

## **ANALYTICAL RESULTS SUMMARY**

VOLATILE ORGANICS

**PROJECT NAME : 32 PARK ST ORANGE NJ**

**RMJ ENVIRONOMICS, INC.**

**190 Parish Drive**

**Wayne, NJ - 07470**

**Phone No: 973-633-0020**

**ORDER ID : Q1908**

**ATTENTION : Jonathan Pereira**



**Laboratory Certification ID # 20012**



|                                                |    |
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## DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : RMJ Environomics, Inc.  
 Project Location : \_\_\_\_\_ Project Number : \_\_\_\_\_  
 Laboratory Sample ID(s) : Q1908 Sampling Date(s) : 4/28/2025  
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **Sampling,SMO,SOP,TO-15**

|    |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                             |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                         |
| 1A | Were the method specified handling, preservation, and holding time requirements met?                                                                                                                                                                                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                         |
| 1B | EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)                                                                                                                                                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A                                                                            |
| 2  | Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?                                                                                                                                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                         |
| 3  | Were samples received at an appropriate temperature (4±2° C)?                                                                                                                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A                                                                            |
| 4  | Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?                                                                                                                                                                                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                         |
| 5  | a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?<br><br>b)Were these reporting limits met?                                                                                                                        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| 6  | For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?                                                                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                         |
| 7  | Are project-specific matrix spikes and/or laboratory duplicates included in this data set?                                                                                                                                                                                                          | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                         |

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Data of Known Quality."

## Cover Page

**Order ID :** Q1908

**Project ID :** 32 Park St Orange NJ

**Client :** RMJ Environomics, Inc.

**Lab Sample Number**

Q1908-01  
Q1908-02  
Q1908-03

**Client Sample Number**

B-1  
B-2  
B-3

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : \_\_\_\_\_

Date: 5/9/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## **CASE NARRATIVE**

**RMJ Environomics, Inc.**

**Project Name: 32 Park St Orange NJ**

**Project # N/A**

**Order ID # Q1908**

**Test Name: TO-15**

### **A. Number of Samples and Date of Receipt:**

3 Air samples were received on 04/28/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: TO-15. This data package contains results for TO-15.

### **C. Analytical Techniques:**

The analysis performed on instrument MSVOA\_L were done using GC column RTX-1, which is 60 meters, 0.32 mm id, 1.0 um df, Restek Cat. #10157. The Trap was supplied by Entech, glass bead and Tenax , Entech 7100A Preconcentrator. The analysis of TO-15 was based on method TO-15.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

### **E. Additional Comments:**

The not QT review data is reported in the Miscellaneous.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

The Manual Integrations are performed for the followings.

| Manual Integration Report |          |            |         |
|---------------------------|----------|------------|---------|
| Sequence                  | vl041725 | Instrument | MSVOA_I |

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|-----------|---------|-----------|-----------|-----------|---------------|---------------|--------|
|-----------|---------|-----------|-----------|-----------|---------------|---------------|--------|

|             |            |                         |     |                      |          |                       |                                         |
|-------------|------------|-------------------------|-----|----------------------|----------|-----------------------|-----------------------------------------|
| VSTDICCC010 | VL042349.D | m/p-Xylene              | SAM | 4/18/2025 4:19:07 PM | MMDadoda | 4/18/2025 10:45:20 PM | Peak Integrated by Software incorrectly |
| VSTDICCC002 | VL042350.D | 1,4-Dioxane             | SAM | 4/18/2025 4:19:12 PM | MMDadoda | 4/18/2025 10:45:17 PM | Peak Integrated by Software incorrectly |
| VSTDICCC002 | VL042350.D | cis-1,3-Dichloropropene | SAM | 4/18/2025 4:19:12 PM | MMDadoda | 4/18/2025 10:45:17 PM | Peak Integrated by Software incorrectly |
| VSTDICCC002 | VL042350.D | Ethanol                 | SAM | 4/18/2025 4:19:12 PM | MMDadoda | 4/18/2025 10:45:17 PM | Peak Integrated by Software incorrectly |
| VSTDICCC002 | VL042350.D | Heptane                 | SAM | 4/18/2025 4:19:12 PM | MMDadoda | 4/18/2025 10:45:17 PM | Peak Integrated by Software incorrectly |
| VSTDICCC002 | VL042350.D | m/p-Xylene              | SAM | 4/18/2025 4:19:12 PM | MMDadoda | 4/18/2025 10:45:17 PM | Peak Integrated by Software incorrectly |
| VSTDICCC002 | VL042350.D | Trichloroethene         | SAM | 4/18/2025 4:19:12 PM | MMDadoda | 4/18/2025 10:45:17 PM | Peak Integrated by Software incorrectly |
| VSTDICCC001 | VL042351.D | 1,1,2-Trichloroethane   | SAM | 4/18/2025 4:19:17 PM | MMDadoda | 4/18/2025 10:45:15 PM | Peak Integrated by Software incorrectly |
| VSTDICCC001 | VL042351.D | 1,3-Butadiene           | SAM | 4/18/2025 4:19:17 PM | MMDadoda | 4/18/2025 10:45:15 PM | Peak Integrated by Software incorrectly |
| VSTDICCC001 | VL042351.D | 1,4-Dioxane             | SAM | 4/18/2025 4:19:17 PM | MMDadoda | 4/18/2025 10:45:15 PM | Peak Integrated by Software incorrectly |
| VSTDICCC001 | VL042351.D | 2,2,4-Trimethylpentane  | SAM | 4/18/2025 4:19:17 PM | MMDadoda | 4/18/2025 10:45:15 PM | Peak Integrated by Software incorrectly |

|           |            |                         |     |                         |          |                          |                                         |
|-----------|------------|-------------------------|-----|-------------------------|----------|--------------------------|-----------------------------------------|
| VSTDIC001 | VL042351.D | cis-1,3-Dichloropropene | SAM | 4/18/2025<br>4:19:17 PM | MMDadoda | 4/18/2025<br>10:45:15 PM | Peak Integrated by Software incorrectly |
| VSTDIC001 | VL042351.D | Cyclohexane             | SAM | 4/18/2025<br>4:19:17 PM | MMDadoda | 4/18/2025<br>10:45:15 PM | Peak Integrated by Software incorrectly |
| VSTDIC001 | VL042351.D | Ethanol                 | SAM | 4/18/2025<br>4:19:17 PM | MMDadoda | 4/18/2025<br>10:45:15 PM | Peak Integrated by Software incorrectly |
| VSTDIC001 | VL042351.D | Heptane                 | SAM | 4/18/2025<br>4:19:17 PM | MMDadoda | 4/18/2025<br>10:45:15 PM | Peak Integrated by Software incorrectly |
| VSTDIC001 | VL042351.D | m/p-Xylene              | SAM | 4/18/2025<br>4:19:17 PM | MMDadoda | 4/18/2025<br>10:45:15 PM | Peak Integrated by Software incorrectly |
| VSTDIC001 | VL042351.D | Methyl Methacrylate     | SAM | 4/18/2025<br>4:19:17 PM | MMDadoda | 4/18/2025<br>10:45:15 PM | Peak Integrated by Software incorrectly |
| VSTDIC001 | VL042351.D | t-1,3-Dichloropropene   | SAM | 4/18/2025<br>4:19:17 PM | MMDadoda | 4/18/2025<br>10:45:15 PM | Peak Integrated by Software incorrectly |
| VSTDIC0.5 | VL042352.D | 1,1,2-Trichloroethane   | SAM | 4/18/2025<br>4:20:33 PM | MMDadoda | 4/18/2025<br>10:45:07 PM | Peak Integrated by Software incorrectly |
| VSTDIC0.5 | VL042352.D | 1,2-Dichloropropane     | SAM | 4/18/2025<br>4:20:33 PM | MMDadoda | 4/18/2025<br>10:45:07 PM | Peak Integrated by Software incorrectly |
| VSTDIC0.5 | VL042352.D | 1,4-Dioxane             | SAM | 4/18/2025<br>4:20:33 PM | MMDadoda | 4/18/2025<br>10:45:07 PM | Peak Integrated by Software incorrectly |
| VSTDIC0.5 | VL042352.D | 4-Methyl-2-Pentanone    | SAM | 4/18/2025<br>4:20:33 PM | MMDadoda | 4/18/2025<br>10:45:07 PM | Peak Integrated by Software incorrectly |
| VSTDIC0.5 | VL042352.D | Chlorobenzene           | SAM | 4/18/2025<br>4:20:33 PM | MMDadoda | 4/18/2025<br>10:45:07 PM | Peak Integrated by Software incorrectly |
| VSTDIC0.5 | VL042352.D | cis-1,3-Dichloropropene | SAM | 4/18/2025<br>4:20:33 PM | MMDadoda | 4/18/2025<br>10:45:07 PM | Peak Integrated by Software incorrectly |
| VSTDIC0.5 | VL042352.D | Ethanol                 | SAM | 4/18/2025<br>4:20:33    | MMDadoda | 4/18/2025<br>10:45:07    | Peak Integrated                         |

|             |            |                           |     |                         |          |                          |                                         |
|-------------|------------|---------------------------|-----|-------------------------|----------|--------------------------|-----------------------------------------|
|             |            |                           |     | PM                      |          | PM                       | by Software incorrectly                 |
| VSTDICC0.5  | VL042352.D | Heptane                   | SAM | 4/18/2025<br>4:20:33 PM | MMDadoda | 4/18/2025<br>10:45:07 PM | Peak Integrated by Software incorrectly |
| VSTDICC0.5  | VL042352.D | m/p-Xylene                | SAM | 4/18/2025<br>4:20:33 PM | MMDadoda | 4/18/2025<br>10:45:07 PM | Peak Integrated by Software incorrectly |
| VSTDICC0.5  | VL042352.D | Methyl Methacrylate       | SAM | 4/18/2025<br>4:20:33 PM | MMDadoda | 4/18/2025<br>10:45:07 PM | Peak Integrated by Software incorrectly |
| VSTDICC0.5  | VL042352.D | t-1,3-Dichloropropene     | SAM | 4/18/2025<br>4:20:33 PM | MMDadoda | 4/18/2025<br>10:45:07 PM | Peak Integrated by Software incorrectly |
| VSTDICC0.5  | VL042352.D | Tetrahydrofuran           | SAM | 4/18/2025<br>4:20:33 PM | MMDadoda | 4/18/2025<br>10:45:07 PM | Peak Integrated by Software incorrectly |
| VSTDICC0.1  | VL042353.D | 1,1,1-Trichloroethane     | SAM | 4/18/2025<br>4:20:37 PM | MMDadoda | 4/18/2025<br>10:45:04 PM | Peak Integrated by Software incorrectly |
| VSTDICC0.1  | VL042353.D | 1,1,2,2-Tetrachloroethane | SAM | 4/18/2025<br>4:20:37 PM | MMDadoda | 4/18/2025<br>10:45:04 PM | Peak Integrated by Software incorrectly |
| VSTDICC0.1  | VL042353.D | 1,2-Dibromoethane         | SAM | 4/18/2025<br>4:20:37 PM | MMDadoda | 4/18/2025<br>10:45:04 PM | Peak Integrated by Software incorrectly |
| VSTDICC0.1  | VL042353.D | Tetrachloroethene         | SAM | 4/18/2025<br>4:20:37 PM | MMDadoda | 4/18/2025<br>10:45:04 PM | Peak Integrated by Software incorrectly |
| VSTDICC0.1  | VL042353.D | Trichloroethene           | SAM | 4/18/2025<br>4:20:37 PM | MMDadoda | 4/18/2025<br>10:45:04 PM | Peak Integrated by Software incorrectly |
| VSTDICC0.03 | VL042354.D | 1,1,1-Trichloroethane     | SAM | 4/18/2025<br>4:19:24 PM | MMDadoda | 4/18/2025<br>10:45:02 PM | Peak Integrated by Software incorrectly |
| VSTDICC0.03 | VL042354.D | 1,1,2,2-Tetrachloroethane | SAM | 4/18/2025<br>4:19:24 PM | MMDadoda | 4/18/2025<br>10:45:02 PM | Peak Integrated by Software incorrectly |
| VSTDICC0.03 | VL042354.D | Carbon Tetrachloride      | SAM | 4/18/2025<br>4:19:24 PM | MMDadoda | 4/18/2025<br>10:45:02 PM | Peak Integrated by Software incorrectly |

|             |            |                   |     |                         |          |                          |                                         |
|-------------|------------|-------------------|-----|-------------------------|----------|--------------------------|-----------------------------------------|
| VSTDICC0.03 | VL042354.D | Tetrachloroethene | SAM | 4/18/2025<br>4:19:24 PM | MMDadoda | 4/18/2025<br>10:45:02 PM | Peak Integrated by Software incorrectly |
| VSTDICC0.03 | VL042354.D | Trichloroethene   | SAM | 4/18/2025<br>4:19:24 PM | MMDadoda | 4/18/2025<br>10:45:02 PM | Peak Integrated by Software incorrectly |
| VSTDICC015  | VL042355.D | m/p-Xylene        | SAM | 4/18/2025<br>4:21:35 PM | MMDadoda | 4/18/2025<br>10:44:59 PM | Peak Integrated by Software incorrectly |
| VSTDICV010  | VL042356.D | m/p-Xylene        | SAM | 4/18/2025<br>4:20:42 PM | MMDadoda | 4/18/2025<br>10:44:57 PM | Peak Integrated by Software incorrectly |

### Manual Integration Report

|          |          |            |         |
|----------|----------|------------|---------|
| Sequence | vl042925 | Instrument | MSVOA_I |
|----------|----------|------------|---------|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|-----------|---------|-----------|-----------|-----------|---------------|---------------|--------|
|-----------|---------|-----------|-----------|-----------|---------------|---------------|--------|

|             |            |                       |     |                         |          |                         |                                         |
|-------------|------------|-----------------------|-----|-------------------------|----------|-------------------------|-----------------------------------------|
| VSTDCCC010  | VL042436.D | 1,1,2-Trichloroethane | SAM | 4/30/2025<br>7:49:08 AM | MMDadoda | 4/30/2025<br>2:26:33 PM | Peak Integrated by Software incorrectly |
| VSTDCCC010  | VL042436.D | m/p-Xylene            | SAM | 4/30/2025<br>7:49:08 AM | MMDadoda | 4/30/2025<br>2:26:33 PM | Peak Integrated by Software incorrectly |
| VL0429ABS01 | VL042438.D | m/p-Xylene            | SAM | 4/30/2025<br>7:49:14 AM | MMDadoda | 4/30/2025<br>2:26:38 PM | Peak Integrated by Software incorrectly |
| VL0429ABS01 | VL042438.D | Methyl Methacrylate   | SAM | 4/30/2025<br>7:49:14 AM | MMDadoda | 4/30/2025<br>2:26:38 PM | Peak Integrated by Software incorrectly |
| Q1908-01    | VL042443.D | Chlorodifluoromethane | SAM | 4/30/2025<br>7:51:56 AM | MMDadoda | 4/30/2025<br>2:27:05 PM | Peak Integrated by Software incorrectly |

|             |            |                       |     |                      |          |                      |                                         |
|-------------|------------|-----------------------|-----|----------------------|----------|----------------------|-----------------------------------------|
|             |            |                       |     |                      |          |                      | y                                       |
| Q1908-01    | VL042443.D | Hexane                | SAM | 4/30/2025 7:51:56 AM | MMDadoda | 4/30/2025 2:27:05 PM | Peak Integrated by Software incorrectly |
| Q1908-01    | VL042443.D | Tetrachloroethene     | SAM | 4/30/2025 7:51:56 AM | MMDadoda | 4/30/2025 2:27:05 PM | Peak Integrated by Software incorrectly |
| Q1908-01    | VL042443.D | Toluene               | SAM | 4/30/2025 7:51:56 AM | MMDadoda | 4/30/2025 2:27:05 PM | Peak Integrated by Software incorrectly |
| Q1908-03    | VL042445.D | Carbon Tetrachloride  | SAM | 4/30/2025 7:51:26 AM | MMDadoda | 4/30/2025 2:27:19 PM | Peak Integrated by Software incorrectly |
| Q1908-03    | VL042445.D | Chlorodifluoromethane | SAM | 4/30/2025 7:51:26 AM | MMDadoda | 4/30/2025 2:27:19 PM | Peak Integrated by Software incorrectly |
| Q1908-03    | VL042445.D | Isopropyl Alcohol     | SAM | 4/30/2025 7:51:26 AM | MMDadoda | 4/30/2025 2:27:19 PM | Peak Integrated by Software incorrectly |
| Q1908-01DUP | VL042454.D | Carbon Tetrachloride  | SAM | 4/30/2025 7:53:16 AM | MMDadoda | 4/30/2025 2:27:58 PM | Peak Integrated by Software incorrectly |
| Q1908-01DUP | VL042454.D | Chlorodifluoromethane | SAM | 4/30/2025 7:53:16 AM | MMDadoda | 4/30/2025 2:27:58 PM | Peak Integrated by Software incorrectly |
| Q1908-01DUP | VL042454.D | Tetrachloroethene     | SAM | 4/30/2025 7:53:16 AM | MMDadoda | 4/30/2025 2:27:58 PM | Peak Integrated by Software incorrectly |
| Q1908-      | VL042454.  | Toluene               | SA  | 4/30/202             | MMDadod  | 4/30/202             | Peak                                    |

|             |            |                        |     |                      |          |                      |                                         |
|-------------|------------|------------------------|-----|----------------------|----------|----------------------|-----------------------------------------|
| 01DUP       | D          |                        | M   | 5 7:53:16 AM         | a        | 5 2:27:58 PM         | Integrated by Software incorrectly      |
| Q1908-01DUP | VL042454.D | Trichlorofluoromethane | SAM | 4/30/2025 7:53:16 AM | MMDadoda | 4/30/2025 2:27:58 PM | Peak Integrated by Software incorrectly |
| Q1908-02    | VL042456.D | Carbon Tetrachloride   | SAM | 4/30/2025 7:49:27 AM | MMDadoda | 4/30/2025 2:28:06 PM | Peak Integrated by Software incorrectly |
| Q1908-02    | VL042456.D | Chlorodifluoromethane  | SAM | 4/30/2025 7:49:27 AM | MMDadoda | 4/30/2025 2:28:06 PM | Peak Integrated by Software incorrectly |

#### F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “Results Qualifiers” are used:

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Value | If the result is a value greater than or equal to the detection limit, report the value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| U     | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.                                                                                                                                                                                                                                                                                      |
| ND    | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| J     | Indicates an estimated value. This flag is used: <ol style="list-style-type: none"> <li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li> <li>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.</li> </ol> |
| B     | Indicates the analyte was found in the blank as well as the sample report as “12 B”.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| E     | Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| D     | This flag identifies all compounds identified in an analysis at a secondary dilution factor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| P     | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.                                                                                                                                                                                                                                                                                                                                                                             |
| N     | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.                                                                                                                                                                                                                                                                       |
| A     | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Q     | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q1908

Completed

For thorough review, the report must have the following:

#### GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

#### COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

#### CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 05/09/2025

## LAB CHRONICLE

|                 |                        |                   |                       |
|-----------------|------------------------|-------------------|-----------------------|
| <b>OrderID:</b> | Q1908                  | <b>OrderDate:</b> | 4/29/2025 10:26:04 AM |
| <b>Client:</b>  | RMJ Environomics, Inc. | <b>Project:</b>   | 32 Park St Orange NJ  |
| <b>Contact:</b> | Jonathan Pereira       | <b>Location:</b>  | L51                   |

| LabID           | ClientID   | Matrix     | Test  | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|------------|------------|-------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1908-01</b> | <b>B-1</b> | <b>Air</b> | TO-15 | TO-15  | <b>04/28/25</b> |           | 04/29/25  | <b>04/28/25</b> |
| <b>Q1908-02</b> | <b>B-2</b> | <b>Air</b> | TO-15 | TO-15  | <b>04/28/25</b> |           | 04/29/25  | <b>04/28/25</b> |
| <b>Q1908-03</b> | <b>B-3</b> | <b>Air</b> | TO-15 | TO-15  | <b>04/28/25</b> |           | 04/29/25  | <b>04/28/25</b> |

### Hit Summary Sheet SW-846

**SDG No.:** Q1908  
**Client:** RMJ Environomics, Inc.

| Sample ID         | Client ID  | Matrix | Parameter                   | Concentration | C | MDL   | RDL  | Units |
|-------------------|------------|--------|-----------------------------|---------------|---|-------|------|-------|
| <b>Client ID:</b> | <b>B-1</b> |        |                             |               |   |       |      |       |
| Q1908-01          | B-1        | Air    | Dichlorodifluoromethane     | 2.42          | J | 1.04  | 2.47 | ug/m3 |
| Q1908-01          | B-1        | Air    | Chloromethane               | 0.85          | J | 0.21  | 1.03 | ug/m3 |
| Q1908-01          | B-1        | Air    | Trichlorofluoromethane      | 1.18          | J | 0.90  | 2.81 | ug/m3 |
| Q1908-01          | B-1        | Air    | Acetone                     | 26.1          |   | 0.57  | 1.19 | ug/m3 |
| Q1908-01          | B-1        | Air    | Methylene Chloride          | 1.88          |   | 0.66  | 1.74 | ug/m3 |
| Q1908-01          | B-1        | Air    | 2-Butanone                  | 7.08          |   | 0.35  | 1.47 | ug/m3 |
| Q1908-01          | B-1        | Air    | Carbon Tetrachloride        | 0.38          |   | 0.060 | 0.19 | ug/m3 |
| Q1908-01          | B-1        | Air    | Toluene                     | 0.57          | J | 0.41  | 1.88 | ug/m3 |
| Q1908-01          | B-1        | Air    | Tetrachloroethene           | 0.34          |   | 0.14  | 0.20 | ug/m3 |
| Q1908-01          | B-1        | Air    | 1,2,4-Trimethylbenzene      | 0.64          | J | 0.39  | 2.46 | ug/m3 |
| Q1908-01          | B-1        | Air    | Hexane                      | 1.16          | J | 0.39  | 1.76 | ug/m3 |
|                   |            |        | <b>Total Voc :</b>          | <b>42.6</b>   |   |       |      |       |
|                   |            |        | <b>Total Concentration:</b> | <b>42.6</b>   |   |       |      |       |
| <b>Client ID:</b> | <b>B-2</b> |        |                             |               |   |       |      |       |
| Q1908-02          | B-2        | Air    | Dichlorodifluoromethane     | 2.42          | J | 1.04  | 2.47 | ug/m3 |
| Q1908-02          | B-2        | Air    | Chloromethane               | 0.99          | J | 0.21  | 1.03 | ug/m3 |
| Q1908-02          | B-2        | Air    | Trichlorofluoromethane      | 1.40          | J | 0.90  | 2.81 | ug/m3 |
| Q1908-02          | B-2        | Air    | Acetone                     | 7.36          |   | 0.57  | 1.19 | ug/m3 |
| Q1908-02          | B-2        | Air    | Methylene Chloride          | 28.1          |   | 0.66  | 1.74 | ug/m3 |
| Q1908-02          | B-2        | Air    | 2-Butanone                  | 0.59          | J | 0.35  | 1.47 | ug/m3 |
| Q1908-02          | B-2        | Air    | Carbon Tetrachloride        | 0.44          |   | 0.060 | 0.19 | ug/m3 |
| Q1908-02          | B-2        | Air    | Hexane                      | 5.64          |   | 0.39  | 1.76 | ug/m3 |
|                   |            |        | <b>Total Voc :</b>          | <b>47.0</b>   |   |       |      |       |
|                   |            |        | <b>Total Concentration:</b> | <b>47.0</b>   |   |       |      |       |
| <b>Client ID:</b> | <b>B-3</b> |        |                             |               |   |       |      |       |
| Q1908-03          | B-3        | Air    | Dichlorodifluoromethane     | 2.42          | J | 1.04  | 2.47 | ug/m3 |
| Q1908-03          | B-3        | Air    | Chloromethane               | 0.97          | J | 0.21  | 1.03 | ug/m3 |
| Q1908-03          | B-3        | Air    | Trichlorofluoromethane      | 1.29          | J | 0.90  | 2.81 | ug/m3 |
| Q1908-03          | B-3        | Air    | Acetone                     | 8.31          |   | 0.57  | 1.19 | ug/m3 |
| Q1908-03          | B-3        | Air    | Methylene Chloride          | 1.32          | J | 0.66  | 1.74 | ug/m3 |
| Q1908-03          | B-3        | Air    | 2-Butanone                  | 1.53          |   | 0.35  | 1.47 | ug/m3 |
| Q1908-03          | B-3        | Air    | Carbon Tetrachloride        | 0.44          |   | 0.060 | 0.19 | ug/m3 |
| Q1908-03          | B-3        | Air    | Toluene                     | 0.57          | J | 0.41  | 1.88 | ug/m3 |
| Q1908-03          | B-3        | Air    | Hexane                      | 6.34          |   | 0.39  | 1.76 | ug/m3 |
|                   |            |        | <b>Total Voc :</b>          | <b>23.2</b>   |   |       |      |       |
|                   |            |        | <b>Total Concentration:</b> | <b>23.2</b>   |   |       |      |       |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q1908

**Client:** RMJ Environomics, Inc.

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|

A

B

C

D

E

F

G

H

I

**Project :** 32 Park St Orange NJ

**Sampling Date :** 04/28/25

**Field Id Number :** B-1

**Analysis Date :** 04/29/25

**Laboratory Id Number :** Q1908-01

**Target Analyts :** Air Results

| Chemical                       | Cas Number | Molecular Weight | Insert Results in PPBV | Qualifier | Generate Results in ug/m3 | QAS Decision | Foot Notes |
|--------------------------------|------------|------------------|------------------------|-----------|---------------------------|--------------|------------|
| Dichlorodifluoromethane        | 75-71-8    | 120.9            | 0.49                   | J         | 2.42                      |              |            |
| Chloromethane                  | 74-87-3    | 50.49            | 0.41                   | J         | 0.85                      |              |            |
| Vinyl Chloride                 | 75-01-4    | 62.5             | 0.01                   | U         | 0.03                      |              |            |
| Bromomethane                   | 74-83-9    | 94.94            | 0.14                   | U         | 0.54                      |              |            |
| Chloroethane                   | 75-00-3    | 64.52            | 0.17                   | U         | 0.45                      |              |            |
| Tetrahydrofuran                | 109-99-9   | 72.11            | 0.13                   | U         | 0.38                      |              |            |
| Trichlorofluoromethane         | 75-69-4    | 137.4            | 0.21                   | J         | 1.18                      |              |            |
| Dichlorotetrafluoroethane      | 76-14-2    | 170.9            | 0.09                   | U         | 0.63                      |              |            |
| 1,1,2-Trichlorotrifluoroethane | 76-13-1    | 187.4            | 0.16                   | U         | 1.23                      |              |            |
| tert-Butyl alcohol             | 75-65-0    | 74.12            | 0.19                   | U         | 0.58                      |              |            |
| Heptane                        | 142-82-5   | 100.2            | 0.11                   | U         | 0.45                      |              |            |
| 1,1-Dichloroethene             | 75-35-4    | 96.94            | 0.14                   | U         | 0.56                      |              |            |
| Acetone                        | 67-64-1    | 58.08            | 11                     |           | 26.1                      |              |            |
| Carbon Disulfide               | 75-15-0    | 76.14            | 0.16                   | U         | 0.5                       |              |            |
| Methyl tert-Butyl Ether        | 1634-04-4  | 88.15            | 0.12                   | U         | 0.43                      |              |            |
| Methylene Chloride             | 75-09-2    | 84.94            | 0.54                   |           | 1.88                      |              |            |
| trans-1,2-Dichloroethene       | 156-60-5   | 96.94            | 0.19                   | U         | 0.75                      |              |            |
| 1,1-Dichloroethane             | 75-34-3    | 98.96            | 0.13                   | U         | 0.53                      |              |            |
| Cyclohexane                    | 110-82-7   | 84.16            | 0.22                   | U         | 0.76                      |              |            |
| 2-Butanone                     | 78-93-3    | 72.11            | 2.4                    |           | 7.08                      |              |            |
| Carbon Tetrachloride           | 56-23-5    | 153.8            | 0.06                   |           | 0.38                      |              |            |
| cis-1,2-Dichloroethene         | 156-59-2   | 96.94            | 0.09                   | U         | 0.36                      |              |            |
| Chloroform                     | 67-66-3    | 119.4            | 0.08                   | U         | 0.39                      |              |            |
| 1,1,1-Trichloroethane          | 71-55-6    | 133.4            | 0.01                   | U         | 0.05                      |              |            |
| 2,2,4-Trimethylpentane         | 540-84-1   | 114.2            | 0.1                    | U         | 0.47                      |              |            |
| Benzene                        | 71-43-2    | 78.11            | 0.09                   | U         | 0.29                      |              |            |
| 1,2-Dichloroethane             | 107-06-2   | 98.96            | 0.09                   | U         | 0.36                      |              |            |
| Trichloroethene                | 79-01-6    | 131.4            | 0.02                   | U         | 0.11                      |              |            |
| 1,2-Dichloropropane            | 78-87-5    | 113              | 0.11                   | U         | 0.51                      |              |            |
| Bromodichloromethane           | 75-27-4    | 163.8            | 0.08                   | U         | 0.54                      |              |            |
| 4-Methyl-2-Pentanone           | 108-10-1   | 100.2            | 0.09                   | U         | 0.37                      |              |            |
| Toluene                        | 108-88-3   | 92.14            | 0.15                   | J         | 0.57                      |              |            |
| t-1,3-Dichloropropene          | 10061-02-6 | 111              | 0.06                   | U         | 0.27                      |              |            |
| cis-1,3-Dichloropropene        | 10061-01-5 | 111              | 0.06                   | U         | 0.27                      |              |            |
| 1,1,2-Trichloroethane          | 79-00-5    | 133.4            | 0.07                   | U         | 0.38                      |              |            |

**Project :** 32 Park St Orange NJ

**Sampling Date :** 04/28/25

**Field Id Number :** B-1

**Analysis Date :** 04/29/25

**Laboratory Id Number :** Q1908-01

**Target Analyts :** Air Results

|                           |             |         |      |   |      |  |  |
|---------------------------|-------------|---------|------|---|------|--|--|
| Dibromochloromethane      | 124-48-1    | 208.3   | 0.07 | U | 0.6  |  |  |
| 1,2-Dibromoethane         | 106-93-4    | 187.9   | 0.07 | U | 0.54 |  |  |
| Tetrachloroethene         | 127-18-4    | 165.8   | 0.05 |   | 0.34 |  |  |
| Chlorobenzene             | 108-90-7    | 112.6   | 0.08 | U | 0.37 |  |  |
| Ethyl Benzene             | 100-41-4    | 106.2   | 0.12 | U | 0.52 |  |  |
| m/p-Xylene                | 179601-23-1 | 106.2   | 0.21 | U | 0.91 |  |  |
| o-Xylene                  | 95-47-6     | 106.2   | 0.12 | U | 0.52 |  |  |
| Styrene                   | 100-42-5    | 104.1   | 0.11 | U | 0.47 |  |  |
| Bromoform                 | 75-25-2     | 252.8   | 0.06 | U | 0.62 |  |  |
| 1,1,2,2-Tetrachloroethane | 79-34-5     | 167.9   | 0.01 | U | 0.07 |  |  |
| 2-Chlorotoluene           | 95-49-8     | 126.6   | 0.11 | U | 0.57 |  |  |
| 1,3,5-Trimethylbenzene    | 108-67-8    | 120.2   | 0.11 | U | 0.54 |  |  |
| 1,2,4-Trimethylbenzene    | 95-63-6     | 120.2   | 0.13 | J | 0.64 |  |  |
| 1,3-Dichlorobenzene       | 541-73-1    | 147     | 0.08 | U | 0.48 |  |  |
| 1,4-Dichlorobenzene       | 106-46-7    | 147     | 0.05 | U | 0.3  |  |  |
| 1,2-Dichlorobenzene       | 95-50-1     | 147     | 0.08 | U | 0.48 |  |  |
| 1,2,4-Trichlorobenzene    | 120-82-1    | 181.5   | 0.09 | U | 0.67 |  |  |
| Hexachloro-1,3-Butadiene  | 87-68-3     | 260.8   | 0.09 | U | 0.96 |  |  |
| Naphthalene               | 91-20-3     | 128.17  | 0.08 | U | 0.42 |  |  |
| 1,3-Butadiene             | 106-99-0    | 54.09   | 0.13 | U | 0.29 |  |  |
| 4-Ethyltoluene            | 622-96-8    | 120.2   | 0.12 | U | 0.59 |  |  |
| Hexane                    | 110-54-3    | 86.17   | 0.33 | J | 1.16 |  |  |
| Allyl Chloride            | 107-05-1    | 76.53   | 0.15 | U | 0.47 |  |  |
| 1,4-Dioxane               | 123-91-1    | 88.12   | 0.21 | U | 0.76 |  |  |
| Methyl Methacrylate       | 80-62-6     | 100.117 | 0.09 | U | 0.37 |  |  |

**Project :** 32 Park St Orange NJ

**Sampling Date :** 04/28/25

**Field Id Number :** B-2

**Analysis Date :** 04/29/25

**Laboratory Id Number :** Q1908-02

**Target Analyts :** Air Results

| Chemical                       | Cas Number | Molecular Weight | Insert Results in PPBV | Qualifier | Generate Results in ug/m3 | QAS Decision | Foot Notes |
|--------------------------------|------------|------------------|------------------------|-----------|---------------------------|--------------|------------|
| Dichlorodifluoromethane        | 75-71-8    | 120.9            | 0.49                   | J         | 2.42                      |              |            |
| Chloromethane                  | 74-87-3    | 50.49            | 0.48                   | J         | 0.99                      |              |            |
| Vinyl Chloride                 | 75-01-4    | 62.5             | 0.01                   | U         | 0.03                      |              |            |
| Bromomethane                   | 74-83-9    | 94.94            | 0.14                   | U         | 0.54                      |              |            |
| Chloroethane                   | 75-00-3    | 64.52            | 0.17                   | U         | 0.45                      |              |            |
| Tetrahydrofuran                | 109-99-9   | 72.11            | 0.13                   | U         | 0.38                      |              |            |
| Trichlorofluoromethane         | 75-69-4    | 137.4            | 0.25                   | J         | 1.4                       |              |            |
| Dichlorotetrafluoroethane      | 76-14-2    | 170.9            | 0.09                   | U         | 0.63                      |              |            |
| 1,1,2-Trichlorotrifluoroethane | 76-13-1    | 187.4            | 0.16                   | U         | 1.23                      |              |            |
| tert-Butyl alcohol             | 75-65-0    | 74.12            | 0.19                   | U         | 0.58                      |              |            |
| Heptane                        | 142-82-5   | 100.2            | 0.11                   | U         | 0.45                      |              |            |
| 1,1-Dichloroethene             | 75-35-4    | 96.94            | 0.14                   | U         | 0.56                      |              |            |
| Acetone                        | 67-64-1    | 58.08            | 3.1                    |           | 7.36                      |              |            |
| Carbon Disulfide               | 75-15-0    | 76.14            | 0.16                   | U         | 0.5                       |              |            |
| Methyl tert-Butyl Ether        | 1634-04-4  | 88.15            | 0.12                   | U         | 0.43                      |              |            |
| Methylene Chloride             | 75-09-2    | 84.94            | 8.1                    |           | 28.1                      |              |            |
| trans-1,2-Dichloroethene       | 156-60-5   | 96.94            | 0.19                   | U         | 0.75                      |              |            |
| 1,1-Dichloroethane             | 75-34-3    | 98.96            | 0.13                   | U         | 0.53                      |              |            |
| Cyclohexane                    | 110-82-7   | 84.16            | 0.22                   | U         | 0.76                      |              |            |
| 2-Butanone                     | 78-93-3    | 72.11            | 0.2                    | J         | 0.59                      |              |            |
| Carbon Tetrachloride           | 56-23-5    | 153.8            | 0.07                   |           | 0.44                      |              |            |
| cis-1,2-Dichloroethene         | 156-59-2   | 96.94            | 0.09                   | U         | 0.36                      |              |            |
| Chloroform                     | 67-66-3    | 119.4            | 0.08                   | U         | 0.39                      |              |            |
| 1,1,1-Trichloroethane          | 71-55-6    | 133.4            | 0.01                   | U         | 0.05                      |              |            |
| 2,2,4-Trimethylpentane         | 540-84-1   | 114.2            | 0.1                    | U         | 0.47                      |              |            |
| Benzene                        | 71-43-2    | 78.11            | 0.09                   | U         | 0.29                      |              |            |
| 1,2-Dichloroethane             | 107-06-2   | 98.96            | 0.09                   | U         | 0.36                      |              |            |
| Trichloroethene                | 79-01-6    | 131.4            | 0.02                   | U         | 0.11                      |              |            |
| 1,2-Dichloropropane            | 78-87-5    | 113              | 0.11                   | U         | 0.51                      |              |            |
| Bromodichloromethane           | 75-27-4    | 163.8            | 0.08                   | U         | 0.54                      |              |            |
| 4-Methyl-2-Pentanone           | 108-10-1   | 100.2            | 0.09                   | U         | 0.37                      |              |            |
| Toluene                        | 108-88-3   | 92.14            | 0.11                   | U         | 0.41                      |              |            |
| t-1,3-Dichloropropene          | 10061-02-6 | 111              | 0.06                   | U         | 0.27                      |              |            |
| cis-1,3-Dichloropropene        | 10061-01-5 | 111              | 0.06                   | U         | 0.27                      |              |            |
| 1,1,2-Trichloroethane          | 79-00-5    | 133.4            | 0.07                   | U         | 0.38                      |              |            |

**Project :** 32 Park St Orange NJ

**Sampling Date :** 04/28/25

**Field Id Number :** B-2

**Analysis Date :** 04/29/25

**Laboratory Id Number :** Q1908-02

**Target Analyts :** Air Results

|                           |             |         |      |   |      |  |  |
|---------------------------|-------------|---------|------|---|------|--|--|
| Dibromochloromethane      | 124-48-1    | 208.3   | 0.07 | U | 0.6  |  |  |
| 1,2-Dibromoethane         | 106-93-4    | 187.9   | 0.07 | U | 0.54 |  |  |
| Tetrachloroethene         | 127-18-4    | 165.8   | 0.02 | U | 0.14 |  |  |
| Chlorobenzene             | 108-90-7    | 112.6   | 0.08 | U | 0.37 |  |  |
| Ethyl Benzene             | 100-41-4    | 106.2   | 0.12 | U | 0.52 |  |  |
| m/p-Xylene                | 179601-23-1 | 106.2   | 0.21 | U | 0.91 |  |  |
| o-Xylene                  | 95-47-6     | 106.2   | 0.12 | U | 0.52 |  |  |
| Styrene                   | 100-42-5    | 104.1   | 0.11 | U | 0.47 |  |  |
| Bromoform                 | 75-25-2     | 252.8   | 0.06 | U | 0.62 |  |  |
| 1,1,2,2-Tetrachloroethane | 79-34-5     | 167.9   | 0.01 | U | 0.07 |  |  |
| 2-Chlorotoluene           | 95-49-8     | 126.6   | 0.11 | U | 0.57 |  |  |
| 1,3,5-Trimethylbenzene    | 108-67-8    | 120.2   | 0.11 | U | 0.54 |  |  |
| 1,2,4-Trimethylbenzene    | 95-63-6     | 120.2   | 0.08 | U | 0.39 |  |  |
| 1,3-Dichlorobenzene       | 541-73-1    | 147     | 0.08 | U | 0.48 |  |  |
| 1,4-Dichlorobenzene       | 106-46-7    | 147     | 0.05 | U | 0.3  |  |  |
| 1,2-Dichlorobenzene       | 95-50-1     | 147     | 0.08 | U | 0.48 |  |  |
| 1,2,4-Trichlorobenzene    | 120-82-1    | 181.5   | 0.09 | U | 0.67 |  |  |
| Hexachloro-1,3-Butadiene  | 87-68-3     | 260.8   | 0.09 | U | 0.96 |  |  |
| Naphthalene               | 91-20-3     | 128.17  | 0.08 | U | 0.42 |  |  |
| 1,3-Butadiene             | 106-99-0    | 54.09   | 0.13 | U | 0.29 |  |  |
| 4-Ethyltoluene            | 622-96-8    | 120.2   | 0.12 | U | 0.59 |  |  |
| Hexane                    | 110-54-3    | 86.17   | 1.6  |   | 5.64 |  |  |
| Allyl Chloride            | 107-05-1    | 76.53   | 0.15 | U | 0.47 |  |  |
| 1,4-Dioxane               | 123-91-1    | 88.12   | 0.21 | U | 0.76 |  |  |
| Methyl Methacrylate       | 80-62-6     | 100.117 | 0.09 | U | 0.37 |  |  |

**Project :** 32 Park St Orange NJ

**Sampling Date :** 04/28/25

**Field Id Number :** B-3

**Analysis Date :** 04/29/25

**Laboratory Id Number :** Q1908-03

**Target Analyts :** Air Results

| Chemical                       | Cas Number | Molecular Weight | Insert Results in PPBV | Qualifier | Generate Results in ug/m3 | QAS Decision | Foot Notes |
|--------------------------------|------------|------------------|------------------------|-----------|---------------------------|--------------|------------|
| Dichlorodifluoromethane        | 75-71-8    | 120.9            | 0.49                   | J         | 2.42                      |              |            |
| Chloromethane                  | 74-87-3    | 50.49            | 0.47                   | J         | 0.97                      |              |            |
| Vinyl Chloride                 | 75-01-4    | 62.5             | 0.01                   | U         | 0.03                      |              |            |
| Bromomethane                   | 74-83-9    | 94.94            | 0.14                   | U         | 0.54                      |              |            |
| Chloroethane                   | 75-00-3    | 64.52            | 0.17                   | U         | 0.45                      |              |            |
| Tetrahydrofuran                | 109-99-9   | 72.11            | 0.13                   | U         | 0.38                      |              |            |
| Trichlorofluoromethane         | 75-69-4    | 137.4            | 0.23                   | J         | 1.29                      |              |            |
| Dichlorotetrafluoroethane      | 76-14-2    | 170.9            | 0.09                   | U         | 0.63                      |              |            |
| 1,1,2-Trichlorotrifluoroethane | 76-13-1    | 187.4            | 0.16                   | U         | 1.23                      |              |            |
| tert-Butyl alcohol             | 75-65-0    | 74.12            | 0.19                   | U         | 0.58                      |              |            |
| Heptane                        | 142-82-5   | 100.2            | 0.11                   | U         | 0.45                      |              |            |
| 1,1-Dichloroethene             | 75-35-4    | 96.94            | 0.14                   | U         | 0.56                      |              |            |
| Acetone                        | 67-64-1    | 58.08            | 3.5                    |           | 8.31                      |              |            |
| Carbon Disulfide               | 75-15-0    | 76.14            | 0.16                   | U         | 0.5                       |              |            |
| Methyl tert-Butyl Ether        | 1634-04-4  | 88.15            | 0.12                   | U         | 0.43                      |              |            |
| Methylene Chloride             | 75-09-2    | 84.94            | 0.38                   | J         | 1.32                      |              |            |
| trans-1,2-Dichloroethene       | 156-60-5   | 96.94            | 0.19                   | U         | 0.75                      |              |            |
| 1,1-Dichloroethane             | 75-34-3    | 98.96            | 0.13                   | U         | 0.53                      |              |            |
| Cyclohexane                    | 110-82-7   | 84.16            | 0.22                   | U         | 0.76                      |              |            |
| 2-Butanone                     | 78-93-3    | 72.11            | 0.52                   |           | 1.53                      |              |            |
| Carbon Tetrachloride           | 56-23-5    | 153.8            | 0.07                   |           | 0.44                      |              |            |
| cis-1,2-Dichloroethene         | 156-59-2   | 96.94            | 0.09                   | U         | 0.36                      |              |            |
| Chloroform                     | 67-66-3    | 119.4            | 0.08                   | U         | 0.39                      |              |            |
| 1,1,1-Trichloroethane          | 71-55-6    | 133.4            | 0.01                   | U         | 0.05                      |              |            |
| 2,2,4-Trimethylpentane         | 540-84-1   | 114.2            | 0.1                    | U         | 0.47                      |              |            |
| Benzene                        | 71-43-2    | 78.11            | 0.09                   | U         | 0.29                      |              |            |
| 1,2-Dichloroethane             | 107-06-2   | 98.96            | 0.09                   | U         | 0.36                      |              |            |
| Trichloroethene                | 79-01-6    | 131.4            | 0.02                   | U         | 0.11                      |              |            |
| 1,2-Dichloropropane            | 78-87-5    | 113              | 0.11                   | U         | 0.51                      |              |            |
| Bromodichloromethane           | 75-27-4    | 163.8            | 0.08                   | U         | 0.54                      |              |            |
| 4-Methyl-2-Pentanone           | 108-10-1   | 100.2            | 0.09                   | U         | 0.37                      |              |            |
| Toluene                        | 108-88-3   | 92.14            | 0.15                   | J         | 0.57                      |              |            |
| t-1,3-Dichloropropene          | 10061-02-6 | 111              | 0.06                   | U         | 0.27                      |              |            |
| cis-1,3-Dichloropropene        | 10061-01-5 | 111              | 0.06                   | U         | 0.27                      |              |            |
| 1,1,2-Trichloroethane          | 79-00-5    | 133.4            | 0.07                   | U         | 0.38                      |              |            |

**Project :** 32 Park St Orange NJ

**Sampling Date :** 04/28/25

**Field Id Number :** B-3

**Analysis Date :** 04/29/25

**Laboratory Id Number :** Q1908-03

**Target Analyts :** Air Results

|                           |             |         |      |   |      |  |  |
|---------------------------|-------------|---------|------|---|------|--|--|
| Dibromochloromethane      | 124-48-1    | 208.3   | 0.07 | U | 0.6  |  |  |
| 1,2-Dibromoethane         | 106-93-4    | 187.9   | 0.07 | U | 0.54 |  |  |
| Tetrachloroethene         | 127-18-4    | 165.8   | 0.02 | U | 0.14 |  |  |
| Chlorobenzene             | 108-90-7    | 112.6   | 0.08 | U | 0.37 |  |  |
| Ethyl Benzene             | 100-41-4    | 106.2   | 0.12 | U | 0.52 |  |  |
| m/p-Xylene                | 179601-23-1 | 106.2   | 0.21 | U | 0.91 |  |  |
| o-Xylene                  | 95-47-6     | 106.2   | 0.12 | U | 0.52 |  |  |
| Styrene                   | 100-42-5    | 104.1   | 0.11 | U | 0.47 |  |  |
| Bromoform                 | 75-25-2     | 252.8   | 0.06 | U | 0.62 |  |  |
| 1,1,2,2-Tetrachloroethane | 79-34-5     | 167.9   | 0.01 | U | 0.07 |  |  |
| 2-Chlorotoluene           | 95-49-8     | 126.6   | 0.11 | U | 0.57 |  |  |
| 1,3,5-Trimethylbenzene    | 108-67-8    | 120.2   | 0.11 | U | 0.54 |  |  |
| 1,2,4-Trimethylbenzene    | 95-63-6     | 120.2   | 0.08 | U | 0.39 |  |  |
| 1,3-Dichlorobenzene       | 541-73-1    | 147     | 0.08 | U | 0.48 |  |  |
| 1,4-Dichlorobenzene       | 106-46-7    | 147     | 0.05 | U | 0.3  |  |  |
| 1,2-Dichlorobenzene       | 95-50-1     | 147     | 0.08 | U | 0.48 |  |  |
| 1,2,4-Trichlorobenzene    | 120-82-1    | 181.5   | 0.09 | U | 0.67 |  |  |
| Hexachloro-1,3-Butadiene  | 87-68-3     | 260.8   | 0.09 | U | 0.96 |  |  |
| Naphthalene               | 91-20-3     | 128.17  | 0.08 | U | 0.42 |  |  |
| 1,3-Butadiene             | 106-99-0    | 54.09   | 0.13 | U | 0.29 |  |  |
| 4-Ethyltoluene            | 622-96-8    | 120.2   | 0.12 | U | 0.59 |  |  |
| Hexane                    | 110-54-3    | 86.17   | 1.8  |   | 6.34 |  |  |
| Allyl Chloride            | 107-05-1    | 76.53   | 0.15 | U | 0.47 |  |  |
| 1,4-Dioxane               | 123-91-1    | 88.12   | 0.21 | U | 0.76 |  |  |
| Methyl Methacrylate       | 80-62-6     | 100.117 | 0.09 | U | 0.37 |  |  |

| Method | Matrix | Parameter                      | Spike_Amt_<br>Added | Calculated MDL | MB Data | MB Datafile | New MDL TO<br>Be Used | MDL Unit |
|--------|--------|--------------------------------|---------------------|----------------|---------|-------------|-----------------------|----------|
| TO-15  | Air    | 1,1,1,2-Tetrachloroethane      | 0.4                 | 0.090683682    | 0       |             | 0.091                 | ppbv     |
| TO-15  | Air    | 1,1,1-Trichloroethane          | 0.03                | 0.00947589     | 0       |             | 0.0095                | ppbv     |
| TO-15  | Air    | 1,1,2,2-Tetrachloroethane      | 0.03                | 0.010183321    | 0       |             | 0.011                 | ppbv     |
| TO-15  | Air    | 1,1,2-Trichloroethane          | 0.4                 | 0.070112514    | 0       |             | 0.071                 | ppbv     |
| TO-15  | Air    | 1,1,2-Trichlorotrifluoroethane | 0.4                 | 0.155560652    | 0       |             | 0.16                  | ppbv     |
| TO-15  | Air    | 1,1-Dichloroethane             | 0.4                 | 0.122378743    | 0       |             | 0.13                  | ppbv     |
| TO-15  | Air    | 1,1-Dichloroethene             | 0.4                 | 0.139735617    | 0       |             | 0.14                  | ppbv     |
| TO-15  | Air    | 1,2,4-Trichlorobenzene         | 0.4                 | 0.084677012    | 0       |             | 0.085                 | ppbv     |
| TO-15  | Air    | 1,2,4-Trimethylbenzene         | 0.4                 | 0.077496367    | 0       |             | 0.078                 | ppbv     |
| TO-15  | Air    | 1,2-Dibromoethane              | 0.4                 | 0.071318853    | 0       |             | 0.072                 | ppbv     |
| TO-15  | Air    | 1,2-Dichlorobenzene            | 0.4                 | 0.074250332    | 0       |             | 0.075                 | ppbv     |
| TO-15  | Air    | 1,2-Dichloroethane             | 0.4                 | 0.090890005    | 0       |             | 0.091                 | ppbv     |
| TO-15  | Air    | 1,2-Dichloropropane            | 0.4                 | 0.073346868    | 0.109   | VL038919.D  | 0.11                  | ppbv     |
| TO-15  | Air    | 1,3,5-Trimethylbenzene         | 0.4                 | 0.101198372    | 0       |             | 0.11                  | ppbv     |
| TO-15  | Air    | 1,3-Butadiene                  | 0.4                 | 0.124009143    | 0       |             | 0.13                  | ppbv     |
| TO-15  | Air    | 1,3-Dichlorobenzene            | 0.4                 | 0.079013305    | 0       |             | 0.08                  | ppbv     |
| TO-15  | Air    | 1,4-Dichlorobenzene            | 0.4                 | 0.052746151    | 0       |             | 0.053                 | ppbv     |
| TO-15  | Air    | 1,4-Dioxane                    | 0.4                 | 0.202123585    | 0       |             | 0.21                  | ppbv     |
| TO-15  | Air    | 2,2,4-Trimethylpentane         | 0.4                 | 0.09988427     | 0       |             | 0.10                  | ppbv     |
| TO-15  | Air    | 2-Butanone                     | 0.4                 | 0.118687999    | 0       |             | 0.12                  | ppbv     |
| TO-15  | Air    | 2-Chlorotoluene                | 0.4                 | 0.104141644    | 0       |             | 0.11                  | ppbv     |
| TO-15  | Air    | 2-Hexanone                     | 0.4                 | 0.080656229    | 0       |             | 0.081                 | ppbv     |
| TO-15  | Air    | 4-Ethyltoluene                 | 0.4                 | 0.112037051    | 0       |             | 0.12                  | ppbv     |
| TO-15  | Air    | 4-Methyl-2-Pentanone           | 0.4                 | 0.092836933    | 0       |             | 0.093                 | ppbv     |
| TO-15  | Air    | Acetone                        | 0.4                 | 0.234416891    | 0       |             | 0.24                  | ppbv     |
| TO-15  | Air    | Allyl Chloride                 | 0.4                 | 0.145618654    | 0       |             | 0.15                  | ppbv     |
| TO-15  | Air    | Benzene                        | 0.4                 | 0.086407689    | 0       |             | 0.087                 | ppbv     |
| TO-15  | Air    | Benzyl Chloride                | 0.4                 | 0.173895169    | 0       |             | 0.18                  | ppbv     |
| TO-15  | Air    | Bromodichloromethane           | 0.4                 | 0.076780313    | 0       |             | 0.077                 | ppbv     |
| TO-15  | Air    | Bromoethene                    | 0.4                 | 0.115560124    | 0       |             | 0.12                  | ppbv     |
| TO-15  | Air    | Bromoform                      | 0.4                 | 0.056947551    | 0       |             | 0.057                 | ppbv     |
| TO-15  | Air    | Bromomethane                   | 0.4                 | 0.137678239    | 0       |             | 0.14                  | ppbv     |
| TO-15  | Air    | Carbon Disulfide               | 0.4                 | 0.157343925    | 0       |             | 0.16                  | ppbv     |
| TO-15  | Air    | Carbon Tetrachloride           | 0.03                | 0.010617308    | 0       |             | 0.011                 | ppbv     |
| TO-15  | Air    | Chlorobenzene                  | 0.4                 | 0.075202602    | 0       |             | 0.076                 | ppbv     |
| TO-15  | Air    | Chlorodifluoromethane          | 0.4                 | 0.087466815    | 0       |             | 0.088                 | ppbv     |
| TO-15  | Air    | Chloroethane                   | 0.4                 | 0.163530318    | 0       |             | 0.17                  | ppbv     |
| TO-15  | Air    | Chloroform                     | 0.4                 | 0.082232394    | 0       |             | 0.083                 | ppbv     |
| TO-15  | Air    | Chloromethane                  | 0.4                 | 0.097292998    | 0       |             | 0.098                 | ppbv     |
| TO-15  | Air    | cis-1,2-Dichloroethene         | 0.4                 | 0.088332535    | 0       |             | 0.089                 | ppbv     |
| TO-15  | Air    | cis-1,3-Dichloropropene        | 0.4                 | 0.063248763    | 0       |             | 0.064                 | ppbv     |
| TO-15  | Air    | Cyclohexane                    | 0.4                 | 0.217999816    | 0       |             | 0.22                  | ppbv     |
| TO-15  | Air    | Dibromochloromethane           | 0.4                 | 0.065703935    | 0       |             | 0.066                 | ppbv     |
| TO-15  | Air    | Dichlorodifluoromethane        | 0.4                 | 0.20957733     | 0       |             | 0.21                  | ppbv     |
| TO-15  | Air    | Dichlorotetrafluoroethane      | 0.4                 | 0.087348046    | 0       |             | 0.088                 | ppbv     |
| TO-15  | Air    | Ethyl Acetate                  | 0.4                 | 0.078161123    | 0       |             | 0.079                 | ppbv     |
| TO-15  | Air    | Ethyl Benzene                  | 0.4                 | 0.115413562    | 0       |             | 0.12                  | ppbv     |
| TO-15  | Air    | Heptane                        | 0.4                 | 0.100800637    | 0       |             | 0.11                  | ppbv     |
| TO-15  | Air    | Hexachloro-1,3-Butadiene       | 0.4                 | 0.084169773    | 0       |             | 0.085                 | ppbv     |
| TO-15  | Air    | Hexane                         | 0.4                 | 0.106485082    | 0       |             | 0.11                  | ppbv     |
| TO-15  | Air    | Isopropyl Alcohol              | 0.4                 | 0.068329134    | 0       |             | 0.069                 | ppbv     |
| TO-15  | Air    | Isopropylbenzene               | 0.4                 | 0.086744608    | 0       |             | 0.087                 | ppbv     |
| TO-15  | Air    | m/p-Xylene                     | 0.4                 | 0.205831125    | 0       |             | 0.21                  | ppbv     |
| TO-15  | Air    | Methyl Methacrylate            | 0.4                 | 0.085528753    | 0       |             | 0.086                 | ppbv     |
| TO-15  | Air    | Methyl tert-Butyl Ether        | 0.4                 | 0.119546728    | 0       |             | 0.12                  | ppbv     |
| TO-15  | Air    | Methylene Chloride             | 0.4                 | 0.18405265     | 0.11    | VL039022.D  | 0.19                  | ppbv     |
| TO-15  | Air    | Naphthalene                    | 0.4                 | 0.074961199    | 0       |             | 0.075                 | ppbv     |
| TO-15  | Air    | Naphthalene,2-methyl-          | 0.4                 | 0.148496389    | 0       |             | 0.15                  | ppbv     |
| TO-15  | Air    | n-Butylbenzene                 | 0.4                 | 0.08201719     | 0       |             | 0.083                 | ppbv     |
| TO-15  | Air    | n-propylbenzene                | 0.4                 | 0.0778963      | 0       |             | 0.078                 | ppbv     |
| TO-15  | Air    | o-Xylene                       | 0.4                 | 0.117630235    | 0       |             | 0.12                  | ppbv     |
| TO-15  | Air    | p-Isopropyltoluene             | 0.4                 | 0.085704866    | 0       |             | 0.086                 | ppbv     |
| TO-15  | Air    | Propene                        | 0.4                 | 0.143790814    | 0.14    | VL039337.D  | 0.15                  | ppbv     |
| TO-15  | Air    | sec-Butylbenzene               | 0.4                 | 0.093164076    | 0       |             | 0.094                 | ppbv     |
| TO-15  | Air    | Styrene                        | 0.4                 | 0.109444442    | 0       |             | 0.11                  | ppbv     |
| TO-15  | Air    | t-1,3-Dichloropropene          | 0.4                 | 0.059734415    | 0       |             | 0.06                  | ppbv     |
| TO-15  | Air    | tert-Butyl alcohol             | 0.4                 | 0.187711954    | 0       |             | 0.19                  | ppbv     |
| TO-15  | Air    | tert-Butylbenzene              | 0.4                 | 0.092760327    | 0       |             | 0.093                 | ppbv     |
| TO-15  | Air    | Tetrachloroethene              | 0.03                | 0.014462962    | 0       |             | 0.015                 | ppbv     |
| TO-15  | Air    | Tetrahydrofuran                | 0.4                 | 0.122655048    | 0       |             | 0.13                  | ppbv     |
| TO-15  | Air    | Toluene                        | 0.4                 | 0.109284       | 0       |             | 0.11                  | ppbv     |
| TO-15  | Air    | trans-1,2-Dichloroethene       | 0.4                 | 0.185264638    | 0       |             | 0.19                  | ppbv     |
| TO-15  | Air    | Trichloroethene                | 0.03                | 0.016558175    | 0       |             | 0.017                 | ppbv     |
| TO-15  | Air    | Trichlorofluoromethane         | 0.4                 | 0.157465794    | 0       |             | 0.16                  | ppbv     |
| TO-15  | Air    | Vinyl Acetate                  | 0.4                 | 0.152371485    | 0       |             | 0.16                  | ppbv     |
| TO-15  | Air    | Vinyl Chloride                 | 0.03                | 0.013585954    | 0       |             | 0.014                 | ppbv     |
| TO-15  | Air    | Ethanol                        | 0.4                 | 0.317031286    | 0       |             | 0.32                  | ug/L     |

| StddevVal   | StudentsT<br>Value | Instrument<br>ID | Datafile1  | Concentration1 | Adate1            | Datafile2  | Concentration2 |
|-------------|--------------------|------------------|------------|----------------|-------------------|------------|----------------|
| 0.03485153  | 2.602              | MSVOA_L          | VL038602.D | 0.51           | 03142022T18:52:00 | VL038645.D | 0.494          |
| 0.003641772 | 2.602              | MSVOA_L          | VL038599.D | 0.03           | 03142022T17:01:00 | VL038658.D | 0.029          |
| 0.003913651 | 2.602              | MSVOA_L          | VL038599.D | 0.03           | 03142022T17:01:00 | VL038658.D | 0.035          |
| 0.026945624 | 2.602              | MSVOA_L          | VL038602.D | 0.44           | 03142022T18:52:00 | VL038645.D | 0.439          |
| 0.059785032 | 2.602              | MSVOA_L          | VL038602.D | 0.47           | 03142022T18:52:00 | VL038645.D | 0.466          |
| 0.047032569 | 2.602              | MSVOA_L          | VL038602.D | 0.45           | 03142022T18:52:00 | VL038645.D | 0.456          |
| 0.053703158 | 2.602              | MSVOA_L          | VL038602.D | 0.43           | 03142022T18:52:00 | VL038645.D | 0.411          |
| 0.032543048 | 2.602              | MSVOA_L          | VL038602.D | 0.3            | 03142022T18:52:00 | VL038645.D | 0.336          |
| 0.029783385 | 2.602              | MSVOA_L          | VL038602.D | 0.38           | 03142022T18:52:00 | VL038645.D | 0.396          |
| 0.027409244 | 2.602              | MSVOA_L          | VL038602.D | 0.38           | 03142022T18:52:00 | VL038645.D | 0.352          |
| 0.028535869 | 2.602              | MSVOA_L          | VL038602.D | 0.45           | 03142022T18:52:00 | VL038645.D | 0.407          |
| 0.034930824 | 2.602              | MSVOA_L          | VL038602.D | 0.41           | 03142022T18:52:00 | VL038645.D | 0.445          |
| 0.02818865  | 2.602              | MSVOA_L          | VL038602.D | 0.43           | 03142022T18:52:00 | VL038645.D | 0.406          |
| 0.038892534 | 2.602              | MSVOA_L          | VL038602.D | 0.33           | 03142022T18:52:00 | VL038645.D | 0.374          |
| 0.047659163 | 2.602              | MSVOA_L          | VL038602.D | 0.42           | 03142022T18:52:00 | VL038645.D | 0.419          |
| 0.030366374 | 2.602              | MSVOA_L          | VL038602.D | 0.42           | 03142022T18:52:00 | VL038645.D | 0.428          |
| 0.020271388 | 2.602              | MSVOA_L          | VL038602.D | 0.42           | 03142022T18:52:00 | VL038645.D | 0.418          |
| 0.077680086 | 2.602              | MSVOA_L          | VL038602.D | 0.46           | 03142022T18:52:00 | VL038645.D | 0.285          |
| 0.038387498 | 2.602              | MSVOA_L          | VL038602.D | 0.39           | 03142022T18:52:00 | VL038645.D | 0.383          |
| 0.045614143 | 2.602              | MSVOA_L          | VL038602.D | 0.4            | 03142022T18:52:00 | VL038645.D | 0.406          |
| 0.040023691 | 2.602              | MSVOA_L          | VL038602.D | 0.37           | 03142022T18:52:00 | VL038645.D | 0.375          |
| 0.030997782 | 2.602              | MSVOA_L          | VL038602.D | 0.3            | 03142022T18:52:00 | VL038645.D | 0.283          |
| 0.043058052 | 2.602              | MSVOA_L          | VL038602.D | 0.34           | 03142022T18:52:00 | VL038645.D | 0.356          |
| 0.035679067 | 2.602              | MSVOA_L          | VL038602.D | 0.3            | 03142022T18:52:00 | VL038645.D | 0.282          |
| 0.090091042 | 2.602              | MSVOA_L          | VL038602.D | 0.43           | 03142022T18:52:00 | VL038645.D | 0.468          |
| 0.055964125 | 2.602              | MSVOA_L          | VL038602.D | 0.4            | 03142022T18:52:00 | VL038645.D | 0.392          |
| 0.033208182 | 2.602              | MSVOA_L          | VL038602.D | 0.38           | 03142022T18:52:00 | VL038645.D | 0.407          |
| 0.066831349 | 2.602              | MSVOA_L          | VL038602.D | 0.44           | 03142022T18:52:00 | VL038645.D | 0.454          |
| 0.029508191 | 2.602              | MSVOA_L          | VL038602.D | 0.43           | 03142022T18:52:00 | VL038645.D | 0.408          |
| 0.044412039 | 2.602              | MSVOA_L          | VL038602.D | 0.42           | 03142022T18:52:00 | VL038645.D | 0.433          |
| 0.021886069 | 2.602              | MSVOA_L          | VL038602.D | 0.38           | 03142022T18:52:00 | VL038645.D | 0.31           |
| 0.052912467 | 2.602              | MSVOA_L          | VL038602.D | 0.43           | 03142022T18:52:00 | VL038645.D | 0.404          |
| 0.060470378 | 2.602              | MSVOA_L          | VL038602.D | 0.37           | 03142022T18:52:00 | VL038645.D | 0.357          |
| 0.004080441 | 2.602              | MSVOA_L          | VL038599.D | 0.03           | 03142022T17:01:00 | VL038658.D | 0.026          |
| 0.028901845 | 2.602              | MSVOA_L          | VL038602.D | 0.48           | 03142022T18:52:00 | VL038645.D | 0.467          |
| 0.033615225 | 2.602              | MSVOA_L          | VL038602.D | 0.45           | 03142022T18:52:00 | VL038645.D | 0.468          |
| 0.062847932 | 2.602              | MSVOA_L          | VL038602.D | 0.44           | 03142022T18:52:00 | VL038645.D | 0.453          |
| 0.031603534 | 2.602              | MSVOA_L          | VL038602.D | 0.45           | 03142022T18:52:00 | VL038645.D | 0.464          |
| 0.037391621 | 2.602              | MSVOA_L          | VL038602.D | 0.47           | 03142022T18:52:00 | VL038645.D | 0.439          |
| 0.033947938 | 2.602              | MSVOA_L          | VL038602.D | 0.36           | 03142022T18:52:00 | VL038645.D | 0.391          |
| 0.024307749 | 2.602              | MSVOA_L          | VL038602.D | 0.3            | 03142022T18:52:00 | VL038645.D | 0.317          |
| 0.083781636 | 2.602              | MSVOA_L          | VL038602.D | 0.42           | 03142022T18:52:00 | VL038645.D | 0.414          |
| 0.02525132  | 2.602              | MSVOA_L          | VL038602.D | 0.39           | 03142022T18:52:00 | VL038645.D | 0.359          |
| 0.080544708 | 2.602              | MSVOA_L          | VL038602.D | 0.49           | 03142022T18:52:00 | VL038645.D | 0.43           |
| 0.033569579 | 2.602              | MSVOA_L          | VL038602.D | 0.5            | 03142022T18:52:00 | VL038645.D | 0.472          |
| 0.030038864 | 2.602              | MSVOA_L          | VL038602.D | 0.39           | 03142022T18:52:00 | VL038645.D | 0.412          |
| 0.044355712 | 2.602              | MSVOA_L          | VL038602.D | 0.33           | 03142022T18:52:00 | VL038645.D | 0.357          |
| 0.038739676 | 2.602              | MSVOA_L          | VL038602.D | 0.35           | 03142022T18:52:00 | VL038645.D | 0.349          |
| 0.032348107 | 2.602              | MSVOA_L          | VL038602.D | 0.48           | 03142022T18:52:00 | VL038645.D | 0.5            |
| 0.04092432  | 2.602              | MSVOA_L          | VL038602.D | 0.37           | 03142022T18:52:00 | VL038645.D | 0.411          |
| 0.026260236 | 2.602              | MSVOA_L          | VL038602.D | 0.47           | 03142022T18:52:00 | VL038645.D | 0.44           |
| 0.033337666 | 2.602              | MSVOA_L          | VL038602.D | 0.4            | 03142022T18:52:00 | VL038645.D | 0.387          |
| 0.079104967 | 2.602              | MSVOA_L          | VL038602.D | 0.76           | 03142022T18:52:00 | VL038645.D | 0.762          |
| 0.032870389 | 2.602              | MSVOA_L          | VL038602.D | 0.31           | 03142022T18:52:00 | VL038645.D | 0.334          |
| 0.045944169 | 2.602              | MSVOA_L          | VL038602.D | 0.41           | 03142022T18:52:00 | VL038645.D | 0.418          |
| 0.070735069 | 2.602              | MSVOA_L          | VL038602.D | 0.49           | 03142022T18:52:00 | VL038645.D | 0.479          |
| 0.02880907  | 2.602              | MSVOA_L          | VL038602.D | 0.25           | 03142022T18:52:00 | VL038645.D | 0.289          |
| 0.057070096 | 2.602              | MSVOA_L          | VL038602.D | 0.14           | 03142022T18:52:00 | VL038645.D | 0.074          |
| 0.031520826 | 2.602              | MSVOA_L          | VL038602.D | 0.35           | 03142022T18:52:00 | VL038645.D | 0.366          |
| 0.029937087 | 2.602              | MSVOA_L          | VL038602.D | 0.37           | 03142022T18:52:00 | VL038645.D | 0.365          |
| 0.045207623 | 2.602              | MSVOA_L          | VL038602.D | 0.36           | 03142022T18:52:00 | VL038645.D | 0.368          |
| 0.032938073 | 2.602              | MSVOA_L          | VL038602.D | 0.35           | 03142022T18:52:00 | VL038645.D | 0.366          |
| 0.05526165  | 2.602              | MSVOA_L          | VL038602.D | 0.44           | 03142022T18:52:00 | VL038645.D | 0.443          |
| 0.035804795 | 2.602              | MSVOA_L          | VL038602.D | 0.38           | 03142022T18:52:00 | VL038645.D | 0.392          |
| 0.042061661 | 2.602              | MSVOA_L          | VL038602.D | 0.26           | 03142022T18:52:00 | VL038645.D | 0.275          |
| 0.022957116 | 2.602              | MSVOA_L          | VL038602.D | 0.27           | 03142022T18:52:00 | VL038645.D | 0.29           |
| 0.072141412 | 2.602              | MSVOA_L          | VL038602.D | 0.44           | 03142022T18:52:00 | VL038645.D | 0.459          |
| 0.035649626 | 2.602              | MSVOA_L          | VL038602.D | 0.37           | 03142022T18:52:00 | VL038645.D | 0.405          |
| 0.005558402 | 2.602              | MSVOA_L          | VL038599.D | 0.03           | 03142022T17:01:00 | VL038658.D | 0.031          |
| 0.047138758 | 2.602              | MSVOA_L          | VL038602.D | 0.3            | 03142022T18:52:00 | VL038645.D | 0.324          |
| 0.042       | 2.602              | MSVOA_L          | VL038602.D | 0.31           | 03142022T18:52:00 | VL038645.D | 0.332          |
| 0.07120086  | 2.602              | MSVOA_L          | VL038602.D | 0.4            | 03142022T18:52:00 | VL038645.D | 0.396          |
| 0.006363634 | 2.602              | MSVOA_L          | VL038599.D | 0.03           | 03142022T17:01:00 | VL038658.D | 0.035          |
| 0.060517215 | 2.602              | MSVOA_L          | VL038602.D | 0.46           | 03142022T18:52:00 | VL038645.D | 0.472          |
| 0.058559372 | 2.602              | MSVOA_L          | VL038602.D | 0.4            | 03142022T18:52:00 | VL038645.D | 0.389          |
| 0.00522135  | 2.602              | MSVOA_L          | VL038599.D | 0.03           | 03142022T17:01:00 | VL038658.D | 0.031          |
| 0.105747594 | 2.998              | MSVOA_L          | VL040210.D | 0.438          | 02222023T00:52:00 | VL040220.D | 0.43           |

| Adate2            | Datafile3  | Concentration3 | Adate3            | Datafile4  | Concentration4 | Adate4            | Datafile5  |
|-------------------|------------|----------------|-------------------|------------|----------------|-------------------|------------|
| 03182022T03:39:00 | VL039242.D | 0.45           | 06082022T19:44:00 | VL039436.D | 0.45           | 07062022T02:26:00 | VL039568.D |
| 03212022T20:11:00 | VL039329.D | 0.036          | 06222022T20:53:00 | VL039439.D | 0.033          | 07062022T09:13:00 | VL039570.D |
| 03212022T20:11:00 | VL039329.D | 0.029          | 06222022T20:53:00 | VL039439.D | 0.035          | 07062022T09:13:00 | VL039570.D |
| 03182022T03:39:00 | VL039242.D | 0.417          | 06082022T19:44:00 | VL039436.D | 0.445          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.615          | 06082022T19:44:00 | VL039436.D | 0.498          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.493          | 06082022T19:44:00 | VL039436.D | 0.545          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.594          | 06082022T19:44:00 | VL039436.D | 0.485          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.318          | 06082022T19:44:00 | VL039436.D | 0.328          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.389          | 06082022T19:44:00 | VL039436.D | 0.387          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.392          | 06082022T19:44:00 | VL039436.D | 0.391          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.409          | 06082022T19:44:00 | VL039436.D | 0.393          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.494          | 06082022T19:44:00 | VL039436.D | 0.435          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.404          | 06082022T19:44:00 | VL039436.D | 0.451          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.421          | 06082022T19:44:00 | VL039436.D | 0.397          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.583          | 06082022T19:44:00 | VL039436.D | 0.486          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.409          | 06082022T19:44:00 | VL039436.D | 0.465          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.392          | 06082022T19:44:00 | VL039436.D | 0.41           | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.454          | 06082022T19:44:00 | VL039436.D | 0.535          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.37           | 06082022T19:44:00 | VL039436.D | 0.425          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.438          | 06082022T19:44:00 | VL039436.D | 0.482          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.415          | 06082022T19:44:00 | VL039436.D | 0.401          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.309          | 06082022T19:44:00 | VL039436.D | 0.31           | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.391          | 06082022T19:44:00 | VL039436.D | 0.393          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.371          | 06082022T19:44:00 | VL039436.D | 0.372          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.649          | 06082022T19:44:00 | VL039436.D | 0.621          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.58           | 06082022T19:44:00 | VL039436.D | 0.45           | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.391          | 06082022T19:44:00 | VL039436.D | 0.429          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.328          | 06082022T19:44:00 | VL039436.D | 0.438          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.398          | 06082022T19:44:00 | VL039436.D | 0.395          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.526          | 06082022T19:44:00 | VL039436.D | 0.475          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.335          | 06082022T19:44:00 | VL039436.D | 0.322          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.535          | 06082022T19:44:00 | VL039436.D | 0.503          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.494          | 06082022T19:44:00 | VL039436.D | 0.389          | 07062022T02:26:00 | VL039568.D |
| 03212022T20:11:00 | VL039329.D | 0.028          | 06222022T20:53:00 | VL039439.D | 0.03           | 07062022T09:13:00 | VL039570.D |
| 03182022T03:39:00 | VL039242.D | 0.418          | 06082022T19:44:00 | VL039436.D | 0.473          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.489          | 06082022T19:44:00 | VL039436.D | 0.483          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.595          | 06082022T19:44:00 | VL039436.D | 0.52           | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.453          | 06082022T19:44:00 | VL039436.D | 0.469          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.5            | 06082022T19:44:00 | VL039436.D | 0.482          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.403          | 06082022T19:44:00 | VL039436.D | 0.434          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.315          | 06082022T19:44:00 | VL039436.D | 0.327          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.428          | 06082022T19:44:00 | VL039436.D | 0.512          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.359          | 06082022T19:44:00 | VL039436.D | 0.37           | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.618          | 06082022T19:44:00 | VL039436.D | 0.675          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.551          | 06082022T19:44:00 | VL039436.D | 0.51           | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.376          | 06082022T19:44:00 | VL039436.D | 0.441          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.374          | 06082022T19:44:00 | VL039436.D | 0.381          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.33           | 06082022T19:44:00 | VL039436.D | 0.41           | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.444          | 06082022T19:44:00 | VL039436.D | 0.472          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.394          | 06082022T19:44:00 | VL039436.D | 0.47           | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.504          | 06082022T19:44:00 | VL039436.D | 0.465          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.425          | 06082022T19:44:00 | VL039436.D | 0.416          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.815          | 06082022T19:44:00 | VL039436.D | 0.805          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.347          | 06082022T19:44:00 | VL039436.D | 0.361          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.492          | 06082022T19:44:00 | VL039436.D | 0.452          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.684          | 06082022T19:44:00 | VL039436.D | 0.578          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.282          | 06082022T19:44:00 | VL039436.D | 0.302          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.155          | 06082022T19:44:00 | VL039436.D | 0.143          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.39           | 06082022T19:44:00 | VL039436.D | 0.374          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.394          | 06082022T19:44:00 | VL039436.D | 0.397          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.421          | 06082022T19:44:00 | VL039436.D | 0.403          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.378          | 06082022T19:44:00 | VL039436.D | 0.388          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.435          | 06082022T19:44:00 | VL039436.D | 0.521          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.411          | 06082022T19:44:00 | VL039436.D | 0.406          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.345          | 06082022T19:44:00 | VL039436.D | 0.302          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.309          | 06082022T19:44:00 | VL039436.D | 0.279          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.655          | 06082022T19:44:00 | VL039436.D | 0.505          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.403          | 06082022T19:44:00 | VL039436.D | 0.388          | 07062022T02:26:00 | VL039568.D |
| 03212022T20:11:00 | VL039329.D | 0.036          | 06222022T20:53:00 | VL039439.D | 0.034          | 07062022T09:13:00 | VL039570.D |
| 03182022T03:39:00 | VL039242.D | 0.346          | 06082022T19:44:00 | VL039436.D | 0.38           | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.341          | 06082022T19:44:00 | VL039436.D | 0.37           | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.64           | 06082022T19:44:00 | VL039436.D | 0.494          | 07062022T02:26:00 | VL039568.D |
| 03212022T20:11:00 | VL039329.D | 0.038          | 06222022T20:53:00 | VL039439.D | 0.034          | 07062022T09:13:00 | VL039570.D |
| 03182022T03:39:00 | VL039242.D | 0.596          | 06082022T19:44:00 | VL039436.D | 0.492          | 07062022T02:26:00 | VL039568.D |
| 03182022T03:39:00 | VL039242.D | 0.418          | 06082022T19:44:00 | VL039436.D | 0.437          | 07062022T02:26:00 | VL039568.D |
| 03212022T20:11:00 | VL039329.D | 0.043          | 06222022T20:53:00 | VL039439.D | 0.036          | 07062022T09:13:00 | VL039570.D |
| 02232023T13:12:00 | VL040329.D | 0.51           | 04120223T17:39:00 | VL040349.D | 0.633          | 04122023T23:23:00 | VL040559.D |

| Concentration5 | Adate5            | Datafile6  | Concentration6 | Adate6            | Datafile7  | Concentration7 | Adate7            |
|----------------|-------------------|------------|----------------|-------------------|------------|----------------|-------------------|
| 0.433          | 08182022T21:04:00 | VL039600.D | 0.463          | 08262022T12:33:00 | VL039709.D | 0.402          | 10102022T23:30:00 |
| 0.03           | 08182022T22:24:00 | VL039586.D | 0.031          | 08252022T20:23:00 | VL039711.D | 0.03           | 10112022T00:45:00 |
| 0.03           | 08182022T22:24:00 | VL039586.D | 0.029          | 08252022T20:23:00 | VL039711.D | 0.03           | 10112022T00:45:00 |
| 0.404          | 08182022T21:04:00 | VL039600.D | 0.424          | 08262022T12:33:00 | VL039709.D | 0.412          | 10102022T23:30:00 |
| 0.448          | 08182022T21:04:00 | VL039600.D | 0.454          | 08262022T12:33:00 | VL039709.D | 0.438          | 10102022T23:30:00 |
| 0.426          | 08182022T21:04:00 | VL039600.D | 0.451          | 08262022T12:33:00 | VL039709.D | 0.445          | 10102022T23:30:00 |
| 0.394          | 08182022T21:04:00 | VL039600.D | 0.387          | 08262022T12:33:00 | VL039709.D | 0.427          | 10102022T23:30:00 |
| 0.314          | 08182022T21:04:00 | VL039600.D | 0.367          | 08262022T12:33:00 | VL039709.D | 0.373          | 10102022T23:30:00 |
| 0.342          | 08182022T21:04:00 | VL039600.D | 0.389          | 08262022T12:33:00 | VL039709.D | 0.389          | 10102022T23:30:00 |
| 0.361          | 08182022T21:04:00 | VL039600.D | 0.402          | 08262022T12:33:00 | VL039709.D | 0.375          | 10102022T23:30:00 |
| 0.408          | 08182022T21:04:00 | VL039600.D | 0.431          | 08262022T12:33:00 | VL039709.D | 0.448          | 10102022T23:30:00 |
| 0.411          | 08182022T21:04:00 | VL039600.D | 0.455          | 08262022T12:33:00 | VL039709.D | 0.418          | 10102022T23:30:00 |
| 0.444          | 08182022T21:04:00 | VL039600.D | 0.429          | 08262022T12:33:00 | VL039709.D | 0.373          | 10102022T23:30:00 |
| 0.331          | 08182022T21:04:00 | VL039600.D | 0.357          | 08262022T12:33:00 | VL039709.D | 0.342          | 10102022T23:30:00 |
| 0.405          | 08182022T21:04:00 | VL039600.D | 0.449          | 08262022T12:33:00 | VL039709.D | 0.422          | 10102022T23:30:00 |
| 0.368          | 08182022T21:04:00 | VL039600.D | 0.414          | 08262022T12:33:00 | VL039709.D | 0.399          | 10102022T23:30:00 |
| 0.404          | 08182022T21:04:00 | VL039600.D | 0.384          | 08262022T12:33:00 | VL039709.D | 0.439          | 10102022T23:30:00 |
| 0.373          | 08182022T21:04:00 | VL039600.D | 0.341          | 08262022T12:33:00 | VL039709.D | 0.418          | 10102022T23:30:00 |
| 0.348          | 08182022T21:04:00 | VL039600.D | 0.379          | 08262022T12:33:00 | VL039709.D | 0.392          | 10102022T23:30:00 |
| 0.314          | 08182022T21:04:00 | VL039600.D | 0.451          | 08262022T12:33:00 | VL039709.D | 0.354          | 10102022T23:30:00 |
| 0.312          | 08182022T21:04:00 | VL039600.D | 0.359          | 08262022T12:33:00 | VL039709.D | 0.348          | 10102022T23:30:00 |
| 0.27           | 08182022T21:04:00 | VL039600.D | 0.294          | 08262022T12:33:00 | VL039709.D | 0.326          | 10102022T23:30:00 |
| 0.284          | 08182022T21:04:00 | VL039600.D | 0.348          | 08262022T12:33:00 | VL039709.D | 0.355          | 10102022T23:30:00 |
| 0.322          | 08182022T21:04:00 | VL039600.D | 0.335          | 08262022T12:33:00 | VL039709.D | 0.32           | 10102022T23:30:00 |
| 0.363          | 08182022T21:04:00 | VL039600.D | 0.484          | 08262022T12:33:00 | VL039709.D | 0.5            | 10102022T23:30:00 |
| 0.418          | 08182022T21:04:00 | VL039600.D | 0.459          | 08262022T12:33:00 | VL039709.D | 0.379          | 10102022T23:30:00 |
| 0.345          | 08182022T21:04:00 | VL039600.D | 0.376          | 08262022T12:33:00 | VL039709.D | 0.398          | 10102022T23:30:00 |
| 0.394          | 08182022T21:04:00 | VL039600.D | 0.336          | 08262022T12:33:00 | VL039709.D | 0.356          | 10102022T23:30:00 |
| 0.382          | 08182022T21:04:00 | VL039600.D | 0.367          | 08262022T12:33:00 | VL039709.D | 0.377          | 10102022T23:30:00 |
| 0.408          | 08182022T21:04:00 | VL039600.D | 0.441          | 08262022T12:33:00 | VL039709.D | 0.388          | 10102022T23:30:00 |
| 0.305          | 08182022T21:04:00 | VL039600.D | 0.303          | 08262022T12:33:00 | VL039709.D | 0.293          | 10102022T23:30:00 |
| 0.364          | 08182022T21:04:00 | VL039600.D | 0.494          | 08262022T12:33:00 | VL039709.D | 0.464          | 10102022T23:30:00 |
| 0.399          | 08182022T21:04:00 | VL039600.D | 0.268          | 08262022T12:33:00 | VL039709.D | 0.332          | 10102022T23:30:00 |
| 0.03           | 08182022T22:24:00 | VL039586.D | 0.027          | 08252022T20:23:00 | VL039711.D | 0.03           | 10112022T00:45:00 |
| 0.431          | 08182022T21:04:00 | VL039600.D | 0.466          | 08262022T12:33:00 | VL039709.D | 0.46           | 10102022T23:30:00 |
| 0.456          | 08182022T21:04:00 | VL039600.D | 0.504          | 08262022T12:33:00 | VL039709.D | 0.446          | 10102022T23:30:00 |
| 0.462          | 08182022T21:04:00 | VL039600.D | 0.504          | 08262022T12:33:00 | VL039709.D | 0.531          | 10102022T23:30:00 |
| 0.423          | 08182022T21:04:00 | VL039600.D | 0.46           | 08262022T12:33:00 | VL039709.D | 0.411          | 10102022T23:30:00 |
| 0.392          | 08182022T21:04:00 | VL039600.D | 0.472          | 08262022T12:33:00 | VL039709.D | 0.485          | 10102022T23:30:00 |
| 0.36           | 08182022T21:04:00 | VL039600.D | 0.407          | 08262022T12:33:00 | VL039709.D | 0.438          | 10102022T23:30:00 |
| 0.277          | 08182022T21:04:00 | VL039600.D | 0.291          | 08262022T12:33:00 | VL039709.D | 0.284          | 10102022T23:30:00 |
| 0.376          | 08182022T21:04:00 | VL039600.D | 0.395          | 08262022T12:33:00 | VL039709.D | 0.383          | 10102022T23:30:00 |
| 0.339          | 08182022T21:04:00 | VL039600.D | 0.335          | 08262022T12:33:00 | VL039709.D | 0.301          | 10102022T23:30:00 |
| 0.62           | 08182022T21:04:00 | VL039600.D | 0.643          | 08262022T12:33:00 | VL039709.D | 0.694          | 10102022T23:30:00 |
| 0.454          | 08182022T21:04:00 | VL039600.D | 0.508          | 08262022T12:33:00 | VL039709.D | 0.473          | 10102022T23:30:00 |
| 0.341          | 08182022T21:04:00 | VL039600.D | 0.432          | 08262022T12:33:00 | VL039709.D | 0.395          | 10102022T23:30:00 |
| 0.297          | 08182022T21:04:00 | VL039600.D | 0.338          | 08262022T12:33:00 | VL039709.D | 0.334          | 10102022T23:30:00 |
| 0.347          | 08182022T21:04:00 | VL039600.D | 0.382          | 08262022T12:33:00 | VL039709.D | 0.407          | 10102022T23:30:00 |
| 0.447          | 08182022T21:04:00 | VL039600.D | 0.502          | 08262022T12:33:00 | VL039709.D | 0.468          | 10102022T23:30:00 |
| 0.385          | 08182022T21:04:00 | VL039600.D | 0.405          | 08262022T12:33:00 | VL039709.D | 0.435          | 10102022T23:30:00 |
| 0.458          | 08182022T21:04:00 | VL039600.D | 0.434          | 08262022T12:33:00 | VL039709.D | 0.481          | 10102022T23:30:00 |
| 0.361          | 08182022T21:04:00 | VL039600.D | 0.388          | 08262022T12:33:00 | VL039709.D | 0.405          | 10102022T23:30:00 |
| 0.673          | 08182022T21:04:00 | VL039600.D | 0.719          | 08262022T12:33:00 | VL039709.D | 0.688          | 10102022T23:30:00 |
| 0.3            | 08182022T21:04:00 | VL039600.D | 0.323          | 08262022T12:33:00 | VL039709.D | 0.346          | 10102022T23:30:00 |
| 0.337          | 08182022T21:04:00 | VL039600.D | 0.355          | 08262022T12:33:00 | VL039709.D | 0.396          | 10102022T23:30:00 |
| 0.536          | 08182022T21:04:00 | VL039600.D | 0.634          | 08262022T12:33:00 | VL039709.D | 0.499          | 10102022T23:30:00 |
| 0.28           | 08182022T21:04:00 | VL039600.D | 0.302          | 08262022T12:33:00 | VL039709.D | 0.291          | 10102022T23:30:00 |
| 0.158          | 08182022T21:04:00 | VL039600.D | 0.094          | 08262022T12:33:00 | VL039709.D | 0.149          | 10102022T23:30:00 |
| 0.321          | 08182022T21:04:00 | VL039600.D | 0.354          | 08262022T12:33:00 | VL039709.D | 0.358          | 10102022T23:30:00 |
| 0.332          | 08182022T21:04:00 | VL039600.D | 0.338          | 08262022T12:33:00 | VL039709.D | 0.347          | 10102022T23:30:00 |
| 0.315          | 08182022T21:04:00 | VL039600.D | 0.347          | 08262022T12:33:00 | VL039709.D | 0.354          | 10102022T23:30:00 |
| 0.316          | 08182022T21:04:00 | VL039600.D | 0.362          | 08262022T12:33:00 | VL039709.D | 0.358          | 10102022T23:30:00 |
| 0.499          | 08182022T21:04:00 | VL039600.D | 0.578          | 08262022T12:33:00 | VL039709.D | 0.533          | 10102022T23:30:00 |
| 0.359          | 08182022T21:04:00 | VL039600.D | 0.382          | 08262022T12:33:00 | VL039709.D | 0.371          | 10102022T23:30:00 |
| 0.23           | 08182022T21:04:00 | VL039600.D | 0.257          | 08262022T12:33:00 | VL039709.D | 0.278          | 10102022T23:30:00 |
| 0.252          | 08182022T21:04:00 | VL039600.D | 0.252          | 08262022T12:33:00 | VL039709.D | 0.273          | 10102022T23:30:00 |
| 0.384          | 08182022T21:04:00 | VL039600.D | 0.382          | 08262022T12:33:00 | VL039709.D | 0.454          | 10102022T23:30:00 |
| 0.345          | 08182022T21:04:00 | VL039600.D | 0.399          | 08262022T12:33:00 | VL039709.D | 0.371          | 10102022T23:30:00 |
| 0.03           | 08182022T22:24:00 | VL039586.D | 0.038          | 08252022T20:23:00 | VL039711.D | 0.03           | 10112022T00:45:00 |
| 0.299          | 08182022T21:04:00 | VL039600.D | 0.344          | 08262022T12:33:00 | VL039709.D | 0.389          | 10102022T23:30:00 |
| 0.288          | 08182022T21:04:00 | VL039600.D | 0.296          | 08262022T12:33:00 | VL039709.D | 0.33           | 10102022T23:30:00 |
| 0.375          | 08182022T21:04:00 | VL039600.D | 0.466          | 08262022T12:33:00 | VL039709.D | 0.437          | 10102022T23:30:00 |
| 0.03           | 08182022T22:24:00 | VL039586.D | 0.031          | 08252022T20:23:00 | VL039711.D | 0.04           | 10112022T00:45:00 |
| 0.436          | 08182022T21:04:00 | VL039600.D | 0.47           | 08262022T12:33:00 | VL039709.D | 0.385          | 10102022T23:30:00 |
| 0.42           | 08182022T21:04:00 | VL039600.D | 0.483          | 08262022T12:33:00 | VL039709.D | 0.363          | 10102022T23:30:00 |
| 0.03           | 08182022T22:24:00 | VL039586.D | 0.029          | 08252022T20:23:00 | VL039711.D | 0.03           | 10112022T00:45:00 |
| 0.636          | 07272023T03:27:00 | VL040579.D | 0.42           | 07312023T19:20:00 | VL040747.D | 0.607          | 10042023T19:33:00 |

| Datafile8  | Concentration8 | Adate8            | Datafile9  | Concentration9 | Adate9            | Datafile10 | Concentration10 |
|------------|----------------|-------------------|------------|----------------|-------------------|------------|-----------------|
| VL040134.D | 0.42           | 01302023T15:54:00 | VL040210.D | 0.383          | 02222023T00:52:00 | VL040220.D | 0.42            |
| VL040136.D | 0.03           | 01302023T17:08:00 | VL040222.D | 0.038          | 02232023T14:26:00 | VL040223.D | 0.033           |
| VL040136.D | 0.03           | 01302023T17:08:00 | VL040222.D | 0.032          | 02232023T14:26:00 | VL040223.D | 0.027           |
| VL040134.D | 0.41           | 01302023T15:54:00 | VL040210.D | 0.395          | 02222023T00:52:00 | VL040220.D | 0.43            |
| VL040134.D | 0.38           | 01302023T15:54:00 | VL040210.D | 0.476          | 02222023T00:52:00 | VL040220.D | 0.47            |
| VL040134.D | 0.38           | 01302023T15:54:00 | VL040210.D | 0.436          | 02222023T00:52:00 | VL040220.D | 0.45            |
| VL040134.D | 0.4            | 01302023T15:54:00 | VL040210.D | 0.452          | 02222023T00:52:00 | VL040220.D | 0.45            |
| VL040134.D | 0.32           | 01302023T15:54:00 | VL040210.D | 0.299          | 02222023T00:52:00 | VL040220.D | 0.32            |
| VL040134.D | 0.37           | 01302023T15:54:00 | VL040210.D | 0.375          | 02222023T00:52:00 | VL040220.D | 0.37            |
| VL040134.D | 0.39           | 01302023T15:54:00 | VL040210.D | 0.38           | 02222023T00:52:00 | VL040220.D | 0.38            |
| VL040134.D | 0.38           | 01302023T15:54:00 | VL040210.D | 0.378          | 02222023T00:52:00 | VL040220.D | 0.43            |
| VL040134.D | 0.4            | 01302023T15:54:00 | VL040210.D | 0.434          | 02222023T00:52:00 | VL040220.D | 0.44            |
| VL040134.D | 0.41           | 01302023T15:54:00 | VL040210.D | 0.432          | 02222023T00:52:00 | VL040220.D | 0.43            |
| VL040134.D | 0.35           | 01302023T15:54:00 | VL040210.D | 0.344          | 02222023T00:52:00 | VL040220.D | 0.34            |
| VL040134.D | 0.43           | 01302023T15:54:00 | VL040210.D | 0.396          | 02222023T00:52:00 | VL040220.D | 0.41            |
| VL040134.D | 0.37           | 01302023T15:54:00 | VL040210.D | 0.395          | 02222023T00:52:00 | VL040220.D | 0.42            |
| VL040134.D | 0.4            | 01302023T15:54:00 | VL040210.D | 0.402          | 02222023T00:52:00 | VL040220.D | 0.4             |
| VL040134.D | 0.41           | 01302023T15:54:00 | VL040210.D | 0.387          | 02222023T00:52:00 | VL040220.D | 0.43            |
| VL040134.D | 0.39           | 01302023T15:54:00 | VL040210.D | 0.352          | 02222023T00:52:00 | VL040220.D | 0.38            |
| VL040134.D | 0.38           | 01302023T15:54:00 | VL040210.D | 0.416          | 02222023T00:52:00 | VL040220.D | 0.44            |
| VL040134.D | 0.36           | 01302023T15:54:00 | VL040210.D | 0.34           | 02222023T00:52:00 | VL040220.D | 0.36            |
| VL040134.D | 0.32           | 01302023T15:54:00 | VL040210.D | 0.318          | 02222023T00:52:00 | VL040220.D | 0.34            |
| VL040134.D | 0.35           | 01302023T15:54:00 | VL040210.D | 0.321          | 02222023T00:52:00 | VL040220.D | 0.36            |
| VL040134.D | 0.36           | 01302023T15:54:00 | VL040210.D | 0.337          | 02222023T00:52:00 | VL040220.D | 0.37            |
| VL040134.D | 0.45           | 01302023T15:54:00 | VL040210.D | 0.482          | 02222023T00:52:00 | VL040220.D | 0.5             |
| VL040134.D | 0.36           | 01302023T15:54:00 | VL040210.D | 0.411          | 02222023T00:52:00 | VL040220.D | 0.45            |
| VL040134.D | 0.38           | 01302023T15:54:00 | VL040210.D | 0.359          | 02222023T00:52:00 | VL040220.D | 0.39            |
| VL040134.D | 0.29           | 01302023T15:54:00 | VL040210.D | 0.311          | 02222023T00:52:00 | VL040220.D | 0.38            |
| VL040134.D | 0.37           | 01302023T15:54:00 | VL040210.D | 0.378          | 02222023T00:52:00 | VL040220.D | 0.38            |
| VL040134.D | 0.37           | 01302023T15:54:00 | VL040210.D | 0.413          | 02222023T00:52:00 | VL040220.D | 0.42            |
| VL040134.D | 0.32           | 01302023T15:54:00 | VL040210.D | 0.32           | 02222023T00:52:00 | VL040220.D | 0.33            |
| VL040134.D | 0.4            | 01302023T15:54:00 | VL040210.D | 0.408          | 02222023T00:52:00 | VL040220.D | 0.49            |
| VL040134.D | 0.31           | 01302023T15:54:00 | VL040210.D | 0.391          | 02222023T00:52:00 | VL040220.D | 0.37            |
| VL040136.D | 0.03           | 01302023T17:08:00 | VL040222.D | 0.033          | 02232023T14:26:00 | VL040223.D | 0.037           |
| VL040134.D | 0.44           | 01302023T15:54:00 | VL040210.D | 0.414          | 02222023T00:52:00 | VL040220.D | 0.45            |
| VL040134.D | 0.43           | 01302023T15:54:00 | VL040210.D | 0.474          | 02222023T00:52:00 | VL040220.D | 0.46            |
| VL040134.D | 0.37           | 01302023T15:54:00 | VL040210.D | 0.416          | 02222023T00:52:00 | VL040220.D | 0.44            |
| VL040134.D | 0.47           | 01302023T15:54:00 | VL040210.D | 0.445          | 02222023T00:52:00 | VL040220.D | 0.42            |
| VL040134.D | 0.46           | 01302023T15:54:00 | VL040210.D | 0.443          | 02222023T00:52:00 | VL040220.D | 0.47            |
| VL040134.D | 0.38           | 01302023T15:54:00 | VL040210.D | 0.435          | 02222023T00:52:00 | VL040220.D | 0.38            |
| VL040134.D | 0.33           | 01302023T15:54:00 | VL040210.D | 0.284          | 02222023T00:52:00 | VL040220.D | 0.34            |
| VL040134.D | 0.49           | 01302023T15:54:00 | VL040210.D | 0.521          | 02222023T00:52:00 | VL040220.D | 0.34            |
| VL040134.D | 0.35           | 01302023T15:54:00 | VL040210.D | 0.343          | 02222023T00:52:00 | VL040220.D | 0.34            |
| VL040134.D | 0.48           | 01302023T15:54:00 | VL040210.D | 0.497          | 02222023T00:52:00 | VL040220.D | 0.49            |
| VL040134.D | 0.43           | 01302023T15:54:00 | VL040210.D | 0.431          | 02222023T00:52:00 | VL040220.D | 0.46            |
| VL040134.D | 0.39           | 01302023T15:54:00 | VL040210.D | 0.398          | 02222023T00:52:00 | VL040220.D | 0.42            |
| VL040134.D | 0.36           | 01302023T15:54:00 | VL040210.D | 0.309          | 02222023T00:52:00 | VL040220.D | 0.33            |
| VL040134.D | 0.34           | 01302023T15:54:00 | VL040210.D | 0.336          | 02222023T00:52:00 | VL040220.D | 0.37            |
| VL040134.D | 0.43           | 01302023T15:54:00 | VL040210.D | 0.421          | 02222023T00:52:00 | VL040220.D | 0.44            |
| VL040134.D | 0.41           | 01302023T15:54:00 | VL040210.D | 0.4            | 02222023T00:52:00 | VL040220.D | 0.41            |
| VL040134.D | 0.4            | 01302023T15:54:00 | VL040210.D | 0.479          | 02222023T00:52:00 | VL040220.D | 0.48            |
| VL040134.D | 0.38           | 01302023T15:54:00 | VL040210.D | 0.361          | 02222023T00:52:00 | VL040220.D | 0.4             |
| VL040134.D | 0.71           | 01302023T15:54:00 | VL040210.D | 0.699          | 02222023T00:52:00 | VL040220.D | 0.75            |
| VL040134.D | 0.35           | 01302023T15:54:00 | VL040210.D | 0.314          | 02222023T00:52:00 | VL040220.D | 0.35            |
| VL040134.D | 0.38           | 01302023T15:54:00 | VL040210.D | 0.421          | 02222023T00:52:00 | VL040220.D | 0.41            |
| VL040134.D | 0.44           | 01302023T15:54:00 | VL040210.D | 0.558          | 02222023T00:52:00 | VL040220.D | 0.57            |
| VL040134.D | 0.27           | 01302023T15:54:00 | VL040210.D | 0.246          | 02222023T00:52:00 | VL040220.D | 0.27            |
| VL040134.D | 0.19           | 01302023T15:54:00 | VL040210.D | 0.116          | 02222023T00:52:00 | VL040220.D | 0.21            |
| VL040134.D | 0.34           | 01302023T15:54:00 | VL040210.D | 0.349          | 02222023T00:52:00 | VL040220.D | 0.35            |
| VL040134.D | 0.34           | 01302023T15:54:00 | VL040210.D | 0.354          | 02222023T00:52:00 | VL040220.D | 0.36            |
| VL040134.D | 0.34           | 01302023T15:54:00 | VL040210.D | 0.331          | 02222023T00:52:00 | VL040220.D | 0.36            |
| VL040134.D | 0.33           | 01302023T15:54:00 | VL040210.D | 0.329          | 02222023T00:52:00 | VL040220.D | 0.34            |
| VL040134.D | 0.42           | 01302023T15:54:00 | VL040210.D | 0.432          | 02222023T00:52:00 | VL040220.D | 0.43            |
| VL040134.D | 0.36           | 01302023T15:54:00 | VL040210.D | 0.352          | 02222023T00:52:00 | VL040220.D | 0.37            |
| VL040134.D | 0.29           | 01302023T15:54:00 | VL040210.D | 0.262          | 02222023T00:52:00 | VL040220.D | 0.27            |
| VL040134.D | 0.3            | 01302023T15:54:00 | VL040210.D | 0.292          | 02222023T00:52:00 | VL040220.D | 0.3             |
| VL040134.D | 0.4            | 01302023T15:54:00 | VL040210.D | 0.395          | 02222023T00:52:00 | VL040220.D | 0.44            |
| VL040134.D | 0.35           | 01302023T15:54:00 | VL040210.D | 0.349          | 02222023T00:52:00 | VL040220.D | 0.36            |
| VL040136.D | 0.03           | 01302023T17:08:00 | VL040222.D | 0.029          | 02232023T14:26:00 | VL040223.D | 0.031           |
| VL040134.D | 0.42           | 01302023T15:54:00 | VL040210.D | 0.368          | 02222023T00:52:00 | VL040220.D | 0.42            |
| VL040134.D | 0.34           | 01302023T15:54:00 | VL040210.D | 0.297          | 02222023T00:52:00 | VL040220.D | 0.33            |
| VL040134.D | 0.35           | 01302023T15:54:00 | VL040210.D | 0.397          | 02222023T00:52:00 | VL040220.D | 0.42            |
| VL040136.D | 0.03           | 01302023T17:08:00 | VL040222.D | 0.027          | 02232023T14:26:00 | VL040223.D | 0.028           |
| VL040134.D | 0.4            | 01302023T15:54:00 | VL040210.D | 0.451          | 02222023T00:52:00 | VL040220.D | 0.45            |
| VL040134.D | 0.39           | 01302023T15:54:00 | VL040210.D | 0.438          | 02222023T00:52:00 | VL040220.D | 0.4             |
| VL040136.D | 0.03           | 01302023T17:08:00 | VL040222.D | 0.033          | 02232023T14:26:00 | VL040223.D | 0.038           |
| VL040805.D | 0.675          | 10252023T18:12:00 |            |                |                   |            |                 |

| Adate10           | Datafile11 | Concentration11 | Adate11           | Datafile12 | Concentration1<br>2 | Adate12           | Datafile13 |
|-------------------|------------|-----------------|-------------------|------------|---------------------|-------------------|------------|
| 02232023T13:12:00 | VL040329.D | 0.45            | 04102023T17:39:00 | VL040349.D | 0.434               | 04122023T23:23:00 | VL040559.D |
| 02232023T15:04:00 | VL040332.D | 0.028           | 04102023T19:33:00 | VL040346.D | 0.027               | 04122023T19:50:00 | VL040576.D |
| 02232023T15:04:00 | VL040332.D | 0.023           | 04102023T19:33:00 | VL040346.D | 0.03                | 04122023T19:50:00 | VL040576.D |
| 02232023T13:12:00 | VL040329.D | 0.41            | 04102023T17:39:00 | VL040349.D | 0.403               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.42            | 04102023T17:39:00 | VL040349.D | 0.429               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.43            | 04102023T17:39:00 | VL040349.D | 0.4                 | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.44            | 04102023T17:39:00 | VL040349.D | 0.419               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.3             | 04102023T17:39:00 | VL040349.D | 0.302               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.34            | 04102023T17:39:00 | VL040349.D | 0.362               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.37            | 04102023T17:39:00 | VL040349.D | 0.398               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.38            | 04102023T17:39:00 | VL040349.D | 0.402               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.45            | 04102023T17:39:00 | VL040349.D | 0.427               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.41            | 04102023T17:39:00 | VL040349.D | 0.385               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.33            | 04102023T17:39:00 | VL040349.D | 0.311               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.38            | 04102023T17:39:00 | VL040349.D | 0.448               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.38            | 04102023T17:39:00 | VL040349.D | 0.392               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.39            | 04102023T17:39:00 | VL040349.D | 0.402               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.33            | 04102023T17:39:00 | VL040349.D | 0.33                | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.35            | 04102023T17:39:00 | VL040349.D | 0.356               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.45            | 04102023T17:39:00 | VL040349.D | 0.451               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.32            | 04102023T17:39:00 | VL040349.D | 0.31                | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.28            | 04102023T17:39:00 | VL040349.D | 0.29                | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.32            | 04102023T17:39:00 | VL040349.D | 0.303               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.33            | 04102023T17:39:00 | VL040349.D | 0.339               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.58            | 04102023T17:39:00 | VL040349.D | 0.582               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.39            | 04102023T17:39:00 | VL040349.D | 0.402               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.37            | 04102023T17:39:00 | VL040349.D | 0.365               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.37            | 04102023T17:39:00 | VL040349.D | 0.421               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.38            | 04102023T17:39:00 | VL040349.D | 0.397               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.41            | 04102023T17:39:00 | VL040349.D | 0.415               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.31            | 04102023T17:39:00 | VL040349.D | 0.337               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.44            | 04102023T17:39:00 | VL040349.D | 0.51                | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.34            | 04102023T17:39:00 | VL040349.D | 0.342               | 04122023T23:23:00 | VL040559.D |
| 02232023T15:04:00 | VL040332.D | 0.028           | 04102023T19:33:00 | VL040346.D | 0.025               | 04122023T19:50:00 | VL040576.D |
| 02232023T13:12:00 | VL040329.D | 0.45            | 04102023T17:39:00 | VL040349.D | 0.433               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.45            | 04102023T17:39:00 | VL040349.D | 0.453               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.4             | 04102023T17:39:00 | VL040349.D | 0.487               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.43            | 04102023T17:39:00 | VL040349.D | 0.456               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.47            | 04102023T17:39:00 | VL040349.D | 0.455               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.38            | 04102023T17:39:00 | VL040349.D | 0.376               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.29            | 04102023T17:39:00 | VL040349.D | 0.287               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.29            | 04102023T17:39:00 | VL040349.D | 0.35                | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.35            | 04102023T17:39:00 | VL040349.D | 0.339               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.51            | 04102023T17:39:00 | VL040349.D | 0.483               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.46            | 04102023T17:39:00 | VL040349.D | 0.467               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.39            | 04102023T17:39:00 | VL040349.D | 0.394               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.32            | 04102023T17:39:00 | VL040349.D | 0.31                | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.33            | 04102023T17:39:00 | VL040349.D | 0.336               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.45            | 04102023T17:39:00 | VL040349.D | 0.441               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.37            | 04102023T17:39:00 | VL040349.D | 0.365               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.47            | 04102023T17:39:00 | VL040349.D | 0.442               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.38            | 04102023T17:39:00 | VL040349.D | 0.363               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.66            | 04102023T17:39:00 | VL040349.D | 0.659               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.31            | 04102023T17:39:00 | VL040349.D | 0.305               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.41            | 04102023T17:39:00 | VL040349.D | 0.362               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.47            | 04102023T17:39:00 | VL040349.D | 0.533               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.26            | 04102023T17:39:00 | VL040349.D | 0.261               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.21            | 04102023T17:39:00 | VL040349.D | 0.19                | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.33            | 04102023T17:39:00 | VL040349.D | 0.334               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.35            | 04102023T17:39:00 | VL040349.D | 0.345               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.31            | 04102023T17:39:00 | VL040349.D | 0.327               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.32            | 04102023T17:39:00 | VL040349.D | 0.314               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.42            | 04102023T17:39:00 | VL040349.D | 0.465               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.35            | 04102023T17:39:00 | VL040349.D | 0.335               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.26            | 04102023T17:39:00 | VL040349.D | 0.257               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.27            | 04102023T17:39:00 | VL040349.D | 0.256               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.46            | 04102023T17:39:00 | VL040349.D | 0.427               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.34            | 04102023T17:39:00 | VL040349.D | 0.327               | 04122023T23:23:00 | VL040559.D |
| 02232023T15:04:00 | VL040332.D | 0.022           | 04102023T19:33:00 | VL040346.D | 0.029               | 04122023T19:50:00 | VL040576.D |
| 02232023T13:12:00 | VL040329.D | 0.3             | 04102023T17:39:00 | VL040349.D | 0.347               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.29            | 04102023T17:39:00 | VL040349.D | 0.291               | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.37            | 04102023T17:39:00 | VL040349.D | 0.391               | 04122023T23:23:00 | VL040559.D |
| 02232023T15:04:00 | VL040332.D | 0.029           | 04102023T19:33:00 | VL040346.D | 0.028               | 04122023T19:50:00 | VL040576.D |
| 02232023T13:12:00 | VL040329.D | 0.45            | 04102023T17:39:00 | VL040349.D | 0.47                | 04122023T23:23:00 | VL040559.D |
| 02232023T13:12:00 | VL040329.D | 0.37            | 04102023T17:39:00 | VL040349.D | 0.58                | 04122023T23:23:00 | VL040559.D |
| 02232023T15:04:00 | VL040332.D | 0.024           | 04102023T19:33:00 | VL040346.D | 0.029               | 04122023T19:50:00 | VL040576.D |

| Concentration13 | Adate13           | Datafile14 | Concentration14 | Adate14           | Datafile15 | Concentration15 | Adate15           |
|-----------------|-------------------|------------|-----------------|-------------------|------------|-----------------|-------------------|
| 0.48            | 07272023T03:27:00 | VL040579.D | 0.42            | 07312023T19:20:00 | VL040747.D | 0.488           | 10042023T19:33:00 |
| 0.03            | 07312023T17:18:00 | VL040581.D | 0.031           | 07312023T20:41:00 | VL040772.D | 0.035           | 10122023T01:48:00 |
| 0.031           | 07312023T17:18:00 | VL040581.D | 0.026           | 07312023T20:41:00 | VL040772.D | 0.029           | 10122023T01:48:00 |
| 0.459           | 07272023T03:27:00 | VL040579.D | 0.36            | 07312023T19:20:00 | VL040747.D | 0.405           | 10042023T19:33:00 |
| 0.573           | 07272023T03:27:00 | VL040579.D | 0.5             | 07312023T19:20:00 | VL040747.D | 0.557           | 10042023T19:33:00 |
| 0.535           | 07272023T03:27:00 | VL040579.D | 0.43            | 07312023T19:20:00 | VL040747.D | 0.527           | 10042023T19:33:00 |
| 0.527           | 07272023T03:27:00 | VL040579.D | 0.42            | 07312023T19:20:00 | VL040747.D | 0.481           | 10042023T19:33:00 |
| 0.33            | 07272023T03:27:00 | VL040579.D | 0.23            | 07312023T19:20:00 | VL040747.D | 0.305           | 10042023T19:33:00 |
| 0.389           | 07272023T03:27:00 | VL040579.D | 0.3             | 07312023T19:20:00 | VL040747.D | 0.361           | 10042023T19:33:00 |
| 0.425           | 07272023T03:27:00 | VL040579.D | 0.32            | 07312023T19:20:00 | VL040747.D | 0.359           | 10042023T19:33:00 |
| 0.442           | 07272023T03:27:00 | VL040579.D | 0.36            | 07312023T19:20:00 | VL040747.D | 0.45            | 10042023T19:33:00 |
| 0.519           | 07272023T03:27:00 | VL040579.D | 0.41            | 07312023T19:20:00 | VL040747.D | 0.426           | 10042023T19:33:00 |
| 0.452           | 07272023T03:27:00 | VL040579.D | 0.36            | 07312023T19:20:00 | VL040747.D | 0.42            | 10042023T19:33:00 |
| 0.33            | 07272023T03:27:00 | VL040579.D | 0.26            | 07312023T19:20:00 | VL040747.D | 0.321           | 10042023T19:33:00 |
| 0.412           | 07272023T03:27:00 | VL040579.D | 0.41            | 07312023T19:20:00 | VL040747.D | 0.466           | 10042023T19:33:00 |
| 0.388           | 07272023T03:27:00 | VL040579.D | 0.33            | 07312023T19:20:00 | VL040747.D | 0.412           | 10042023T19:33:00 |
| 0.438           | 07272023T03:27:00 | VL040579.D | 0.36            | 07312023T19:20:00 | VL040747.D | 0.382           | 10042023T19:33:00 |
| 0.373           | 07272023T03:27:00 | VL040579.D | 0.29            | 07312023T19:20:00 | VL040747.D | 0.257           | 10042023T19:33:00 |
| 0.398           | 07272023T03:27:00 | VL040579.D | 0.27            | 07312023T19:20:00 | VL040747.D | 0.335           | 10042023T19:33:00 |
| 0.448           | 07272023T03:27:00 | VL040579.D | 0.37            | 07312023T19:20:00 | VL040747.D | 0.443           | 10042023T19:33:00 |
| 0.35            | 07272023T03:27:00 | VL040579.D | 0.27            | 07312023T19:20:00 | VL040747.D | 0.325           | 10042023T19:33:00 |
| 0.303           | 07272023T03:27:00 | VL040579.D | 0.22            | 07312023T19:20:00 | VL040747.D | 0.283           | 10042023T19:33:00 |
| 0.32            | 07272023T03:27:00 | VL040579.D | 0.23            | 07312023T19:20:00 | VL040747.D | 0.317           | 10042023T19:33:00 |
| 0.348           | 07272023T03:27:00 | VL040579.D | 0.27            | 07312023T19:20:00 | VL040747.D | 0.302           | 10042023T19:33:00 |
| 0.674           | 07272023T03:27:00 | VL040579.D | 0.48            | 07312023T19:20:00 | VL040747.D | 0.65            | 10042023T19:33:00 |
| 0.436           | 07272023T03:27:00 | VL040579.D | 0.37            | 07312023T19:20:00 | VL040747.D | 0.511           | 10042023T19:33:00 |
| 0.397           | 07272023T03:27:00 | VL040579.D | 0.3             | 07312023T19:20:00 | VL040747.D | 0.386           | 10042023T19:33:00 |
| 0.425           | 07272023T03:27:00 | VL040579.D | 0.34            | 07312023T19:20:00 | VL040747.D | 0.307           | 10042023T19:33:00 |
| 0.467           | 07272023T03:27:00 | VL040579.D | 0.4             | 07312023T19:20:00 | VL040747.D | 0.409           | 10042023T19:33:00 |
| 0.508           | 07272023T03:27:00 | VL040579.D | 0.42            | 07312023T19:20:00 | VL040747.D | 0.506           | 10042023T19:33:00 |
| 0.352           | 07272023T03:27:00 | VL040579.D | 0.33            | 07312023T19:20:00 | VL040747.D | 0.349           | 10042023T19:33:00 |
| 0.543           | 07272023T03:27:00 | VL040579.D | 0.46            | 07312023T19:20:00 | VL040747.D | 0.496           | 10042023T19:33:00 |
| 0.46            | 07272023T03:27:00 | VL040579.D | 0.42            | 07312023T19:20:00 | VL040747.D | 0.477           | 10042023T19:33:00 |
| 0.036           | 07312023T17:18:00 | VL040581.D | 0.033           | 07312023T20:41:00 | VL040772.D | 0.031           | 10122023T01:48:00 |
| 0.481           | 07272023T03:27:00 | VL040579.D | 0.38            | 07312023T19:20:00 | VL040747.D | 0.489           | 10042023T19:33:00 |
| 0.526           | 07272023T03:27:00 | VL040579.D | 0.45            | 07312023T19:20:00 | VL040747.D | 0.55            | 10042023T19:33:00 |
| 0.516           | 07272023T03:27:00 | VL040579.D | 0.43            | 07312023T19:20:00 | VL040747.D | 0.576           | 10042023T19:33:00 |
| 0.521           | 07272023T03:27:00 | VL040579.D | 0.41            | 07312023T19:20:00 | VL040747.D | 0.501           | 10042023T19:33:00 |
| 0.486           | 07272023T03:27:00 | VL040579.D | 0.39            | 07312023T19:20:00 | VL040747.D | 0.544           | 10042023T19:33:00 |
| 0.405           | 07272023T03:27:00 | VL040579.D | 0.32            | 07312023T19:20:00 | VL040747.D | 0.431           | 10042023T19:33:00 |
| 0.295           | 07272023T03:27:00 | VL040579.D | 0.25            | 07312023T19:20:00 | VL040747.D | 0.298           | 10042023T19:33:00 |
| 0.301           | 07272023T03:27:00 | VL040579.D | 0.21            | 07312023T19:20:00 | VL040747.D | 0.317           | 10042023T19:33:00 |
| 0.403           | 07272023T03:27:00 | VL040579.D | 0.35            | 07312023T19:20:00 | VL040747.D | 0.381           | 10042023T19:33:00 |
| 0.54            | 07272023T03:27:00 | VL040579.D | 0.47            | 07312023T19:20:00 | VL040747.D | 0.562           | 10042023T19:33:00 |
| 0.516           | 07272023T03:27:00 | VL040579.D | 0.46            | 07312023T19:20:00 | VL040747.D | 0.509           | 10042023T19:33:00 |
| 0.424           | 07272023T03:27:00 | VL040579.D | 0.34            | 07312023T19:20:00 | VL040747.D | 0.441           | 10042023T19:33:00 |
| 0.32            | 07272023T03:27:00 | VL040579.D | 0.21            | 07312023T19:20:00 | VL040747.D | 0.299           | 10042023T19:33:00 |
| 0.341           | 07272023T03:27:00 | VL040579.D | 0.25            | 07312023T19:20:00 | VL040747.D | 0.355           | 10042023T19:33:00 |
| 0.466           | 07272023T03:27:00 | VL040579.D | 0.37            | 07312023T19:20:00 | VL040747.D | 0.479           | 10042023T19:33:00 |
| 0.38            | 07272023T03:27:00 | VL040579.D | 0.31            | 07312023T19:20:00 | VL040747.D | 0.465           | 10042023T19:33:00 |
| 0.451           | 07272023T03:27:00 | VL040579.D | 0.43            | 07312023T19:20:00 | VL040747.D | 0.426           | 10042023T19:33:00 |
| 0.379           | 07272023T03:27:00 | VL040579.D | 0.29            | 07312023T19:20:00 | VL040747.D | 0.386           | 10042023T19:33:00 |
| 0.735           | 07272023T03:27:00 | VL040579.D | 0.54            | 07312023T19:20:00 | VL040747.D | 0.682           | 10042023T19:33:00 |
| 0.283           | 07272023T03:27:00 | VL040579.D | 0.23            | 07312023T19:20:00 | VL040747.D | 0.324           | 10042023T19:33:00 |
| 0.468           | 07272023T03:27:00 | VL040579.D | 0.38            | 07312023T19:20:00 | VL040747.D | 0.472           | 10042023T19:33:00 |
| 0.619           | 07272023T03:27:00 | VL040579.D | 0.62            | 07312023T19:20:00 | VL040747.D | 0.625           | 10042023T19:33:00 |
| 0.274           | 07272023T03:27:00 | VL040579.D | 0.19            | 07312023T19:20:00 | VL040747.D | 0.258           | 10042023T19:33:00 |
| 0.107           | 07272023T03:27:00 | VL040579.D | 0.06            | 07312023T19:20:00 | VL040747.D | 0.133           | 10042023T19:33:00 |
| 0.361           | 07272023T03:27:00 | VL040579.D | 0.27            | 07312023T19:20:00 | VL040747.D | 0.343           | 10042023T19:33:00 |
| 0.355           | 07272023T03:27:00 | VL040579.D | 0.27            | 07312023T19:20:00 | VL040747.D | 0.369           | 10042023T19:33:00 |
| 0.355           | 07272023T03:27:00 | VL040579.D | 0.26            | 07312023T19:20:00 | VL040747.D | 0.301           | 10042023T19:33:00 |
| 0.357           | 07272023T03:27:00 | VL040579.D | 0.26            | 07312023T19:20:00 | VL040747.D | 0.313           | 10042023T19:33:00 |
| 0.436           | 07272023T03:27:00 | VL040579.D | 0.34            | 07312023T19:20:00 | VL040747.D | 0.471           | 10042023T19:33:00 |
| 0.393           | 07272023T03:27:00 | VL040579.D | 0.29            | 07312023T19:20:00 | VL040747.D | 0.354           | 10042023T19:33:00 |
| 0.242           | 07272023T03:27:00 | VL040579.D | 0.17            | 07312023T19:20:00 | VL040747.D | 0.266           | 10042023T19:33:00 |
| 0.283           | 07272023T03:27:00 | VL040579.D | 0.23            | 07312023T19:20:00 | VL040747.D | 0.312           | 10042023T19:33:00 |
| 0.539           | 07272023T03:27:00 | VL040579.D | 0.43            | 07312023T19:20:00 | VL040747.D | 0.394           | 10042023T19:33:00 |
| 0.366           | 07272023T03:27:00 | VL040579.D | 0.28            | 07312023T19:20:00 | VL040747.D | 0.381           | 10042023T19:33:00 |
| 0.025           | 07312023T17:18:00 | VL040581.D | 0.028           | 07312023T20:41:00 | VL040772.D | 0.044           | 10122023T01:48:00 |
| 0.353           | 07272023T03:27:00 | VL040579.D | 0.26            | 07312023T19:20:00 | VL040747.D | 0.351           | 10042023T19:33:00 |
| 0.285           | 07272023T03:27:00 | VL040579.D | 0.2             | 07312023T19:20:00 | VL040747.D | 0.288           | 10042023T19:33:00 |
| 0.477           | 07272023T03:27:00 | VL040579.D | 0.4             | 07312023T19:20:00 | VL040747.D | 0.507           | 10042023T19:33:00 |
| 0.027           | 07312023T17:18:00 | VL040581.D | 0.027           | 07312023T20:41:00 | VL040772.D | 0.039           | 10122023T01:48:00 |
| 0.589           | 07272023T03:27:00 | VL040579.D | 0.52            | 07312023T19:20:00 | VL040747.D | 0.561           | 10042023T19:33:00 |
| 0.487           | 07272023T03:27:00 | VL040579.D | 0.46            | 07312023T19:20:00 | VL040747.D | 0.456           | 10042023T19:33:00 |
| 0.03            | 07312023T17:18:00 | VL040581.D | 0.033           | 07312023T20:41:00 | VL040772.D | 0.041           | 10122023T01:48:00 |

| Datafile16 | Concentration16 | Adate16           | Department | AVG<br>Concentration | Recovery |
|------------|-----------------|-------------------|------------|----------------------|----------|
| VL040805.D | 0.428           | 10252023T18:12:00 | VOC        | 0.45                 | 110      |
| VL040787.D | 0.04            | 10232023T20:32:00 | VOC        | 0.032                | 110      |
| VL040787.D | 0.04            | 10232023T20:32:00 | VOC        | 0.03                 | 100      |
| VL040805.D | 0.471           | 10252023T18:12:00 | VOC        | 0.42                 | 110      |
| VL040805.D | 0.476           | 10252023T18:12:00 | VOC        | 0.48                 | 120      |
| VL040805.D | 0.427           | 10252023T18:12:00 | VOC        | 0.46                 | 110      |
| VL040805.D | 0.47            | 10252023T18:12:00 | VOC        | 0.45                 | 110      |
| VL040805.D | 0.288           | 10252023T18:12:00 | VOC        | 0.31                 | 79       |
| VL040805.D | 0.435           | 10252023T18:12:00 | VOC        | 0.37                 | 93       |
| VL040805.D | 0.433           | 10252023T18:12:00 | VOC        | 0.38                 | 95       |
| VL040805.D | 0.405           | 10252023T18:12:00 | VOC        | 0.41                 | 100      |
| VL040805.D | 0.501           | 10252023T18:12:00 | VOC        | 0.44                 | 110      |
| VL040805.D | 0.456           | 10252023T18:12:00 | VOC        | 0.42                 | 100      |
| VL040805.D | 0.403           | 10252023T18:12:00 | VOC        | 0.35                 | 87       |
| VL040805.D | 0.455           | 10252023T18:12:00 | VOC        | 0.44                 | 110      |
| VL040805.D | 0.412           | 10252023T18:12:00 | VOC        | 0.4                  | 100      |
| VL040805.D | 0.414           | 10252023T18:12:00 | VOC        | 0.4                  | 100      |
| VL040805.D | 0.486           | 10252023T18:12:00 | VOC        | 0.38                 | 96       |
| VL040805.D | 0.434           | 10252023T18:12:00 | VOC        | 0.37                 | 93       |
| VL040805.D | 0.467           | 10252023T18:12:00 | VOC        | 0.42                 | 100      |
| VL040805.D | 0.42            | 10252023T18:12:00 | VOC        | 0.35                 | 88       |
| VL040805.D | 0.353           | 10252023T18:12:00 | VOC        | 0.3                  | 75       |
| VL040805.D | 0.397           | 10252023T18:12:00 | VOC        | 0.34                 | 84       |
| VL040805.D | 0.403           | 10252023T18:12:00 | VOC        | 0.34                 | 84       |
| VL040805.D | 0.576           | 10252023T18:12:00 | VOC        | 0.53                 | 130      |
| VL040805.D | 0.422           | 10252023T18:12:00 | VOC        | 0.43                 | 110      |
| VL040805.D | 0.445           | 10252023T18:12:00 | VOC        | 0.38                 | 96       |
| VL040805.D | 0.205           | 10252023T18:12:00 | VOC        | 0.36                 | 91       |
| VL040805.D | 0.458           | 10252023T18:12:00 | VOC        | 0.4                  | 100      |
| VL040805.D | 0.436           | 10252023T18:12:00 | VOC        | 0.44                 | 110      |
| VL040805.D | 0.34            | 10252023T18:12:00 | VOC        | 0.33                 | 82       |
| VL040805.D | 0.508           | 10252023T18:12:00 | VOC        | 0.47                 | 120      |
| VL040805.D | 0.361           | 10252023T18:12:00 | VOC        | 0.38                 | 95       |
| VL040787.D | 0.04            | 10232023T20:32:00 | VOC        | 0.031                | 100      |
| VL040805.D | 0.454           | 10252023T18:12:00 | VOC        | 0.45                 | 110      |
| VL040805.D | 0.517           | 10252023T18:12:00 | VOC        | 0.48                 | 120      |
| VL040805.D | 0.435           | 10252023T18:12:00 | VOC        | 0.47                 | 120      |
| VL040805.D | 0.487           | 10252023T18:12:00 | VOC        | 0.45                 | 110      |
| VL040805.D | 0.458           | 10252023T18:12:00 | VOC        | 0.46                 | 120      |
| VL040805.D | 0.435           | 10252023T18:12:00 | VOC        | 0.4                  | 99       |
| VL040805.D | 0.335           | 10252023T18:12:00 | VOC        | 0.3                  | 75       |
| VL040805.D | 0.416           | 10252023T18:12:00 | VOC        | 0.39                 | 96       |
| VL040805.D | 0.384           | 10252023T18:12:00 | VOC        | 0.36                 | 89       |
| VL040805.D | 0.516           | 10252023T18:12:00 | VOC        | 0.54                 | 140      |
| VL040805.D | 0.505           | 10252023T18:12:00 | VOC        | 0.48                 | 120      |
| VL040805.D | 0.404           | 10252023T18:12:00 | VOC        | 0.4                  | 100      |
| VL040805.D | 0.406           | 10252023T18:12:00 | VOC        | 0.33                 | 82       |
| VL040805.D | 0.404           | 10252023T18:12:00 | VOC        | 0.35                 | 88       |
| VL040805.D | 0.446           | 10252023T18:12:00 | VOC        | 0.45                 | 110      |
| VL040805.D | 0.452           | 10252023T18:12:00 | VOC        | 0.4                  | 100      |
| VL040805.D | 0.442           | 10252023T18:12:00 | VOC        | 0.45                 | 110      |
| VL040805.D | 0.435           | 10252023T18:12:00 | VOC        | 0.38                 | 96       |
| VL040805.D | 0.888           | 10252023T18:12:00 | VOC        | 0.72                 | 180      |
| VL040805.D | 0.348           | 10252023T18:12:00 | VOC        | 0.32                 | 80       |
| VL040805.D | 0.353           | 10252023T18:12:00 | VOC        | 0.41                 | 100      |
| VL040805.D | 0.619           | 10252023T18:12:00 | VOC        | 0.56                 | 140      |
| VL040805.D | 0.226           | 10252023T18:12:00 | VOC        | 0.27                 | 66       |
| VL040805.D | 0               | 10252023T18:12:00 | VOC        | 0.14                 | 35       |
| VL040805.D | 0.415           | 10252023T18:12:00 | VOC        | 0.35                 | 88       |
| VL040805.D | 0.389           | 10252023T18:12:00 | VOC        | 0.35                 | 89       |
| VL040805.D | 0.439           | 10252023T18:12:00 | VOC        | 0.35                 | 87       |
| VL040805.D | 0.381           | 10252023T18:12:00 | VOC        | 0.34                 | 85       |
| VL040805.D | 0.467           | 10252023T18:12:00 | VOC        | 0.46                 | 110      |
| VL040805.D | 0.449           | 10252023T18:12:00 | VOC        | 0.37                 | 93       |
| VL040805.D | 0.35            | 10252023T18:12:00 | VOC        | 0.27                 | 67       |
| VL040805.D | 0.291           | 10252023T18:12:00 | VOC        | 0.28                 | 70       |
| VL040805.D | 0.37            | 10252023T18:12:00 | VOC        | 0.45                 | 110      |
| VL040805.D | 0.427           | 10252023T18:12:00 | VOC        | 0.37                 | 92       |
| VL040787.D | 0.04            | 10232023T20:32:00 | VOC        | 0.032                | 110      |
| VL040805.D | 0.416           | 10252023T18:12:00 | VOC        | 0.35                 | 88       |
| VL040805.D | 0.38            | 10252023T18:12:00 | VOC        | 0.31                 | 78       |
| VL040805.D | 0.435           | 10252023T18:12:00 | VOC        | 0.43                 | 110      |
| VL040787.D | 0.05            | 10232023T20:32:00 | VOC        | 0.033                | 110      |
| VL040805.D | 0.506           | 10252023T18:12:00 | VOC        | 0.48                 | 120      |
| VL040805.D | 0.341           | 10252023T18:12:00 | VOC        | 0.43                 | 110      |
| VL040787.D | 0.04            | 10232023T20:32:00 | VOC        | 0.033                | 110      |
|            |                 |                   | VOC        | 0.544                | 136      |





# SAMPLE DATA

## Report of Analysis

|                    |                        |                 |          |
|--------------------|------------------------|-----------------|----------|
| Client:            | RMJ Environomics, Inc. | Date Collected: | 04/28/25 |
| Project:           | 32 Park St Orange NJ   | Date Received:  | 04/28/25 |
| Client Sample ID:  | B-1                    | SDG No.:        | Q1908    |
| Lab Sample ID:     | Q1908-01               | Matrix:         | Air      |
| Analytical Method: | TO-15                  | Test:           | TO-15    |
| Sample Wt/Vol:     | 400 Units: mL          |                 |          |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042443.D        | 1         |           | 04/29/25 13:11 | VL042925      |

| CAS Number     | Parameter                      | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|---------------|----------------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |               |                |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.49          | 2.42           | J         | 1.04  | 2.47       | ug/m3 |
| 74-87-3        | Chloromethane                  | 0.41          | 0.85           | J         | 0.21  | 1.03       | ug/m3 |
| 75-01-4        | Vinyl Chloride                 | 0.010         | 0.030          | U         | 0.030 | 0.080      | ug/m3 |
| 74-83-9        | Bromomethane                   | 0.14          | 0.54           | U         | 0.54  | 1.94       | ug/m3 |
| 75-00-3        | Chloroethane                   | 0.17          | 0.45           | U         | 0.45  | 1.32       | ug/m3 |
| 109-99-9       | Tetrahydrofuran                | 0.13          | 0.38           | U         | 0.38  | 1.47       | ug/m3 |
| 75-69-4        | Trichlorofluoromethane         | 0.21          | 1.18           | J         | 0.90  | 2.81       | ug/m3 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.16          | 1.23           | U         | 1.23  | 3.83       | ug/m3 |
| 76-14-2        | Dichlorotetrafluoroethane      | 0.090         | 0.63           | U         | 0.63  | 3.49       | ug/m3 |
| 75-65-0        | tert-Butyl alcohol             | 0.19          | 0.58           | U         | 0.58  | 1.52       | ug/m3 |
| 142-82-5       | Heptane                        | 0.11          | 0.45           | U         | 0.45  | 2.05       | ug/m3 |
| 75-35-4        | 1,1-Dichloroethene             | 0.14          | 0.56           | U         | 0.56  | 1.98       | ug/m3 |
| 67-64-1        | Acetone                        | 11.0          | 26.1           |           | 0.57  | 1.19       | ug/m3 |
| 75-15-0        | Carbon Disulfide               | 0.16          | 0.50           | U         | 0.50  | 1.56       | ug/m3 |
| 1634-04-4      | Methyl tert-Butyl Ether        | 0.12          | 0.43           | U         | 0.43  | 1.80       | ug/m3 |
| 75-09-2        | Methylene Chloride             | 0.54          | 1.88           |           | 0.66  | 1.74       | ug/m3 |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.19          | 0.75           | U         | 0.75  | 1.98       | ug/m3 |
| 75-34-3        | 1,1-Dichloroethane             | 0.13          | 0.53           | U         | 0.53  | 2.02       | ug/m3 |
| 110-82-7       | Cyclohexane                    | 0.22          | 0.76           | U         | 0.76  | 1.72       | ug/m3 |
| 78-93-3        | 2-Butanone                     | 2.40          | 7.08           |           | 0.35  | 1.47       | ug/m3 |
| 56-23-5        | Carbon Tetrachloride           | 0.060         | 0.38           |           | 0.060 | 0.19       | ug/m3 |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.090         | 0.36           | U         | 0.36  | 1.98       | ug/m3 |
| 67-66-3        | Chloroform                     | 0.080         | 0.39           | U         | 0.39  | 2.44       | ug/m3 |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.010         | 0.050          | U         | 0.050 | 0.16       | ug/m3 |
| 540-84-1       | 2,2,4-Trimethylpentane         | 0.10          | 0.47           | U         | 0.47  | 2.34       | ug/m3 |
| 71-43-2        | Benzene                        | 0.090         | 0.29           | U         | 0.29  | 1.60       | ug/m3 |
| 107-06-2       | 1,2-Dichloroethane             | 0.090         | 0.36           | U         | 0.36  | 2.02       | ug/m3 |
| 79-01-6        | Trichloroethene                | 0.020         | 0.11           | U         | 0.11  | 0.16       | ug/m3 |
| 78-87-5        | 1,2-Dichloropropane            | 0.11          | 0.51           | U         | 0.51  | 2.31       | ug/m3 |
| 75-27-4        | Bromodichloromethane           | 0.080         | 0.54           | U         | 0.54  | 3.35       | ug/m3 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 0.090         | 0.37           | U         | 0.37  | 2.05       | ug/m3 |
| 108-88-3       | Toluene                        | 0.15          | 0.57           | J         | 0.41  | 1.88       | ug/m3 |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.060         | 0.27           | U         | 0.27  | 2.27       | ug/m3 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.060         | 0.27           | U         | 0.27  | 2.27       | ug/m3 |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.070         | 0.38           | U         | 0.38  | 2.73       | ug/m3 |

## Report of Analysis

|                    |                        |                 |          |
|--------------------|------------------------|-----------------|----------|
| Client:            | RMJ Environomics, Inc. | Date Collected: | 04/28/25 |
| Project:           | 32 Park St Orange NJ   | Date Received:  | 04/28/25 |
| Client Sample ID:  | B-1                    | SDG No.:        | Q1908    |
| Lab Sample ID:     | Q1908-01               | Matrix:         | Air      |
| Analytical Method: | TO-15                  | Test:           | TO-15    |
| Sample Wt/Vol:     | 400 Units: mL          |                 |          |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042443.D        | 1         |           | 04/29/25 13:11 | VL042925      |

| CAS Number                | Parameter                 | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|---------------------------|---------------|----------------|-----------|---------------------|------------|---------|
| 124-48-1                  | Dibromochloromethane      | 0.070         | 0.60           | U         | 0.60                | 4.26       | ug/m3   |
| 106-93-4                  | 1,2-Dibromoethane         | 0.070         | 0.54           | U         | 0.54                | 0.77       | ug/m3   |
| 127-18-4                  | Tetrachloroethene         | 0.050         | 0.34           |           | 0.14                | 0.20       | ug/m3   |
| 108-90-7                  | Chlorobenzene             | 0.080         | 0.37           | U         | 0.37                | 2.30       | ug/m3   |
| 100-41-4                  | Ethyl Benzene             | 0.12          | 0.52           | U         | 0.52                | 2.17       | ug/m3   |
| 179601-23-1               | m/p-Xylene                | 0.21          | 0.91           | U         | 0.91                | 4.34       | ug/m3   |
| 95-47-6                   | o-Xylene                  | 0.12          | 0.52           | U         | 0.52                | 2.17       | ug/m3   |
| 100-42-5                  | Styrene                   | 0.11          | 0.47           | U         | 0.47                | 2.13       | ug/m3   |
| 75-25-2                   | Bromoform                 | 0.060         | 0.62           | U         | 0.62                | 5.17       | ug/m3   |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 0.010         | 0.070          | U         | 0.070               | 0.21       | ug/m3   |
| 95-49-8                   | 2-Chlorotoluene           | 0.11          | 0.57           | U         | 0.57                | 2.59       | ug/m3   |
| 108-67-8                  | 1,3,5-Trimethylbenzene    | 0.11          | 0.54           | U         | 0.54                | 2.46       | ug/m3   |
| 95-63-6                   | 1,2,4-Trimethylbenzene    | 0.13          | 0.64           | J         | 0.39                | 2.46       | ug/m3   |
| 541-73-1                  | 1,3-Dichlorobenzene       | 0.080         | 0.48           | U         | 0.48                | 3.01       | ug/m3   |
| 106-46-7                  | 1,4-Dichlorobenzene       | 0.050         | 0.30           | U         | 0.30                | 3.01       | ug/m3   |
| 95-50-1                   | 1,2-Dichlorobenzene       | 0.080         | 0.48           | U         | 0.48                | 3.01       | ug/m3   |
| 120-82-1                  | 1,2,4-Trichlorobenzene    | 0.090         | 0.67           | U         | 0.67                | 3.71       | ug/m3   |
| 87-68-3                   | Hexachloro-1,3-Butadiene  | 0.090         | 0.96           | U         | 0.96                | 5.33       | ug/m3   |
| 106-99-0                  | 1,3-Butadiene             | 0.13          | 0.29           | U         | 0.29                | 1.11       | ug/m3   |
| 91-20-3                   | Naphthalene               | 0.080         | 0.42           | U         | 0.42                | 0.52       | ug/m3   |
| 622-96-8                  | 4-Ethyltoluene            | 0.12          | 0.59           | U         | 0.59                | 2.46       | ug/m3   |
| 110-54-3                  | Hexane                    | 0.33          | 1.16           | J         | 0.39                | 1.76       | ug/m3   |
| 107-05-1                  | Allyl Chloride            | 0.15          | 0.47           | U         | 0.47                | 1.57       | ug/m3   |
| 123-91-1                  | 1,4-Dioxane               | 0.21          | 0.76           | U         | 0.76                | 1.80       | ug/m3   |
| 80-62-6                   | Methyl Methacrylate       | 0.090         | 0.37           | U         | 0.37                | 2.05       | ug/m3   |
| <b>SURROGATES</b>         |                           |               |                |           |                     |            |         |
| 460-00-4                  | 1-Bromo-4-Fluorobenzene   | 11.0          |                |           | 70 (65) - 130 (135) | 110%       | SPK: 10 |
| <b>INTERNAL STANDARDS</b> |                           |               |                |           |                     |            |         |
| 74-97-5                   | Bromochloromethane        | 116000        |                | 2.79      |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene       | 309000        |                | 3.965     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5          | 265000        |                | 8.888     |                     |            |         |

## Report of Analysis

|                    |                        |                 |          |
|--------------------|------------------------|-----------------|----------|
| Client:            | RMJ Environomics, Inc. | Date Collected: | 04/28/25 |
| Project:           | 32 Park St Orange NJ   | Date Received:  | 04/28/25 |
| Client Sample ID:  | B-1                    | SDG No.:        | Q1908    |
| Lab Sample ID:     | Q1908-01               | Matrix:         | Air      |
| Analytical Method: | TO-15                  | Test:           | TO-15    |
| Sample Wt/Vol:     | 400      Units:    mL  |                 |          |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042443.D        | 1         |           | 04/29/25 13:11 | VL042925      |

| CAS Number | Parameter | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|---------------|----------------|-----------|-----|------------|-------|
|------------|-----------|---------------|----------------|-----------|-----|------------|-------|

U = Not Detected  
 RL = Reporting Limit  
 MDL = Method Detection Limit  
 E = Value Exceeds Calibration Range  
 D = Dilution

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 Q = indicates LCS control criteria did not meet requirements

## Report of Analysis

|                    |                        |                 |          |
|--------------------|------------------------|-----------------|----------|
| Client:            | RMJ Environomics, Inc. | Date Collected: | 04/28/25 |
| Project:           | 32 Park St Orange NJ   | Date Received:  | 04/28/25 |
| Client Sample ID:  | B-2                    | SDG No.:        | Q1908    |
| Lab Sample ID:     | Q1908-02               | Matrix:         | Air      |
| Analytical Method: | TO-15                  | Test:           | TO-15    |
| Sample Wt/Vol:     | 400 Units: mL          |                 |          |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042456.D        | 1         |           | 04/29/25 21:58 | VL042925      |

| CAS Number     | Parameter                      | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|---------------|----------------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |               |                |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.49          | 2.42           | J         | 1.04  | 2.47       | ug/m3 |
| 74-87-3        | Chloromethane                  | 0.48          | 0.99           | J         | 0.21  | 1.03       | ug/m3 |
| 75-01-4        | Vinyl Chloride                 | 0.010         | 0.030          | U         | 0.030 | 0.080      | ug/m3 |
| 74-83-9        | Bromomethane                   | 0.14          | 0.54           | U         | 0.54  | 1.94       | ug/m3 |
| 75-00-3        | Chloroethane                   | 0.17          | 0.45           | U         | 0.45  | 1.32       | ug/m3 |
| 109-99-9       | Tetrahydrofuran                | 0.13          | 0.38           | U         | 0.38  | 1.47       | ug/m3 |
| 75-69-4        | Trichlorofluoromethane         | 0.25          | 1.40           | J         | 0.90  | 2.81       | ug/m3 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.16          | 1.23           | U         | 1.23  | 3.83       | ug/m3 |
| 76-14-2        | Dichlorotetrafluoroethane      | 0.090         | 0.63           | U         | 0.63  | 3.49       | ug/m3 |
| 75-65-0        | tert-Butyl alcohol             | 0.19          | 0.58           | U         | 0.58  | 1.52       | ug/m3 |
| 142-82-5       | Heptane                        | 0.11          | 0.45           | U         | 0.45  | 2.05       | ug/m3 |
| 75-35-4        | 1,1-Dichloroethene             | 0.14          | 0.56           | U         | 0.56  | 1.98       | ug/m3 |
| 67-64-1        | Acetone                        | 3.10          | 7.36           |           | 0.57  | 1.19       | ug/m3 |
| 75-15-0        | Carbon Disulfide               | 0.16          | 0.50           | U         | 0.50  | 1.56       | ug/m3 |
| 1634-04-4      | Methyl tert-Butyl Ether        | 0.12          | 0.43           | U         | 0.43  | 1.80       | ug/m3 |
| 75-09-2        | Methylene Chloride             | 8.10          | 28.1           |           | 0.66  | 1.74       | ug/m3 |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.19          | 0.75           | U         | 0.75  | 1.98       | ug/m3 |
| 75-34-3        | 1,1-Dichloroethane             | 0.13          | 0.53           | U         | 0.53  | 2.02       | ug/m3 |
| 110-82-7       | Cyclohexane                    | 0.22          | 0.76           | U         | 0.76  | 1.72       | ug/m3 |
| 78-93-3        | 2-Butanone                     | 0.20          | 0.59           | J         | 0.35  | 1.47       | ug/m3 |
| 56-23-5        | Carbon Tetrachloride           | 0.070         | 0.44           |           | 0.060 | 0.19       | ug/m3 |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.090         | 0.36           | U         | 0.36  | 1.98       | ug/m3 |
| 67-66-3        | Chloroform                     | 0.080         | 0.39           | U         | 0.39  | 2.44       | ug/m3 |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.010         | 0.050          | U         | 0.050 | 0.16       | ug/m3 |
| 540-84-1       | 2,2,4-Trimethylpentane         | 0.10          | 0.47           | U         | 0.47  | 2.34       | ug/m3 |
| 71-43-2        | Benzene                        | 0.090         | 0.29           | U         | 0.29  | 1.60       | ug/m3 |
| 107-06-2       | 1,2-Dichloroethane             | 0.090         | 0.36           | U         | 0.36  | 2.02       | ug/m3 |
| 79-01-6        | Trichloroethene                | 0.020         | 0.11           | U         | 0.11  | 0.16       | ug/m3 |
| 78-87-5        | 1,2-Dichloropropane            | 0.11          | 0.51           | U         | 0.51  | 2.31       | ug/m3 |
| 75-27-4        | Bromodichloromethane           | 0.080         | 0.54           | U         | 0.54  | 3.35       | ug/m3 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 0.090         | 0.37           | U         | 0.37  | 2.05       | ug/m3 |
| 108-88-3       | Toluene                        | 0.11          | 0.41           | U         | 0.41  | 1.88       | ug/m3 |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.060         | 0.27           | U         | 0.27  | 2.27       | ug/m3 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.060         | 0.27           | U         | 0.27  | 2.27       | ug/m3 |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.070         | 0.38           | U         | 0.38  | 2.73       | ug/m3 |

## Report of Analysis

|                    |                        |                 |          |
|--------------------|------------------------|-----------------|----------|
| Client:            | RMJ Environomics, Inc. | Date Collected: | 04/28/25 |
| Project:           | 32 Park St Orange NJ   | Date Received:  | 04/28/25 |
| Client Sample ID:  | B-2                    | SDG No.:        | Q1908    |
| Lab Sample ID:     | Q1908-02               | Matrix:         | Air      |
| Analytical Method: | TO-15                  | Test:           | TO-15    |
| Sample Wt/Vol:     | 400 Units: mL          |                 |          |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042456.D        | 1         |           | 04/29/25 21:58 | VL042925      |

| CAS Number                | Parameter                 | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|---------------------------|---------------|----------------|-----------|---------------------|------------|---------|
| 124-48-1                  | Dibromochloromethane      | 0.070         | 0.60           | U         | 0.60                | 4.26       | ug/m3   |
| 106-93-4                  | 1,2-Dibromoethane         | 0.070         | 0.54           | U         | 0.54                | 0.77       | ug/m3   |
| 127-18-4                  | Tetrachloroethene         | 0.020         | 0.14           | U         | 0.14                | 0.20       | ug/m3   |
| 108-90-7                  | Chlorobenzene             | 0.080         | 0.37           | U         | 0.37                | 2.30       | ug/m3   |
| 100-41-4                  | Ethyl Benzene             | 0.12          | 0.52           | U         | 0.52                | 2.17       | ug/m3   |
| 179601-23-1               | m/p-Xylene                | 0.21          | 0.91           | U         | 0.91                | 4.34       | ug/m3   |
| 95-47-6                   | o-Xylene                  | 0.12          | 0.52           | U         | 0.52                | 2.17       | ug/m3   |
| 100-42-5                  | Styrene                   | 0.11          | 0.47           | U         | 0.47                | 2.13       | ug/m3   |
| 75-25-2                   | Bromoform                 | 0.060         | 0.62           | U         | 0.62                | 5.17       | ug/m3   |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 0.010         | 0.070          | U         | 0.070               | 0.21       | ug/m3   |
| 95-49-8                   | 2-Chlorotoluene           | 0.11          | 0.57           | U         | 0.57                | 2.59       | ug/m3   |
| 108-67-8                  | 1,3,5-Trimethylbenzene    | 0.11          | 0.54           | U         | 0.54                | 2.46       | ug/m3   |
| 95-63-6                   | 1,2,4-Trimethylbenzene    | 0.080         | 0.39           | U         | 0.39                | 2.46       | ug/m3   |
| 541-73-1                  | 1,3-Dichlorobenzene       | 0.080         | 0.48           | U         | 0.48                | 3.01       | ug/m3   |
| 106-46-7                  | 1,4-Dichlorobenzene       | 0.050         | 0.30           | U         | 0.30                | 3.01       | ug/m3   |
| 95-50-1                   | 1,2-Dichlorobenzene       | 0.080         | 0.48           | U         | 0.48                | 3.01       | ug/m3   |
| 120-82-1                  | 1,2,4-Trichlorobenzene    | 0.090         | 0.67           | U         | 0.67                | 3.71       | ug/m3   |
| 87-68-3                   | Hexachloro-1,3-Butadiene  | 0.090         | 0.96           | U         | 0.96                | 5.33       | ug/m3   |
| 106-99-0                  | 1,3-Butadiene             | 0.13          | 0.29           | U         | 0.29                | 1.11       | ug/m3   |
| 91-20-3                   | Naphthalene               | 0.080         | 0.42           | U         | 0.42                | 0.52       | ug/m3   |
| 622-96-8                  | 4-Ethyltoluene            | 0.12          | 0.59           | U         | 0.59                | 2.46       | ug/m3   |
| 110-54-3                  | Hexane                    | 1.60          | 5.64           |           | 0.39                | 1.76       | ug/m3   |
| 107-05-1                  | Allyl Chloride            | 0.15          | 0.47           | U         | 0.47                | 1.57       | ug/m3   |
| 123-91-1                  | 1,4-Dioxane               | 0.21          | 0.76           | U         | 0.76                | 1.80       | ug/m3   |
| 80-62-6                   | Methyl Methacrylate       | 0.090         | 0.37           | U         | 0.37                | 2.05       | ug/m3   |
| <b>SURROGATES</b>         |                           |               |                |           |                     |            |         |
| 460-00-4                  | 1-Bromo-4-Fluorobenzene   | 11.3          |                |           | 70 (65) - 130 (135) | 113%       | SPK: 10 |
| <b>INTERNAL STANDARDS</b> |                           |               |                |           |                     |            |         |
| 74-97-5                   | Bromochloromethane        | 112000        |                | 2.79      |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene       | 295000        |                | 3.965     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5          | 247000        |                | 8.888     |                     |            |         |

## Report of Analysis

|                    |                        |                 |          |
|--------------------|------------------------|-----------------|----------|
| Client:            | RMJ Environomics, Inc. | Date Collected: | 04/28/25 |
| Project:           | 32 Park St Orange NJ   | Date Received:  | 04/28/25 |
| Client Sample ID:  | B-2                    | SDG No.:        | Q1908    |
| Lab Sample ID:     | Q1908-02               | Matrix:         | Air      |
| Analytical Method: | TO-15                  | Test:           | TO-15    |
| Sample Wt/Vol:     | 400      Units:    mL  |                 |          |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042456.D        | 1         |           | 04/29/25 21:58 | VL042925      |

| CAS Number | Parameter | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|---------------|----------------|-----------|-----|------------|-------|
|------------|-----------|---------------|----------------|-----------|-----|------------|-------|

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

## Report of Analysis

|                    |                        |                 |          |
|--------------------|------------------------|-----------------|----------|
| Client:            | RMJ Environomics, Inc. | Date Collected: | 04/28/25 |
| Project:           | 32 Park St Orange NJ   | Date Received:  | 04/28/25 |
| Client Sample ID:  | B-3                    | SDG No.:        | Q1908    |
| Lab Sample ID:     | Q1908-03               | Matrix:         | Air      |
| Analytical Method: | TO-15                  | Test:           | TO-15    |
| Sample Wt/Vol:     | 400 Units: mL          |                 |          |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042445.D        | 1         |           | 04/29/25 14:19 | VL042925      |

| CAS Number     | Parameter                      | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|---------------|----------------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |               |                |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.49          | 2.42           | J         | 1.04  | 2.47       | ug/m3 |
| 74-87-3        | Chloromethane                  | 0.47          | 0.97           | J         | 0.21  | 1.03       | ug/m3 |
| 75-01-4        | Vinyl Chloride                 | 0.010         | 0.030          | U         | 0.030 | 0.080      | ug/m3 |
| 74-83-9        | Bromomethane                   | 0.14          | 0.54           | U         | 0.54  | 1.94       | ug/m3 |
| 75-00-3        | Chloroethane                   | 0.17          | 0.45           | U         | 0.45  | 1.32       | ug/m3 |
| 109-99-9       | Tetrahydrofuran                | 0.13          | 0.38           | U         | 0.38  | 1.47       | ug/m3 |
| 75-69-4        | Trichlorofluoromethane         | 0.23          | 1.29           | J         | 0.90  | 2.81       | ug/m3 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.16          | 1.23           | U         | 1.23  | 3.83       | ug/m3 |
| 76-14-2        | Dichlorotetrafluoroethane      | 0.090         | 0.63           | U         | 0.63  | 3.49       | ug/m3 |
| 75-65-0        | tert-Butyl alcohol             | 0.19          | 0.58           | U         | 0.58  | 1.52       | ug/m3 |
| 142-82-5       | Heptane                        | 0.11          | 0.45           | U         | 0.45  | 2.05       | ug/m3 |
| 75-35-4        | 1,1-Dichloroethene             | 0.14          | 0.56           | U         | 0.56  | 1.98       | ug/m3 |
| 67-64-1        | Acetone                        | 3.50          | 8.31           |           | 0.57  | 1.19       | ug/m3 |
| 75-15-0        | Carbon Disulfide               | 0.16          | 0.50           | U         | 0.50  | 1.56       | ug/m3 |
| 1634-04-4      | Methyl tert-Butyl Ether        | 0.12          | 0.43           | U         | 0.43  | 1.80       | ug/m3 |
| 75-09-2        | Methylene Chloride             | 0.38          | 1.32           | J         | 0.66  | 1.74       | ug/m3 |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.19          | 0.75           | U         | 0.75  | 1.98       | ug/m3 |
| 75-34-3        | 1,1-Dichloroethane             | 0.13          | 0.53           | U         | 0.53  | 2.02       | ug/m3 |
| 110-82-7       | Cyclohexane                    | 0.22          | 0.76           | U         | 0.76  | 1.72       | ug/m3 |
| 78-93-3        | 2-Butanone                     | 0.52          | 1.53           |           | 0.35  | 1.47       | ug/m3 |
| 56-23-5        | Carbon Tetrachloride           | 0.070         | 0.44           |           | 0.060 | 0.19       | ug/m3 |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.090         | 0.36           | U         | 0.36  | 1.98       | ug/m3 |
| 67-66-3        | Chloroform                     | 0.080         | 0.39           | U         | 0.39  | 2.44       | ug/m3 |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.010         | 0.050          | U         | 0.050 | 0.16       | ug/m3 |
| 540-84-1       | 2,2,4-Trimethylpentane         | 0.10          | 0.47           | U         | 0.47  | 2.34       | ug/m3 |
| 71-43-2        | Benzene                        | 0.090         | 0.29           | U         | 0.29  | 1.60       | ug/m3 |
| 107-06-2       | 1,2-Dichloroethane             | 0.090         | 0.36           | U         | 0.36  | 2.02       | ug/m3 |
| 79-01-6        | Trichloroethene                | 0.020         | 0.11           | U         | 0.11  | 0.16       | ug/m3 |
| 78-87-5        | 1,2-Dichloropropane            | 0.11          | 0.51           | U         | 0.51  | 2.31       | ug/m3 |
| 75-27-4        | Bromodichloromethane           | 0.080         | 0.54           | U         | 0.54  | 3.35       | ug/m3 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 0.090         | 0.37           | U         | 0.37  | 2.05       | ug/m3 |
| 108-88-3       | Toluene                        | 0.15          | 0.57           | J         | 0.41  | 1.88       | ug/m3 |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.060         | 0.27           | U         | 0.27  | 2.27       | ug/m3 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.060         | 0.27           | U         | 0.27  | 2.27       | ug/m3 |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.070         | 0.38           | U         | 0.38  | 2.73       | ug/m3 |

## Report of Analysis

|                    |                        |                 |          |
|--------------------|------------------------|-----------------|----------|
| Client:            | RMJ Environomics, Inc. | Date Collected: | 04/28/25 |
| Project:           | 32 Park St Orange NJ   | Date Received:  | 04/28/25 |
| Client Sample ID:  | B-3                    | SDG No.:        | Q1908    |
| Lab Sample ID:     | Q1908-03               | Matrix:         | Air      |
| Analytical Method: | TO-15                  | Test:           | TO-15    |
| Sample Wt/Vol:     | 400 Units: mL          |                 |          |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042445.D        | 1         |           | 04/29/25 14:19 | VL042925      |

| CAS Number                | Parameter                 | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|---------------------------|---------------|----------------|-----------|---------------------|------------|---------|
| 124-48-1                  | Dibromochloromethane      | 0.070         | 0.60           | U         | 0.60                | 4.26       | ug/m3   |
| 106-93-4                  | 1,2-Dibromoethane         | 0.070         | 0.54           | U         | 0.54                | 0.77       | ug/m3   |
| 127-18-4                  | Tetrachloroethene         | 0.020         | 0.14           | U         | 0.14                | 0.20       | ug/m3   |
| 108-90-7                  | Chlorobenzene             | 0.080         | 0.37           | U         | 0.37                | 2.30       | ug/m3   |
| 100-41-4                  | Ethyl Benzene             | 0.12          | 0.52           | U         | 0.52                | 2.17       | ug/m3   |
| 179601-23-1               | m/p-Xylene                | 0.21          | 0.91           | U         | 0.91                | 4.34       | ug/m3   |
| 95-47-6                   | o-Xylene                  | 0.12          | 0.52           | U         | 0.52                | 2.17       | ug/m3   |
| 100-42-5                  | Styrene                   | 0.11          | 0.47           | U         | 0.47                | 2.13       | ug/m3   |
| 75-25-2                   | Bromoform                 | 0.060         | 0.62           | U         | 0.62                | 5.17       | ug/m3   |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 0.010         | 0.070          | U         | 0.070               | 0.21       | ug/m3   |
| 95-49-8                   | 2-Chlorotoluene           | 0.11          | 0.57           | U         | 0.57                | 2.59       | ug/m3   |
| 108-67-8                  | 1,3,5-Trimethylbenzene    | 0.11          | 0.54           | U         | 0.54                | 2.46       | ug/m3   |
| 95-63-6                   | 1,2,4-Trimethylbenzene    | 0.080         | 0.39           | U         | 0.39                | 2.46       | ug/m3   |
| 541-73-1                  | 1,3-Dichlorobenzene       | 0.080         | 0.48           | U         | 0.48                | 3.01       | ug/m3   |
| 106-46-7                  | 1,4-Dichlorobenzene       | 0.050         | 0.30           | U         | 0.30                | 3.01       | ug/m3   |
| 95-50-1                   | 1,2-Dichlorobenzene       | 0.080         | 0.48           | U         | 0.48                | 3.01       | ug/m3   |
| 120-82-1                  | 1,2,4-Trichlorobenzene    | 0.090         | 0.67           | U         | 0.67                | 3.71       | ug/m3   |
| 87-68-3                   | Hexachloro-1,3-Butadiene  | 0.090         | 0.96           | U         | 0.96                | 5.33       | ug/m3   |
| 106-99-0                  | 1,3-Butadiene             | 0.13          | 0.29           | U         | 0.29                | 1.11       | ug/m3   |
| 91-20-3                   | Naphthalene               | 0.080         | 0.42           | U         | 0.42                | 0.52       | ug/m3   |
| 622-96-8                  | 4-Ethyltoluene            | 0.12          | 0.59           | U         | 0.59                | 2.46       | ug/m3   |
| 110-54-3                  | Hexane                    | 1.80          | 6.34           |           | 0.39                | 1.76       | ug/m3   |
| 107-05-1                  | Allyl Chloride            | 0.15          | 0.47           | U         | 0.47                | 1.57       | ug/m3   |
| 123-91-1                  | 1,4-Dioxane               | 0.21          | 0.76           | U         | 0.76                | 1.80       | ug/m3   |
| 80-62-6                   | Methyl Methacrylate       | 0.090         | 0.37           | U         | 0.37                | 2.05       | ug/m3   |
| <b>SURROGATES</b>         |                           |               |                |           |                     |            |         |
| 460-00-4                  | 1-Bromo-4-Fluorobenzene   | 11.1          |                |           | 70 (65) - 130 (135) | 111%       | SPK: 10 |
| <b>INTERNAL STANDARDS</b> |                           |               |                |           |                     |            |         |
| 74-97-5                   | Bromochloromethane        | 117000        |                | 2.794     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene       | 304000        |                | 3.966     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5          | 256000        |                | 8.889     |                     |            |         |

## Report of Analysis

|                    |                        |                 |          |
|--------------------|------------------------|-----------------|----------|
| Client:            | RMJ Environomics, Inc. | Date Collected: | 04/28/25 |
| Project:           | 32 Park St Orange NJ   | Date Received:  | 04/28/25 |
| Client Sample ID:  | B-3                    | SDG No.:        | Q1908    |
| Lab Sample ID:     | Q1908-03               | Matrix:         | Air      |
| Analytical Method: | TO-15                  | Test:           | TO-15    |
| Sample Wt/Vol:     | 400      Units:    mL  |                 |          |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042445.D        | 1         |           | 04/29/25 14:19 | VL042925      |

| CAS Number | Parameter | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|---------------|----------------|-----------|-----|------------|-------|
|------------|-----------|---------------|----------------|-----------|-----|------------|-------|

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements



# QC SUMMARY

A

B

C

D

E

F

G

H

I

## Surrogate Summary

SDG No.: Q1908

Client: RMJ Environomics, Inc.

Analytical Method: SWTO-15

| Lab Sample ID | Client ID   | Parameter               | Spike | Result | RecoveryQual | Limits  |           |
|---------------|-------------|-------------------------|-------|--------|--------------|---------|-----------|
|               |             |                         |       |        |              | Low     | High      |
| Q1908-01      | B-1         | 1-Bromo-4-Fluorobenzene | 10    | 11.0   | 110          | 70 (65) | 130 (135) |
| Q1908-01DUP   | B-1DUP      | 1-Bromo-4-Fluorobenzene | 10    | 11.1   | 111          | 70 (65) | 130 (135) |
| Q1908-02      | B-2         | 1-Bromo-4-Fluorobenzene | 10    | 11.3   | 113          | 70 (65) | 130 (135) |
| Q1908-03      | B-3         | 1-Bromo-4-Fluorobenzene | 10    | 11.1   | 111          | 70 (65) | 130 (135) |
| VL0429ABL01   | VL0429ABL01 | 1-Bromo-4-Fluorobenzene | 10    | 10.6   | 106          | 70 (65) | 130 (135) |
| VL0429ABS01   | VL0429ABS01 | 1-Bromo-4-Fluorobenzene | 10    | 11.3   | 113          | 70 (65) | 130 (135) |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1908

Client: RMJ Environomics, Inc.

Analytical Method: SWTO-15

Datafile : VL042438.D

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low     | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|---------|----------------|-----|
| VL0429ABS01   | Dichlorodifluoromethane        | 10    | 11.6   | ppbv | 116 |     |      | 40 (70) | 160 (130)      |     |
|               | Chloromethane                  | 10    | 11.0   | ppbv | 110 |     |      | 40 (70) | 160 (130)      |     |
|               | Vinyl Chloride                 | 10    | 9.60   | ppbv | 96  |     |      | 70 (70) | 130 (130)      |     |
|               | Bromomethane                   | 10    | 10.7   | ppbv | 107 |     |      | 40 (70) | 160 (130)      |     |
|               | Chloroethane                   | 10    | 10.5   | ppbv | 105 |     |      | 40 (70) | 160 (130)      |     |
|               | Tetrahydrofuran                | 10    | 8.50   | ppbv | 85  |     |      | 70 (70) | 130 (130)      |     |
|               | Trichlorofluoromethane         | 10    | 11.5   | ppbv | 115 |     |      | 40 (70) | 160 (130)      |     |
|               | 1,1,2-Trichlorotrifluoroethane | 10    | 10.9   | ppbv | 109 |     |      | 70 (70) | 130 (130)      |     |
|               | Dichlorotetrafluoroethane      | 10    | 11.2   | ppbv | 112 |     |      | 70 (70) | 130 (130)      |     |
|               | tert-Butyl Alcohol             | 10    | 9.70   | ppbv | 97  |     |      | 70 (70) | 130 (130)      |     |
|               | Heptane                        | 10    | 7.60   | ppbv | 76  |     |      | 70 (70) | 130 (130)      |     |
|               | 1,1-Dichloroethene             | 10    | 10.2   | ppbv | 102 |     |      | 70 (70) | 130 (130)      |     |
|               | Acetone                        | 10    | 9.90   | ppbv | 99  |     |      | 40 (70) | 160 (130)      |     |
|               | Carbon disulfide               | 10    | 10.4   | ppbv | 104 |     |      | 40 (70) | 160 (130)      |     |
|               | Methyl tert-butyl Ether        | 10    | 9.30   | ppbv | 93  |     |      | 70 (70) | 130 (130)      |     |
|               | Methylene Chloride             | 10    | 9.00   | ppbv | 90  |     |      | 70 (70) | 130 (130)      |     |
|               | trans-1,2-Dichloroethene       | 10    | 9.90   | ppbv | 99  |     |      | 70 (70) | 130 (130)      |     |
|               | 1,1-Dichloroethane             | 10    | 10.9   | ppbv | 109 |     |      | 70 (70) | 130 (130)      |     |
|               | Cyclohexane                    | 10    | 8.60   | ppbv | 86  |     |      | 70 (70) | 130 (130)      |     |
|               | 2-Butanone                     | 10    | 9.30   | ppbv | 93  |     |      | 40 (70) | 160 (130)      |     |
|               | Carbon Tetrachloride           | 10    | 11.0   | ppbv | 110 |     |      | 70 (70) | 130 (130)      |     |
|               | cis-1,2-Dichloroethene         | 10    | 9.60   | ppbv | 96  |     |      | 70 (70) | 130 (130)      |     |
|               | Chloroform                     | 10    | 10.6   | ppbv | 106 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,1,1-Trichloroethane          | 10    | 10.3   | ppbv | 103 |     |      | 70 (70) | 130 (130)      |     |
|               | 2,2,4-Trimethylpentane         | 10    | 9.00   | ppbv | 90  |     |      | 70 (70) | 130 (130)      |     |
|               | Benzene                        | 10    | 9.30   | ppbv | 93  |     |      | 70 (70) | 130 (130)      |     |
|               | 1,2-Dichloroethane             | 10    | 12.0   | ppbv | 120 |     |      | 70 (70) | 130 (130)      |     |
|               | Trichloroethene                | 10    | 8.50   | ppbv | 85  |     |      | 70 (70) | 130 (130)      |     |
|               | 1,2-Dichloropropane            | 10    | 9.00   | ppbv | 90  |     |      | 70 (70) | 130 (130)      |     |
|               | Bromodichloromethane           | 10    | 11.1   | ppbv | 111 |     |      | 70 (70) | 130 (130)      |     |
|               | 4-Methyl-2-Pentanone           | 10    | 7.80   | ppbv | 78  |     |      | 40 (70) | 160 (130)      |     |
|               | Toluene                        | 10    | 8.80   | ppbv | 88  |     |      | 70 (70) | 130 (130)      |     |
|               | t-1,3-Dichloropropene          | 10    | 8.90   | ppbv | 89  |     |      | 70 (70) | 130 (130)      |     |
|               | cis-1,3-Dichloropropene        | 10    | 8.80   | ppbv | 88  |     |      | 70 (70) | 130 (130)      |     |
|               | 1,1,2-Trichloroethane          | 10    | 9.90   | ppbv | 99  |     |      | 70 (70) | 130 (130)      |     |
|               | Dibromochloromethane           | 10    | 10.2   | ppbv | 102 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,2-Dibromoethane              | 10    | 9.60   | ppbv | 96  |     |      | 70 (70) | 130 (130)      |     |
|               | Tetrachloroethene              | 10    | 8.00   | ppbv | 80  |     |      | 70 (70) | 130 (130)      |     |
|               | Chlorobenzene                  | 10    | 10.3   | ppbv | 103 |     |      | 70 (70) | 130 (130)      |     |
|               | Ethyl Benzene                  | 10    | 10.1   | ppbv | 101 |     |      | 70 (70) | 130 (130)      |     |
|               | m/p-Xylene                     | 20    | 20.9   | ppbv | 104 |     |      | 70 (70) | 130 (130)      |     |
|               | o-Xylene                       | 10    | 10.6   | ppbv | 106 |     |      | 70 (70) | 130 (130)      |     |
|               | Styrene                        | 10    | 9.20   | ppbv | 92  |     |      | 70 (70) | 130 (130)      |     |
|               | Bromoform                      | 10    | 9.40   | ppbv | 94  |     |      | 70 (70) | 130 (130)      |     |
|               | 1,1,2,2-Tetrachloroethane      | 10    | 9.80   | ppbv | 98  |     |      | 70 (70) | 130 (130)      |     |
|               | 2-Chlorotoluene                | 10    | 10.6   | ppbv | 106 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,3,5-Trimethylbenzene         | 10    | 10.4   | ppbv | 104 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,2,4-Trimethylbenzene         | 10    | 9.90   | ppbv | 99  |     |      | 70 (70) | 130 (130)      |     |

() = LABORATORY INHOUSE LIMIT

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

**SDG No.:** Q1908

**Client:** RMJ Environomics, Inc.

**Analytical Method:** SWTO-15

**Datafile :** VL042438.D

| Lab Sample ID | Parameter                | Spike | Result | Unit | Rec | RPD | Qual | Low     | Limits<br>High | RPD |
|---------------|--------------------------|-------|--------|------|-----|-----|------|---------|----------------|-----|
| VL0429ABS01   | 1,3-Dichlorobenzene      | 10    | 9.90   | ppbv | 99  |     |      | 70 (70) | 130 (130)      |     |
|               | 1,4-Dichlorobenzene      | 10    | 9.90   | ppbv | 99  |     |      | 70 (70) | 130 (130)      |     |
|               | 1,2-Dichlorobenzene      | 10    | 10.1   | ppbv | 101 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,2,4-Trichlorobenzene   | 10    | 9.50   | ppbv | 95  |     |      | 70 (70) | 130 (130)      |     |
|               | Hexachloro-1,3-butadiene | 10    | 10.0   | ppbv | 100 |     |      | 70 (70) | 130 (130)      |     |
|               | Naphthalene              | 10    | 9.40   | ppbv | 94  |     |      | 40 (70) | 160 (130)      |     |
|               | 1,3-Butadiene            | 10    | 9.90   | ppbv | 99  |     |      | 70 (70) | 130 (130)      |     |
|               | 4-Ethyltoluene           | 10    | 10.4   | ppbv | 104 |     |      | 70 (70) | 130 (130)      |     |
|               | Hexane                   | 10    | 8.30   | ppbv | 83  |     |      | 70 (70) | 130 (130)      |     |
|               | Allyl Chloride           | 10    | 9.90   | ppbv | 99  |     |      | 70 (70) | 130 (130)      |     |
|               | 1,4-Dioxane              | 10    | 7.50   | ppbv | 75  |     |      | 40 (70) | 160 (130)      |     |
|               | Methyl methacrylate      | 10    | 8.00   | ppbv | 80  |     |      | 70 (70) | 130 (130)      |     |

() = LABORATORY INHOUSE LIMIT

### Duplicate Sample Summary

|                               |                  |                  |
|-------------------------------|------------------|------------------|
| <b>Lab Sample Id :</b>        | Q1908-01DUP      | Q1908-01         |
| <b>Client Id :</b>            | B-1DUP           | B-1              |
| <b>DF :</b>                   | 1                | 1                |
| <b>Datafile :</b>             | VL042454.D       | VL042443.D       |
| <b>Anal Date &amp; Time :</b> | 04/29/2025 19:57 | 04/29/2025 13:11 |

| Parameter                      | Result | Result | RPD  |
|--------------------------------|--------|--------|------|
| 1,1,1-Trichloroethane          | 0      | 0      | 0    |
| 1,1,2,2-Tetrachloroethane      | 0      | 0      | 0    |
| 1,1,2-Trichloroethane          | 0      | 0      | 0    |
| 1,1,2-Trichlorotrifluoroethane | 0      | 0      | 0    |
| 1,1-Dichloroethane             | 0      | 0      | 0    |
| 1,1-Dichloroethene             | 0      | 0      | 0    |
| 1,2,4-Trichlorobenzene         | 0      | 0      | 0    |
| 1,2,4-Trimethylbenzene         | 0.11   | 0.13   | 16.7 |
| 1,2-Dibromoethane              | 0      | 0      | 0    |
| 1,2-Dichlorobenzene            | 0      | 0      | 0    |
| 1,2-Dichloroethane             | 0      | 0      | 0    |
| 1,2-Dichloropropane            | 0      | 0      | 0    |
| 1,3,5-Trimethylbenzene         | 0      | 0      | 0    |
| 1,3-Butadiene                  | 0      | 0      | 0    |
| 1,3-Dichlorobenzene            | 0      | 0      | 0    |
| 1,4-Dichlorobenzene            | 0      | 0      | 0    |
| 1,4-Dioxane                    | 0      | 0      | 0    |
| 2,2,4-Trimethylpentane         | 0      | 0      | 0    |
| 2-Butanone                     | 2.3    | 2.4    | 4.3  |
| 2-Chlorotoluene                | 0      | 0      | 0    |
| 4-Ethyltoluene                 | 0      | 0      | 0    |
| 4-Methyl-2-Pentanone           | 0      | 0      | 0    |
| Acetone                        | 10.9   | 11     | 0.91 |
| Allyl Chloride                 | 0      | 0      | 0    |
| Benzene                        | 0      | 0      | 0    |
| Bromodichloromethane           | 0      | 0      | 0    |
| Bromoform                      | 0      | 0      | 0    |
| Bromomethane                   | 0      | 0      | 0    |
| Carbon Disulfide               | 0      | 0      | 0    |
| Carbon Tetrachloride           | 0.06   | 0.06   | 0    |
|                                |        |        |      |

## Duplicate Sample Summary

|                               |                  |                  |
|-------------------------------|------------------|------------------|
| <b>Lab Sample Id :</b>        | Q1908-01DUP      | Q1908-01         |
| <b>Client Id :</b>            | B-1DUP           | B-1              |
| <b>DF :</b>                   | 1                | 1                |
| <b>Datafile :</b>             | VL042454.D       | VL042443.D       |
| <b>Anal Date &amp; Time :</b> | 04/29/2025 19:57 | 04/29/2025 13:11 |

| Parameter                 | Result | Result | RPD  |
|---------------------------|--------|--------|------|
| Chlorobenzene             | 0      | 0      | 0    |
| Chloroethane              | 0      | 0      | 0    |
| Chloroform                | 0      | 0      | 0    |
| Chloromethane             | 0.37   | 0.41   | 10.3 |
| cis-1,2-Dichloroethene    | 0      | 0      | 0    |
| cis-1,3-Dichloropropene   | 0      | 0      | 0    |
| Cyclohexane               | 0      | 0      | 0    |
| Dibromochloromethane      | 0      | 0      | 0    |
| Dichlorodifluoromethane   | 0.44   | 0.49   | 10.8 |
| Dichlorotetrafluoroethane | 0      | 0      | 0    |
| Ethyl Benzene             | 0      | 0      | 0    |
| Heptane                   | 0      | 0      | 0    |
| Hexachloro-1,3-Butadiene  | 0      | 0      | 0    |
| Hexane                    | 0.32   | 0.33   | 3.1  |
| m/p-Xylene                | 0      | 0      | 0    |
| Methyl Methacrylate       | 0      | 0      | 0    |
| Methyl tert-Butyl Ether   | 0      | 0      | 0    |
| Methylene Chloride        | 0.57   | 0.54   | 5.4  |
| Naphthalene               | 0      | 0      | 0    |
| o-Xylene                  | 0      | 0      | 0    |
| Styrene                   | 0      | 0      | 0    |
| t-1,3-Dichloropropene     | 0      | 0      | 0    |
| tert-Butyl alcohol        | 0      | 0      | 0    |
| Tetrachloroethene         | 0.05   | 0.05   | 0    |
| Tetrahydrofuran           | 0      | 0      | 0    |
| Toluene                   | 0.13   | 0.15   | 14.3 |
| trans-1,2-Dichloroethene  | 0      | 0      | 0    |
| Trichloroethene           | 0      | 0      | 0    |
| Trichlorofluoromethane    | 0.22   | 0.21   | 4.7  |
| Vinyl Chloride            | 0      | 0      | 0    |

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VL0429ABL01

Lab Name: CHEMTECH

Contract: RMJE02

Lab Code: CHEM Case No.: Q1908

SAS No.: Q1908 SDG NO.: Q1908

Lab File ID: VL042437.D

Lab Sample ID: VL0429ABL01

Date Analyzed: 04/29/2025

Time Analyzed: 09:25

GC Column: RTX-1 ID: 0.32 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA\_L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| VL0429ABS01       | VL0429ABS01      | VL042438.D     | 04/29/2025       |
| B-1               | Q1908-01         | VL042443.D     | 04/29/2025       |
| B-3               | Q1908-03         | VL042445.D     | 04/29/2025       |
| B-1DUP            | Q1908-01DUP      | VL042454.D     | 04/29/2025       |
| B-2               | Q1908-02         | VL042456.D     | 04/29/2025       |

COMMENTS: \_\_\_\_\_

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: RMJE02  
Lab Code: CHEM Case No.: Q1908 SAS No.: Q1908 SDG NO.: Q1908  
Lab File ID: VL042348.D BFB Injection Date: 04/17/2025  
Instrument ID: MSVOA\_L BFB Injection Time: 07:50  
GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 23.1                 |
| 75  | 30.0 - 66.0% of mass 95            | 57                   |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.8                  |
| 173 | Less than 2.0% of mass 174         | 0.0 ( 0.0 ) 1        |
| 174 | 50.0 - 120.0% of mass 95           | 59.5                 |
| 175 | 4.0 - 9.0% of mass 174             | 4.5 ( 7.6 ) 1        |
| 176 | 93.0 - 101.0% of mass 174          | 57.6 ( 96.9 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 3.6 ( 6.3 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDICCC010       | VSTDICCC010      | VL042349.D     | 04/17/2025       | 09:44            |
| VSTDICCC002       | VSTDICCC002      | VL042350.D     | 04/17/2025       | 10:17            |
| VSTDICCC001       | VSTDICCC001      | VL042351.D     | 04/17/2025       | 10:48            |
| VSTDICCC0.5       | VSTDICCC0.5      | VL042352.D     | 04/17/2025       | 11:19            |
| VSTDICCC0.1       | VSTDICCC0.1      | VL042353.D     | 04/17/2025       | 11:50            |
| VSTDICCC0.03      | VSTDICCC0.03     | VL042354.D     | 04/17/2025       | 12:22            |
| VSTDICCC015       | VSTDICCC015      | VL042355.D     | 04/17/2025       | 12:54            |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: RMJE02  
Lab Code: CHEM Case No.: Q1908 SAS No.: Q1908 SDG NO.: Q1908  
Lab File ID: VL042435.D BFB Injection Date: 04/29/2025  
Instrument ID: MSVOA\_L BFB Injection Time: 07:55  
GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 8.0 - 40.0% of mass 95             | 26.5                 |
| 75  | 30.0 - 66.0% of mass 95            | 65.6                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7.1                  |
| 173 | Less than 2.0% of mass 174         | 0.6 ( 1.1 ) 1        |
| 174 | 50.0 - 120.0% of mass 95           | 51.1                 |
| 175 | 4.0 - 9.0% of mass 174             | 3.7 ( 7.3 ) 1        |
| 176 | 93.0 - 101.0% of mass 174          | 50.1 ( 98 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 3.5 ( 7 ) 2          |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDCCC010        | VSTDCCC010       | VL042436.D     | 04/29/2025       | 08:39            |
| VL0429ABL01       | VL0429ABL01      | VL042437.D     | 04/29/2025       | 09:25            |
| VL0429ABS01       | VL0429ABS01      | VL042438.D     | 04/29/2025       | 10:08            |
| B-1               | Q1908-01         | VL042443.D     | 04/29/2025       | 13:11            |
| B-3               | Q1908-03         | VL042445.D     | 04/29/2025       | 14:19            |
| B-1DUP            | Q1908-01DUP      | VL042454.D     | 04/29/2025       | 19:57            |
| B-2               | Q1908-02         | VL042456.D     | 04/29/2025       | 21:58            |

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: RMJE02  
Lab Code: CHEM Case No.: Q1908 SAS No.: Q1908 SDG NO.: Q1908  
Lab File ID: VL042436.D Date Analyzed: 04/29/2025  
Instrument ID: MSVOA\_L Time Analyzed: 08:39  
GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

|                | IS1<br>AREA # | RT # | IS2<br>AREA # | RT # | IS3<br>AREA # | RT # |
|----------------|---------------|------|---------------|------|---------------|------|
| 12 HOUR STD    | 114553        | 2.78 | 311268        | 3.95 | 269987        | 8.88 |
| UPPER LIMIT    | 160374        | 3.11 | 435775        | 4.28 | 377982        | 9.21 |
| LOWER LIMIT    | 68731.8       | 2.45 | 186761        | 3.62 | 161992        | 8.55 |
| EPA SAMPLE NO. |               |      |               |      |               |      |
| B-1            | 116167        | 2.79 | 309224        | 3.97 | 265424        | 8.89 |
| B-1DUP         | 114972        | 2.79 | 297262        | 3.97 | 249799        | 8.89 |
| B-2            | 111841        | 2.79 | 295318        | 3.97 | 246635        | 8.89 |
| B-3            | 116924        | 2.79 | 304231        | 3.97 | 256038        | 8.89 |
| VL0429ABL01    | 119014        | 2.79 | 328601        | 3.96 | 276498        | 8.89 |
| VL0429ABS01    | 116772        | 2.79 | 317590        | 3.96 | 272312        | 8.88 |

IS1 = Bromochloromethane  
IS2 = 1,4-Difluorobenzene  
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +40% of internal standard area  
AREA LOWER LIMIT = -40% of internal standard area  
RT UPPER LIMIT = +0.33 minutes of internal standard RT  
RT LOWER LIMIT = -0.33 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.



# QC SAMPLE DATA

## Report of Analysis

|                    |                        |                 |       |
|--------------------|------------------------|-----------------|-------|
| Client:            | RMJ Environomics, Inc. | Date Collected: |       |
| Project:           | 32 Park St Orange NJ   | Date Received:  |       |
| Client Sample ID:  | VL0429ABL01            | SDG No.:        | Q1908 |
| Lab Sample ID:     | VL0429ABL01            | Matrix:         | Air   |
| Analytical Method: | TO-15                  | Test:           | TO-15 |
| Sample Wt/Vol:     | 400 Units: mL          |                 |       |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042437.D        | 1         |           | 04/29/25 09:25 | VL042925      |

| CAS Number     | Parameter                      | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|---------------|----------------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |               |                |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.21          | 1.04           | U         | 1.04  | 2.47       | ug/m3 |
| 74-87-3        | Chloromethane                  | 0.10          | 0.21           | U         | 0.21  | 1.03       | ug/m3 |
| 75-01-4        | Vinyl Chloride                 | 0.010         | 0.030          | U         | 0.030 | 0.080      | ug/m3 |
| 74-83-9        | Bromomethane                   | 0.14          | 0.54           | U         | 0.54  | 1.94       | ug/m3 |
| 75-00-3        | Chloroethane                   | 0.17          | 0.45           | U         | 0.45  | 1.32       | ug/m3 |
| 109-99-9       | Tetrahydrofuran                | 0.13          | 0.38           | U         | 0.38  | 1.47       | ug/m3 |
| 75-69-4        | Trichlorofluoromethane         | 0.16          | 0.90           | U         | 0.90  | 2.81       | ug/m3 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.16          | 1.23           | U         | 1.23  | 3.83       | ug/m3 |
| 76-14-2        | Dichlorotetrafluoroethane      | 0.090         | 0.63           | U         | 0.63  | 3.49       | ug/m3 |
| 75-65-0        | tert-Butyl alcohol             | 0.19          | 0.58           | U         | 0.58  | 1.52       | ug/m3 |
| 142-82-5       | Heptane                        | 0.11          | 0.45           | U         | 0.45  | 2.05       | ug/m3 |
| 75-35-4        | 1,1-Dichloroethene             | 0.14          | 0.56           | U         | 0.56  | 1.98       | ug/m3 |
| 67-64-1        | Acetone                        | 0.24          | 0.57           | U         | 0.57  | 1.19       | ug/m3 |
| 75-15-0        | Carbon Disulfide               | 0.16          | 0.50           | U         | 0.50  | 1.56       | ug/m3 |
| 1634-04-4      | Methyl tert-Butyl Ether        | 0.12          | 0.43           | U         | 0.43  | 1.80       | ug/m3 |
| 75-09-2        | Methylene Chloride             | 0.19          | 0.66           | U         | 0.66  | 1.74       | ug/m3 |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.19          | 0.75           | U         | 0.75  | 1.98       | ug/m3 |
| 75-34-3        | 1,1-Dichloroethane             | 0.13          | 0.53           | U         | 0.53  | 2.02       | ug/m3 |
| 110-82-7       | Cyclohexane                    | 0.22          | 0.76           | U         | 0.76  | 1.72       | ug/m3 |
| 78-93-3        | 2-Butanone                     | 0.12          | 0.35           | U         | 0.35  | 1.47       | ug/m3 |
| 56-23-5        | Carbon Tetrachloride           | 0.010         | 0.060          | U         | 0.060 | 0.19       | ug/m3 |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.090         | 0.36           | U         | 0.36  | 1.98       | ug/m3 |
| 67-66-3        | Chloroform                     | 0.080         | 0.39           | U         | 0.39  | 2.44       | ug/m3 |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.010         | 0.050          | U         | 0.050 | 0.16       | ug/m3 |
| 540-84-1       | 2,2,4-Trimethylpentane         | 0.10          | 0.47           | U         | 0.47  | 2.34       | ug/m3 |
| 71-43-2        | Benzene                        | 0.090         | 0.29           | U         | 0.29  | 1.60       | ug/m3 |
| 107-06-2       | 1,2-Dichloroethane             | 0.090         | 0.36           | U         | 0.36  | 2.02       | ug/m3 |
| 79-01-6        | Trichloroethene                | 0.020         | 0.11           | U         | 0.11  | 0.16       | ug/m3 |
| 78-87-5        | 1,2-Dichloropropane            | 0.11          | 0.51           | U         | 0.51  | 2.31       | ug/m3 |
| 75-27-4        | Bromodichloromethane           | 0.080         | 0.54           | U         | 0.54  | 3.35       | ug/m3 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 0.090         | 0.37           | U         | 0.37  | 2.05       | ug/m3 |
| 108-88-3       | Toluene                        | 0.11          | 0.41           | U         | 0.41  | 1.88       | ug/m3 |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.060         | 0.27           | U         | 0.27  | 2.27       | ug/m3 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.060         | 0.27           | U         | 0.27  | 2.27       | ug/m3 |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.070         | 0.38           | U         | 0.38  | 2.73       | ug/m3 |

## Report of Analysis

|                    |                        |                 |       |
|--------------------|------------------------|-----------------|-------|
| Client:            | RMJ Environomics, Inc. | Date Collected: |       |
| Project:           | 32 Park St Orange NJ   | Date Received:  |       |
| Client Sample ID:  | VL0429ABL01            | SDG No.:        | Q1908 |
| Lab Sample ID:     | VL0429ABL01            | Matrix:         | Air   |
| Analytical Method: | TO-15                  | Test:           | TO-15 |
| Sample Wt/Vol:     | 400 Units: mL          |                 |       |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042437.D        | 1         |           | 04/29/25 09:25 | VL042925      |

| CAS Number                | Parameter                 | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|---------------------------|---------------|----------------|-----------|---------------------|------------|---------|
| 124-48-1                  | Dibromochloromethane      | 0.070         | 0.60           | U         | 0.60                | 4.26       | ug/m3   |
| 106-93-4                  | 1,2-Dibromoethane         | 0.070         | 0.54           | U         | 0.54                | 0.77       | ug/m3   |
| 127-18-4                  | Tetrachloroethene         | 0.020         | 0.14           | U         | 0.14                | 0.20       | ug/m3   |
| 108-90-7                  | Chlorobenzene             | 0.080         | 0.37           | U         | 0.37                | 2.30       | ug/m3   |
| 100-41-4                  | Ethyl Benzene             | 0.12          | 0.52           | U         | 0.52                | 2.17       | ug/m3   |
| 179601-23-1               | m/p-Xylene                | 0.21          | 0.91           | U         | 0.91                | 4.34       | ug/m3   |
| 95-47-6                   | o-Xylene                  | 0.12          | 0.52           | U         | 0.52                | 2.17       | ug/m3   |
| 100-42-5                  | Styrene                   | 0.11          | 0.47           | U         | 0.47                | 2.13       | ug/m3   |
| 75-25-2                   | Bromoform                 | 0.060         | 0.62           | U         | 0.62                | 5.17       | ug/m3   |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 0.010         | 0.070          | U         | 0.070               | 0.21       | ug/m3   |
| 95-49-8                   | 2-Chlorotoluene           | 0.11          | 0.57           | U         | 0.57                | 2.59       | ug/m3   |
| 108-67-8                  | 1,3,5-Trimethylbenzene    | 0.11          | 0.54           | U         | 0.54                | 2.46       | ug/m3   |
| 95-63-6                   | 1,2,4-Trimethylbenzene    | 0.080         | 0.39           | U         | 0.39                | 2.46       | ug/m3   |
| 541-73-1                  | 1,3-Dichlorobenzene       | 0.080         | 0.48           | U         | 0.48                | 3.01       | ug/m3   |
| 106-46-7                  | 1,4-Dichlorobenzene       | 0.050         | 0.30           | U         | 0.30                | 3.01       | ug/m3   |
| 95-50-1                   | 1,2-Dichlorobenzene       | 0.080         | 0.48           | U         | 0.48                | 3.01       | ug/m3   |
| 120-82-1                  | 1,2,4-Trichlorobenzene    | 0.090         | 0.67           | U         | 0.67                | 3.71       | ug/m3   |
| 87-68-3                   | Hexachloro-1,3-Butadiene  | 0.090         | 0.96           | U         | 0.96                | 5.33       | ug/m3   |
| 106-99-0                  | 1,3-Butadiene             | 0.13          | 0.29           | U         | 0.29                | 1.11       | ug/m3   |
| 91-20-3                   | Naphthalene               | 0.080         | 0.42           | U         | 0.42                | 0.52       | ug/m3   |
| 622-96-8                  | 4-Ethyltoluene            | 0.12          | 0.59           | U         | 0.59                | 2.46       | ug/m3   |
| 110-54-3                  | Hexane                    | 0.11          | 0.39           | U         | 0.39                | 1.76       | ug/m3   |
| 107-05-1                  | Allyl Chloride            | 0.15          | 0.47           | U         | 0.47                | 1.57       | ug/m3   |
| 123-91-1                  | 1,4-Dioxane               | 0.21          | 0.76           | U         | 0.76                | 1.80       | ug/m3   |
| 80-62-6                   | Methyl Methacrylate       | 0.090         | 0.37           | U         | 0.37                | 2.05       | ug/m3   |
| <b>SURROGATES</b>         |                           |               |                |           |                     |            |         |
| 460-00-4                  | 1-Bromo-4-Fluorobenzene   | 10.6          |                |           | 70 (65) - 130 (135) | 106%       | SPK: 10 |
| <b>INTERNAL STANDARDS</b> |                           |               |                |           |                     |            |         |
| 74-97-5                   | Bromochloromethane        | 119000        |                | 2.787     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene       | 329000        |                | 3.959     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5          | 276000        |                | 8.885     |                     |            |         |

## Report of Analysis

|                    |                        |                 |       |
|--------------------|------------------------|-----------------|-------|
| Client:            | RMJ Environomics, Inc. | Date Collected: |       |
| Project:           | 32 Park St Orange NJ   | Date Received:  |       |
| Client Sample ID:  | VL0429ABL01            | SDG No.:        | Q1908 |
| Lab Sample ID:     | VL0429ABL01            | Matrix:         | Air   |
| Analytical Method: | TO-15                  | Test:           | TO-15 |
| Sample Wt/Vol:     | 400      Units:    mL  |                 |       |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042437.D        | 1         |           | 04/29/25 09:25 | VL042925      |

| CAS Number | Parameter | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|---------------|----------------|-----------|-----|------------|-------|
|------------|-----------|---------------|----------------|-----------|-----|------------|-------|

U = Not Detected  
 RL = Reporting Limit  
 MDL = Method Detection Limit  
 E = Value Exceeds Calibration Range  
 D = Dilution

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 Q = indicates LCS control criteria did not meet requirements

## Report of Analysis

|                    |                        |                 |       |
|--------------------|------------------------|-----------------|-------|
| Client:            | RMJ Environomics, Inc. | Date Collected: |       |
| Project:           | 32 Park St Orange NJ   | Date Received:  |       |
| Client Sample ID:  | VL0429ABS01            | SDG No.:        | Q1908 |
| Lab Sample ID:     | VL0429ABS01            | Matrix:         | Air   |
| Analytical Method: | TO-15                  | Test:           | TO-15 |
| Sample Wt/Vol:     | 400 Units: mL          |                 |       |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042438.D        | 1         |           | 04/29/25 10:08 | VL042925      |

| CAS Number     | Parameter                      | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL   | LOQ / CRQL | Units |
|----------------|--------------------------------|---------------|----------------|-----------|-------|------------|-------|
| <b>TARGETS</b> |                                |               |                |           |       |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 11.6          | 57.4           |           | 1.04  | 2.47       | ug/m3 |
| 74-87-3        | Chloromethane                  | 11.0          | 22.7           |           | 0.21  | 1.03       | ug/m3 |
| 75-01-4        | Vinyl Chloride                 | 9.60          | 24.5           |           | 0.030 | 0.080      | ug/m3 |
| 74-83-9        | Bromomethane                   | 10.7          | 41.5           |           | 0.54  | 1.94       | ug/m3 |
| 75-00-3        | Chloroethane                   | 10.5          | 27.7           |           | 0.45  | 1.32       | ug/m3 |
| 109-99-9       | Tetrahydrofuran                | 8.50          | 25.1           |           | 0.38  | 1.47       | ug/m3 |
| 75-69-4        | Trichlorofluoromethane         | 11.5          | 64.6           |           | 0.90  | 2.81       | ug/m3 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 10.9          | 83.5           |           | 1.23  | 3.83       | ug/m3 |
| 76-14-2        | Dichlorotetrafluoroethane      | 11.2          | 78.3           |           | 0.63  | 3.49       | ug/m3 |
| 75-65-0        | tert-Butyl alcohol             | 9.70          | 29.4           |           | 0.58  | 1.52       | ug/m3 |
| 142-82-5       | Heptane                        | 7.60          | 31.1           |           | 0.45  | 2.05       | ug/m3 |
| 75-35-4        | 1,1-Dichloroethene             | 10.2          | 40.4           |           | 0.56  | 1.98       | ug/m3 |
| 67-64-1        | Acetone                        | 9.90          | 23.5           |           | 0.57  | 1.19       | ug/m3 |
| 75-15-0        | Carbon Disulfide               | 10.4          | 32.4           |           | 0.50  | 1.56       | ug/m3 |
| 1634-04-4      | Methyl tert-Butyl Ether        | 9.30          | 33.5           |           | 0.43  | 1.80       | ug/m3 |
| 75-09-2        | Methylene Chloride             | 9.00          | 31.3           |           | 0.66  | 1.74       | ug/m3 |
| 156-60-5       | trans-1,2-Dichloroethene       | 9.90          | 39.3           |           | 0.75  | 1.98       | ug/m3 |
| 75-34-3        | 1,1-Dichloroethane             | 10.9          | 44.1           |           | 0.53  | 2.02       | ug/m3 |
| 110-82-7       | Cyclohexane                    | 8.60          | 29.6           |           | 0.76  | 1.72       | ug/m3 |
| 78-93-3        | 2-Butanone                     | 9.30          | 27.4           |           | 0.35  | 1.47       | ug/m3 |
| 56-23-5        | Carbon Tetrachloride           | 11.0          | 69.2           |           | 0.060 | 0.19       | ug/m3 |
| 156-59-2       | cis-1,2-Dichloroethene         | 9.60          | 38.1           |           | 0.36  | 1.98       | ug/m3 |
| 67-66-3        | Chloroform                     | 10.6          | 51.8           |           | 0.39  | 2.44       | ug/m3 |
| 71-55-6        | 1,1,1-Trichloroethane          | 10.3          | 56.2           |           | 0.050 | 0.16       | ug/m3 |
| 540-84-1       | 2,2,4-Trimethylpentane         | 9.00          | 42.0           |           | 0.47  | 2.34       | ug/m3 |
| 71-43-2        | Benzene                        | 9.30          | 29.7           |           | 0.29  | 1.60       | ug/m3 |
| 107-06-2       | 1,2-Dichloroethane             | 12.0          | 48.6           |           | 0.36  | 2.02       | ug/m3 |
| 79-01-6        | Trichloroethene                | 8.50          | 45.7           |           | 0.11  | 0.16       | ug/m3 |
| 78-87-5        | 1,2-Dichloropropane            | 9.00          | 41.6           |           | 0.51  | 2.31       | ug/m3 |
| 75-27-4        | Bromodichloromethane           | 11.1          | 74.4           |           | 0.54  | 3.35       | ug/m3 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 7.80          | 32.0           |           | 0.37  | 2.05       | ug/m3 |
| 108-88-3       | Toluene                        | 8.80          | 33.2           |           | 0.41  | 1.88       | ug/m3 |
| 10061-02-6     | t-1,3-Dichloropropene          | 8.90          | 40.4           |           | 0.27  | 2.27       | ug/m3 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 8.80          | 40.0           |           | 0.27  | 2.27       | ug/m3 |
| 79-00-5        | 1,1,2-Trichloroethane          | 9.90          | 54.0           |           | 0.38  | 2.73       | ug/m3 |

## Report of Analysis

|                    |                        |                 |       |
|--------------------|------------------------|-----------------|-------|
| Client:            | RMJ Environomics, Inc. | Date Collected: |       |
| Project:           | 32 Park St Orange NJ   | Date Received:  |       |
| Client Sample ID:  | VL0429ABS01            | SDG No.:        | Q1908 |
| Lab Sample ID:     | VL0429ABS01            | Matrix:         | Air   |
| Analytical Method: | TO-15                  | Test:           | TO-15 |
| Sample Wt/Vol:     | 400 Units: mL          |                 |       |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042438.D        | 1         |           | 04/29/25 10:08 | VL042925      |

| CAS Number                | Parameter                 | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|---------------------------|---------------|----------------|-----------|---------------------|------------|---------|
| 124-48-1                  | Dibromochloromethane      | 10.2          | 86.9           |           | 0.60                | 4.26       | ug/m3   |
| 106-93-4                  | 1,2-Dibromoethane         | 9.60          | 73.8           |           | 0.54                | 0.77       | ug/m3   |
| 127-18-4                  | Tetrachloroethene         | 8.00          | 54.3           |           | 0.14                | 0.20       | ug/m3   |
| 108-90-7                  | Chlorobenzene             | 10.3          | 47.4           |           | 0.37                | 2.30       | ug/m3   |
| 100-41-4                  | Ethyl Benzene             | 10.1          | 43.9           |           | 0.52                | 2.17       | ug/m3   |
| 179601-23-1               | m/p-Xylene                | 20.9          | 90.8           |           | 0.91                | 4.34       | ug/m3   |
| 95-47-6                   | o-Xylene                  | 10.6          | 46.0           |           | 0.52                | 2.17       | ug/m3   |
| 100-42-5                  | Styrene                   | 9.20          | 39.2           |           | 0.47                | 2.13       | ug/m3   |
| 75-25-2                   | Bromoform                 | 9.40          | 97.2           |           | 0.62                | 5.17       | ug/m3   |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 9.80          | 67.3           |           | 0.070               | 0.21       | ug/m3   |
| 95-49-8                   | 2-Chlorotoluene           | 10.6          | 54.9           |           | 0.57                | 2.59       | ug/m3   |
| 108-67-8                  | 1,3,5-Trimethylbenzene    | 10.4          | 51.1           |           | 0.54                | 2.46       | ug/m3   |
| 95-63-6                   | 1,2,4-Trimethylbenzene    | 9.90          | 48.7           |           | 0.39                | 2.46       | ug/m3   |
| 541-73-1                  | 1,3-Dichlorobenzene       | 9.90          | 59.5           |           | 0.48                | 3.01       | ug/m3   |
| 106-46-7                  | 1,4-Dichlorobenzene       | 9.90          | 59.5           |           | 0.30                | 3.01       | ug/m3   |
| 95-50-1                   | 1,2-Dichlorobenzene       | 10.1          | 60.7           |           | 0.48                | 3.01       | ug/m3   |
| 120-82-1                  | 1,2,4-Trichlorobenzene    | 9.50          | 70.5           |           | 0.67                | 3.71       | ug/m3   |
| 87-68-3                   | Hexachloro-1,3-Butadiene  | 10.0          | 107            |           | 0.96                | 5.33       | ug/m3   |
| 106-99-0                  | 1,3-Butadiene             | 9.90          | 21.9           |           | 0.29                | 1.11       | ug/m3   |
| 91-20-3                   | Naphthalene               | 9.40          | 49.3           |           | 0.42                | 0.52       | ug/m3   |
| 622-96-8                  | 4-Ethyltoluene            | 10.4          | 51.1           |           | 0.59                | 2.46       | ug/m3   |
| 110-54-3                  | Hexane                    | 8.30          | 29.3           |           | 0.39                | 1.76       | ug/m3   |
| 107-05-1                  | Allyl Chloride            | 9.90          | 31.0           |           | 0.47                | 1.57       | ug/m3   |
| 123-91-1                  | 1,4-Dioxane               | 7.50          | 27.0           |           | 0.76                | 1.80       | ug/m3   |
| 80-62-6                   | Methyl Methacrylate       | 8.00          | 32.8           |           | 0.37                | 2.05       | ug/m3   |
| <b>SURROGATES</b>         |                           |               |                |           |                     |            |         |
| 460-00-4                  | 1-Bromo-4-Fluorobenzene   | 11.3          |                |           | 70 (65) - 130 (135) | 113%       | SPK: 10 |
| <b>INTERNAL STANDARDS</b> |                           |               |                |           |                     |            |         |
| 74-97-5                   | Bromochloromethane        | 117000        |                | 2.79      |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene       | 318000        |                | 3.962     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5          | 272000        |                | 8.881     |                     |            |         |

## Report of Analysis

|                    |                        |                 |       |
|--------------------|------------------------|-----------------|-------|
| Client:            | RMJ Environomics, Inc. | Date Collected: |       |
| Project:           | 32 Park St Orange NJ   | Date Received:  |       |
| Client Sample ID:  | VL0429ABS01            | SDG No.:        | Q1908 |
| Lab Sample ID:     | VL0429ABS01            | Matrix:         | Air   |
| Analytical Method: | TO-15                  | Test:           | TO-15 |
| Sample Wt/Vol:     | 400      Units:    mL  |                 |       |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VL042438.D        | 1         |           | 04/29/25 10:08 | VL042925      |

| CAS Number | Parameter | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|---------------|----------------|-----------|-----|------------|-------|
|------------|-----------|---------------|----------------|-----------|-----|------------|-------|

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements



# CALIBRATION SUMMARY

Method Path : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\

Method File : VL041725AIR.M

Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022

Last Update : Fri Apr 18 02:14:00 2025

Response Via : Initial Calibration

## Calibration Files

0.03=VL042354.D 0.1 =VL042353.D 0.5 =VL042352.D 1 =VL042351.D 2 =VL042350.D 10 =VL042349.D 15 =VL042355.D

| Compound                  | 0.03           | 0.1   | 0.5   | 1     | 2     | 10    | 15    | Avg   | %RSD  |
|---------------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----                     |                |       |       |       |       |       |       |       |       |
| 1) I Bromochloromethane   | -----ISTD----- |       |       |       |       |       |       |       |       |
| 2) T Dichlorodifluo...    |                |       | 1.831 | 1.837 | 1.827 | 1.658 | 1.682 | 1.767 | 5.05  |
| 3) Chlorodifluoro...      |                |       | 1.876 | 1.657 | 1.698 | 1.573 | 1.608 | 1.682 | 7.01  |
| 4) Chloromethane          |                |       | 0.752 | 0.725 | 0.701 | 0.652 | 0.665 | 0.699 | 5.93  |
| 5) T Vinyl Chloride       | 1.002          | 0.911 | 0.731 | 0.709 | 0.689 | 0.638 | 0.647 | 0.761 | 18.39 |
| 6) T Bromomethane         |                |       | 0.397 | 0.330 | 0.300 | 0.304 | 0.303 | 0.327 | 12.56 |
| 7) Chloroethane           |                |       | 0.303 | 0.287 | 0.280 | 0.253 | 0.255 | 0.275 | 7.76  |
| 8) T Dichlorotetra...     |                |       | 1.556 | 1.550 | 1.581 | 1.432 | 1.465 | 1.517 | 4.25  |
| 9) T Propene              |                |       | 0.880 | 0.797 | 0.758 | 0.690 | 0.707 | 0.766 | 9.95  |
| 10) T Heptane             |                |       | 2.444 | 2.296 | 2.209 | 1.884 | 1.931 | 2.153 | 11.14 |
| 11) T Trichlorofluor...   |                |       | 1.684 | 1.806 | 1.746 | 1.567 | 1.597 | 1.680 | 5.95  |
| 12) T 1,1,2-Trichlor...   |                |       | 1.389 | 1.439 | 1.437 | 1.281 | 1.323 | 1.374 | 5.11  |
| 13) Ethanol               |                |       | 0.275 | 0.139 | 0.123 | 0.035 | 0.036 | 0.122 | 80.54 |
| 14) T Bromoethene         |                |       | 0.537 | 0.545 | 0.530 | 0.490 | 0.487 | 0.518 | 5.24  |
| 15) T Acetone             |                |       | 1.968 | 1.895 | 1.743 | 1.263 | 1.316 | 1.637 | 20.03 |
| 16) T 1,3-Butadiene       |                |       | 1.015 | 0.836 | 0.735 | 0.651 | 0.678 | 0.783 | 18.90 |
| 17) tert-Butyl alc...     |                |       | 2.263 | 2.132 | 2.103 | 1.804 | 1.841 | 2.029 | 9.76  |
| 18) T 1,1-Dichloroet...   |                |       | 0.735 | 0.635 | 0.637 | 0.583 | 0.618 | 0.642 | 8.79  |
| 19) T Isopropyl Alcohol   |                |       | 1.050 | 0.980 | 0.897 | 0.821 | 0.798 | 0.909 | 11.66 |
| 20) T Methylene Chlo...   |                |       | 0.875 | 0.728 | 0.582 | 0.498 | 0.523 | 0.641 | 24.71 |
| 21) T Allyl Chloride      |                |       | 1.276 | 1.213 | 1.110 | 0.973 | 1.080 | 1.130 | 10.44 |
| 22) T trans-1,2-Dich...   |                |       | 0.814 | 0.759 | 0.736 | 0.664 | 0.681 | 0.731 | 8.32  |
| 23) T Vinyl Acetate       |                |       | 0.656 | 0.744 | 0.749 | 0.555 | 0.610 | 0.663 | 12.72 |
| 24) T 1,1-Dichloroet...   |                |       | 1.452 | 1.469 | 1.383 | 1.284 | 1.352 | 1.388 | 5.43  |
| 25) T Ethyl Acetate       |                |       | 4.428 | 4.147 | 4.118 | 3.677 | 3.812 | 4.036 | 7.34  |
| 26) T Hexane              |                |       | 1.899 | 1.719 | 1.625 | 1.424 | 1.499 | 1.633 | 11.45 |
| 27) T Carbon Disulfide    |                |       | 1.903 | 1.670 | 1.785 | 1.668 | 1.718 | 1.749 | 5.63  |
| 28) T Methyl tert-Bu...   |                |       | 1.134 | 1.141 | 1.132 | 0.940 | 1.004 | 1.070 | 8.64  |
| 29) T Chloroform          |                |       | 2.458 | 2.333 | 2.392 | 2.145 | 2.215 | 2.309 | 5.54  |
| 30) T Cyclohexane         |                |       | 1.422 | 1.333 | 1.347 | 1.252 | 1.249 | 1.320 | 5.50  |
| 31) T cis-1,2-Dichlo...   |                |       | 1.588 | 1.603 | 1.593 | 1.459 | 1.522 | 1.553 | 3.95  |
| 32) T 1,1,1-Trichlor...   | 3.110          | 2.840 | 2.557 | 2.549 | 2.493 | 2.274 | 2.369 | 2.599 | 11.03 |
| -----                     |                |       |       |       |       |       |       |       |       |
| 33) I 1,4-Difluorobenzene | -----ISTD----- |       |       |       |       |       |       |       |       |
| 34) T 2-Butanone          |                |       | 0.886 | 0.826 | 0.818 | 0.687 | 0.737 | 0.791 | 9.94  |
| 35) T Carbon Tetrach...   | 1.319          | 0.914 | 0.832 | 0.830 | 0.847 | 0.770 | 0.823 | 0.905 | 20.70 |
| 36) T Benzene             |                |       | 1.146 | 1.075 | 1.121 | 1.002 | 1.048 | 1.079 | 5.31  |
| 37) T 1,2-Dichloroet...   |                |       | 0.691 | 0.647 | 0.666 | 0.592 | 0.641 | 0.647 | 5.63  |
| 38) T Trichloroethene     | 0.643          | 0.505 | 0.443 | 0.448 | 0.447 | 0.395 | 0.419 | 0.471 | 17.59 |
| 39) T 1,2-Dichloropr...   |                |       | 0.441 | 0.413 | 0.405 | 0.370 | 0.381 | 0.402 | 6.97  |

|                                                  |                   |       |       |       |       |       |       |       |       |       |
|--------------------------------------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\ |                   |       |       |       |       |       |       |       |       |       |
| Method File : VL041725AIR.M                      |                   |       |       |       |       |       |       |       |       |       |
| 40) T                                            | 1,4-Dioxane       |       |       | 0.263 | 0.243 | 0.232 | 0.182 | 0.185 | 0.221 | 16.27 |
| 41) T                                            | Tetrahydrofuran   |       |       | 0.518 | 0.480 | 0.468 | 0.409 | 0.432 | 0.461 | 9.20  |
| 42) T                                            | Bromodichlorom... |       |       | 0.943 | 0.909 | 0.912 | 0.852 | 0.889 | 0.901 | 3.71  |
| 43) T                                            | Methyl Methacr... |       |       | 0.545 | 0.520 | 0.495 | 0.430 | 0.441 | 0.486 | 10.21 |
| 44) T                                            | 2,2,4-Trimethy... |       |       | 1.935 | 1.916 | 1.962 | 1.708 | 1.794 | 1.863 | 5.79  |
| 45) T                                            | t-1,3-Dichloro... |       |       | 0.514 | 0.510 | 0.509 | 0.459 | 0.491 | 0.497 | 4.60  |
| 46) T                                            | cis-1,3-Dichlo... |       |       | 0.613 | 0.617 | 0.637 | 0.570 | 0.603 | 0.608 | 4.05  |
| 47) T                                            | 1,1,2-Trichlor... |       |       | 0.423 | 0.429 | 0.420 | 0.376 | 0.399 | 0.410 | 5.32  |
| 48) T                                            | Dibromochlorom... |       |       | 0.743 | 0.721 | 0.746 | 0.679 | 0.729 | 0.723 | 3.70  |
| 49) T                                            | Bromoform         |       |       | 0.622 | 0.623 | 0.675 | 0.616 | 0.627 | 0.633 | 3.82  |
| 50) T                                            | 4-Methyl-2-Pen... |       |       | 1.541 | 1.382 | 1.435 | 1.082 | 1.132 | 1.314 | 15.12 |
| 51) T                                            | 2-Hexanone        |       |       | 1.341 | 1.311 | 1.411 | 0.893 | 0.938 | 1.179 | 20.69 |
| 52) T                                            | Tetrachloroethene | 0.543 | 0.452 | 0.420 | 0.393 | 0.391 | 0.357 | 0.363 | 0.417 | 15.46 |
| 53) T                                            | Toluene           |       |       | 1.371 | 1.295 | 1.370 | 1.193 | 1.244 | 1.294 | 6.03  |
| 54) T                                            | 1,2-Dibromoethane |       | 0.621 | 0.582 | 0.605 | 0.606 | 0.539 | 0.562 | 0.586 | 5.27  |
| -----ISTD-----                                   |                   |       |       |       |       |       |       |       |       |       |
| 55) I                                            | Chlorobenzene-d5  |       |       |       |       |       |       |       |       |       |
| 56) T                                            | 1,1,1,2-Tetrac... |       |       | 0.621 | 0.640 | 0.635 | 0.550 | 0.581 | 0.605 | 6.37  |
| 57) T                                            | Chlorobenzene     |       |       | 1.129 | 1.067 | 1.068 | 0.956 | 0.981 | 1.040 | 6.79  |
| 58) T                                            | Ethyl Benzene     |       |       | 2.029 | 2.088 | 2.068 | 1.832 | 1.890 | 1.981 | 5.73  |
| 59) T                                            | m/p-Xylene        |       |       | 1.685 | 1.682 | 1.658 | 1.456 | 1.500 | 1.596 | 6.86  |
| 60) T                                            | o-Xylene          |       |       | 1.740 | 1.697 | 1.668 | 1.442 | 1.490 | 1.607 | 8.25  |
| 61) T                                            | Styrene           |       |       | 0.792 | 0.776 | 0.808 | 0.726 | 0.734 | 0.767 | 4.68  |
| 62) T                                            | Isopropylbenzene  |       |       | 2.517 | 2.470 | 2.439 | 2.170 | 2.202 | 2.360 | 6.83  |
| 63) T                                            | 1,1,2,2-Tetrac... | 1.407 | 1.176 | 0.990 | 0.985 | 0.968 | 0.873 | 0.892 | 1.042 | 18.12 |
| 64) T                                            | n-propylbenzene   |       |       | 0.645 | 0.605 | 0.610 | 0.542 | 0.564 | 0.593 | 6.81  |
| 65) T                                            | tert-Butylbenzene |       |       | 2.319 | 2.358 | 2.315 | 1.907 | 1.945 | 2.169 | 10.27 |
| 66) T                                            | Benzyl Chloride   |       |       | 0.241 | 0.239 | 0.258 | 0.246 | 0.208 | 0.238 | 7.84  |
| 67) T                                            | sec-Butylbenzene  |       |       | 3.242 | 3.219 | 3.253 | 2.662 | 2.709 | 3.017 | 10.05 |
| 68) S                                            | 1-Bromo-4-Fluo... | 0.819 | 0.814 | 0.824 | 0.818 | 0.822 | 0.831 | 0.825 | 0.822 | 0.69  |
| 69) T                                            | p-Isopropyltol... |       |       | 2.834 | 2.818 | 2.811 | 2.304 | 2.338 | 2.621 | 10.46 |
| 70) T                                            | n-Butylbenzene    |       |       | 2.985 | 2.926 | 2.953 | 2.370 | 2.414 | 2.730 | 11.33 |
| 71) T                                            | 2-Chlorotoluene   |       |       | 1.972 | 1.924 | 1.920 | 1.695 | 1.744 | 1.851 | 6.65  |
| 72) T                                            | 4-Ethyltoluene    |       |       | 2.055 | 2.118 | 2.054 | 1.765 | 1.833 | 1.965 | 7.92  |
| 73) T                                            | 1,3,5-Trimethy... |       |       | 1.894 | 1.851 | 1.841 | 1.517 | 1.570 | 1.735 | 10.19 |
| 74) T                                            | 1,2,4-Trimethy... |       |       | 2.348 | 2.245 | 2.168 | 1.671 | 1.698 | 2.026 | 15.71 |
| 75) T                                            | 1,3-Dichlorobe... |       |       | 1.119 | 1.121 | 1.119 | 0.948 | 0.960 | 1.053 | 8.64  |
| 76) T                                            | 1,4-Dichlorobe... |       |       | 1.138 | 1.115 | 1.122 | 0.944 | 0.974 | 1.059 | 8.69  |
| 77) T                                            | 1,2-Dichlorobe... |       |       | 1.085 | 1.093 | 1.114 | 0.904 | 0.924 | 1.024 | 9.88  |
| 78) T                                            | Hexachloro-1,3... |       |       | 1.163 | 1.136 | 1.135 | 0.863 | 0.874 | 1.034 | 14.66 |
| 79) T                                            | Naphthalene       | 2.433 |       | 2.395 | 2.756 | 2.909 | 2.004 | 2.040 | 2.423 | 15.11 |
| 80) T                                            | Naphthalene,2-... |       |       | 1.311 | 1.534 | 1.777 | 1.115 | 1.168 | 1.381 | 19.88 |
| 81) T                                            | 1,2,4-Trichlor... |       |       | 1.026 | 1.117 | 1.224 | 0.905 | 0.929 | 1.040 | 12.75 |

(#) = Out of Range

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: RMJE02

Lab Code: CHEM Case No.: Q1908 SAS No.: Q1908 SDG No.: Q1908

Instrument ID: MSVOA\_L Calibration Date/Time: 04/29/2025 08:39

Lab File ID: VL042436.D Init. Calib. Date(s): 04/17/2025 04/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:44 12:54

GC Column: RTX-1 ID: 0.32 (mm)

| COMPOUND                       | RRF   | RRF010 | MIN<br>RRF | %D     | MAX%D |
|--------------------------------|-------|--------|------------|--------|-------|
| Dichlorodifluoromethane        | 1.767 | 2.050  |            | 16.02  | 30    |
| Chloromethane                  | 0.699 | 0.788  |            | 12.73  | 30    |
| Vinyl Chloride                 | 0.761 | 0.756  |            | -0.66  | 30    |
| Bromomethane                   | 0.327 | 0.358  |            | 9.48   | 30    |
| Chloroethane                   | 0.275 | 0.307  |            | 11.64  | 30    |
| Tetrahydrofuran                | 0.461 | 0.391  |            | -15.18 | 30    |
| Trichlorofluoromethane         | 1.680 | 1.990  |            | 18.45  | 30    |
| 1,1,2-Trichlorotrifluoroethane | 1.374 | 1.502  |            | 9.32   | 30    |
| Dichlorotetrafluoroethane      | 1.517 | 1.746  |            | 15.1   | 30    |
| tert-Butyl alcohol             | 2.029 | 2.005  |            | -1.18  | 30    |
| Heptane                        | 2.153 | 1.613  |            | -25.08 | 30    |
| 1,1-Dichloroethene             | 0.642 | 0.659  |            | 2.65   | 30    |
| Acetone                        | 1.637 | 1.614  |            | -1.4   | 30    |
| Carbon Disulfide               | 1.749 | 1.858  |            | 6.23   | 30    |
| Methyl tert-Butyl Ether        | 1.070 | 0.996  |            | -6.92  | 30    |
| Methylene Chloride             | 0.641 | 0.587  |            | -8.42  | 30    |
| trans-1,2-Dichloroethene       | 0.731 | 0.756  |            | 3.42   | 30    |
| 1,1-Dichloroethane             | 1.388 | 1.506  |            | 8.5    | 30    |
| Cyclohexane                    | 1.320 | 1.140  |            | -13.64 | 30    |
| 2-Butanone                     | 0.791 | 0.745  |            | -5.82  | 30    |
| Carbon Tetrachloride           | 0.905 | 1.017  |            | 12.38  | 30    |
| cis-1,2-Dichloroethene         | 1.553 | 1.525  |            | -1.8   | 30    |
| Chloroform                     | 2.309 | 2.540  |            | 10     | 30    |
| 1,1,1-Trichloroethane          | 2.599 | 2.727  |            | 4.93   | 30    |
| 2,2,4-Trimethylpentane         | 1.863 | 1.678  |            | -9.93  | 30    |
| Benzene                        | 1.079 | 1.010  |            | -6.39  | 30    |
| 1,2-Dichloroethane             | 0.647 | 0.786  |            | 21.48  | 30    |
| Trichloroethene                | 0.471 | 0.398  |            | -15.5  | 30    |
| 1,2-Dichloropropane            | 0.402 | 0.354  |            | -11.94 | 30    |
| Bromodichloromethane           | 0.901 | 1.002  |            | 11.21  | 30    |
| 4-Methyl-2-Pentanone           | 1.314 | 1.047  |            | -20.32 | 30    |
| Toluene                        | 1.294 | 1.161  |            | -10.28 | 30    |
| t-1,3-Dichloropropene          | 0.497 | 0.448  |            | -9.86  | 30    |
| cis-1,3-Dichloropropene        | 0.608 | 0.544  |            | -10.53 | 30    |
| 1,1,2-Trichloroethane          | 0.410 | 0.415  |            | 1.22   | 30    |
| Dibromochloromethane           | 0.723 | 0.748  |            | 3.46   | 30    |
| 1,2-Dibromoethane              | 0.586 | 0.578  |            | -1.37  | 30    |
| Tetrachloroethene              | 0.417 | 0.327  |            | -21.58 | 30    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: RMJE02

Lab Code: CHEM Case No.: Q1908 SAS No.: Q1908 SDG No.: Q1908

Instrument ID: MSVOA\_L Calibration Date/Time: 04/29/2025 08:39

Lab File ID: VL042436.D Init. Calib. Date(s): 04/17/2025 04/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:44 12:54

GC Column: RTX-1 ID: 0.32 (mm)

| COMPOUND                  | RRF     | RRF010  | MIN<br>RRF | %D     | MAX%D |
|---------------------------|---------|---------|------------|--------|-------|
| Chlorobenzene             | 1.040   | 1.049   |            | 0.87   | 30    |
| Ethyl Benzene             | 1.981   | 1.988   |            | 0.35   | 30    |
| m/p-Xylene                | 1.596   | 1.685   |            | 5.58   | 30    |
| o-Xylene                  | 1.607   | 1.718   |            | 6.91   | 30    |
| Styrene                   | 0.767   | 0.725   |            | -5.48  | 30    |
| Bromoform                 | 0.633   | 0.607   |            | -4.11  | 30    |
| 1,1,2,2-Tetrachloroethane | 1.042   | 1.010   |            | -3.07  | 30    |
| 2-Chlorotoluene           | 1.851   | 1.956   |            | 5.67   | 30    |
| 1,3,5-Trimethylbenzene    | 1.735   | 1.830   |            | 5.48   | 30    |
| 1,2,4-Trimethylbenzene    | 2.026   | 2.052   |            | 1.28   | 30    |
| 1,3-Dichlorobenzene       | 1.053   | 1.056   |            | 0.28   | 30    |
| