    | Massachusetts DEP                            | M-MA100       | 06/30/2022 |
| CT    | Connecticut Department of Public Health      | PH-0165       | 12/31/2022 |
| NY    | New York State Department of Health          | 10899 NELAP   | 04/1/2023  |
| NH-S  | New Hampshire Environmental Lab              | 2516 NELAP    | 02/5/2023  |
| RI    | Rhode Island Department of Health            | LAO00373      | 12/30/2022 |
| NC    | North Carolina Div. of Water Quality         | 652           | 12/31/2022 |
| NJ    | New Jersey DEP                               | MA007 NELAP   | 06/30/2022 |
| FL    | Florida Department of Health                 | E871027 NELAP | 06/30/2022 |
| VT    | Vermont Department of Health Lead Laboratory | LL720741      | 07/30/2022 |
| ME    | State of Maine                               | MA00100       | 06/9/2023  |
| VA    | Commonwealth of Virginia                     | 460217        | 12/14/2022 |
| NH-P  | New Hampshire Environmental Lab              | 2557 NELAP    | 09/6/2022  |
| VT-DW | Vermont Department of Health Drinking Water  | VT-255716     | 06/12/2022 |
| NC-DW | North Carolina Department of Health          | 25703         | 07/31/2022 |
| PA    | Commonwealth of Pennsylvania DEP             | 68-05812      | 06/30/2022 |
| MI    | Dept. of Env, Great Lakes, and Energy        | 9100          | 09/6/2022  |



Phone: 413-525-2332  
Fax: 413-525-6405

Email: info@contestlabs.com

TRC Companies

Address: 215 Greenfield Parkway, Suite 102, Liverpool, NY 13088

Phone:

Project Location: Crystal Cleaners - Corning, NY

Project Number: 386554.0000.0000

Project Manager: Jonathan Bene

Con-Test Quote Name/Number: -

Invoice Recipient: -

Sampled By: Kevin Murphy / Joshua Yeager

| Con-Test Work Order # | Client Sample ID / Description | Beginning Date/Time | Ending Date/Time | Composite | Grab | Matrix Code | Conc Code |
|-----------------------|--------------------------------|---------------------|------------------|-----------|------|-------------|-----------|
| 1                     | CC-MW-6                        | 3/17/22 12:45       |                  |           | ✓    | GW          |           |
| 2                     | CC-MW-4                        | ↑ 12:00             |                  |           | ✓    | GW          |           |
| 3                     | CC-MW-1                        | 12:40               |                  |           | ✓    | GW          |           |
| 4                     | CC-MW-2                        | 14:45               |                  |           | ✓    | GW          |           |
| 5                     | Trip Blank                     | 08:30               |                  |           |      | W           |           |
| 6                     | EB-1                           | 3/17/22 15:00       |                  |           | ✓    | W           |           |
| 7                     | DUP-1                          | 3/17/22 08:00       |                  |           | ✓    | GW          |           |
| KM 3/17/22            |                                |                     |                  |           |      |             |           |

Comments:

Please use the following codes to indicate possible sample concentration within the Conc Code column above:  
H - High; M - Medium; L - Low; C - Clean; U - Unknown

|                                                    |                          |
|----------------------------------------------------|--------------------------|
| Relinquished by: (signature)<br><i>[Signature]</i> | Date/Time: 3/17/22 15:30 |
| Received by: (signature)<br><i>[Signature]</i>     | Date/Time: 3/18/22 12:28 |
| Relinquished by: (signature)                       | Date/Time:               |
| Received by: (signature)                           | Date/Time:               |
| Relinquished by: (signature)                       | Date/Time:               |
| Received by: (signature)                           | Date/Time:               |

|                                                 |                                   |
|-------------------------------------------------|-----------------------------------|
| <input type="checkbox"/> AWQ STDs               | <input type="checkbox"/> NY TOGS  |
| <input type="checkbox"/> NYC Sewer Discharge    | <input type="checkbox"/> NY CP-51 |
| <input type="checkbox"/> Part 360 GW (Landfill) |                                   |
| <input type="checkbox"/> NY Restricted Use      |                                   |
| <input type="checkbox"/> NY Unrestricted Use    |                                   |
| <input type="checkbox"/> NY Part 375            |                                   |

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Project Entity                      | Other                           |
| <input type="checkbox"/> Government | <input type="checkbox"/> WRTA   |
| <input type="checkbox"/> Federal    | <input type="checkbox"/> MWRA   |
| <input type="checkbox"/> City       | <input type="checkbox"/> School |
|                                     | <input type="checkbox"/> MBTA   |

|                                                |                                        |
|------------------------------------------------|----------------------------------------|
| Enhanced Data Package                          | <input type="checkbox"/> Chromatogram  |
| <input type="checkbox"/> NY DEC EQuIS EDD      | <input type="checkbox"/> AIHA-LAP, LLC |
| <input type="checkbox"/> EQuIS (Standard) EDD  |                                        |
| <input type="checkbox"/> NY Regulatory EDD     |                                        |
| <input type="checkbox"/> NY Regs Hits-Only EDD |                                        |

|                                                             |       |
|-------------------------------------------------------------|-------|
| Other                                                       | Other |
| <input type="checkbox"/> NELAC and AIHA-LAP, LLC Accredited |       |

FedEx® Tracking

270990628380

ADD NICKNAME



Delivered  
Friday, March 18, 2022 at 12:28 pm



DELIVERED  
Signed for by: APIERSHEIWSHI  
GET STATUS UPDATES  
OBTAIN PROOF OF DELIVERY

FROM  
LIVERPOOL, NY US

TO  
East Longmeadow, MA US

Travel History

TIME ZONE  
Local Scan Time

Friday, March 18,  
2022

|          |                     |                           |
|----------|---------------------|---------------------------|
| 12:28 PM | East Longmeadow, MA | Delivered                 |
| 6:14 AM  | WINDSOR, CT         | At local FedEx facility   |
| 3:48 AM  | RENSSELAER, NY      | Departed FedEx location   |
| 2:10 AM  | RENSSELAER, NY      | Shipment arriving On-Time |
| 1:59 AM  | RENSSELAER, NY      | Arrived at FedEx location |

Thursday, March 17, 2022

|         |                |                                                   |
|---------|----------------|---------------------------------------------------|
| 8:44 PM | HORSEHEADS, NY | Left FedEx origin facility                        |
| 5:53 PM | HORSEHEADS, NY | Arrived at FedEx location                         |
| 5:06 PM | HORSEHEADS, NY | Picked up                                         |
| 4:20 PM | HORSEHEADS, NY | In FedEx possession<br>Tendered at FedEx location |

I Have Not Confirmed Sample Container  
Numbers With Lab Staff Before Relinquishing  
Over Samples \_\_\_\_\_



**con-test®**  
ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

**Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False  
Statement will be brought to the attention of the Client - State True or False**

Client TRC Computers  
Received By LA Date 3/18/22 Time 1228

How were the samples received? In Cooler T No Cooler F On Ice T No Ice F  
Direct from Sampling F Ambient F Melted Ice F

Were samples within Temperature? 2-6°C T By Gun # 5 Actual Temp - 36  
By Blank # N/A Actual Temp -

Was Custody Seal Intact? T Were Samples Tampered with? F  
Was COC Relinquished? T Does Chain Agree With Samples? F

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T  
Did COC include all Client T Analysis T Sampler Name T  
pertinent Information? Project T ID's 5 Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified?   
Are there Rushes? F Who was notified?   
Are there Short Holds? F Who was notified?

Is there enough Volume? T

Is there Headspace where applicable? N/A MS/MSD? T

Proper Media/Containers Used? T Is splitting samples required?

Were trip blanks received? T On COC?

Do all samples have the proper pH? N/A Acid  Base

| Vials        | #         | Containers:  | # | #               | # | #             |
|--------------|-----------|--------------|---|-----------------|---|---------------|
| Unp-         |           | 1 Liter Amb. |   | 1 Liter Plastic |   | 16 oz Amb.    |
| HCL-         | <u>26</u> | 500 mL Amb.  |   | 500 mL Plastic  |   | 8oz Amb/Clear |
| Meoh-        |           | 250 mL Amb.  |   | 250 mL Plastic  |   | 4oz Amb/Clear |
| Bisulfate-   |           | Flashpoint   |   | Col./Bacteria   |   | 2oz Amb/Clear |
| DI-          |           | Other Glass  |   | Other Plastic   |   | Encore        |
| Thiosulfate- |           | SOC Kit      |   | Plastic Bag     |   | Frozen:       |
| Sulfuric-    |           | Perchlorate  |   | Ziplock         |   |               |

**Unused Media**

| Vials        | # | Containers:   | # | #               | # | #             |
|--------------|---|---------------|---|-----------------|---|---------------|
| Unp-         |   | 1 Liter Amb.  |   | 1 Liter Plastic |   | 16 oz Amb.    |
| HCL-         |   | 500 mL Amb.   |   | 500 mL Plastic  |   | 8oz Amb/Clear |
| Meoh-        |   | 250 mL Amb.   |   | 250 mL Plastic  |   | 4oz Amb/Clear |
| Bisulfate-   |   | Col./Bacteria |   | Flashpoint      |   | 2oz Amb/Clear |
| DI-          |   | Other Plastic |   | Other Glass     |   | Encore        |
| Thiosulfate- |   | SOC Kit       |   | Plastic Bag     |   | Frozen:       |
| Sulfuric-    |   | Perchlorate   |   | Ziplock         |   |               |

Comments: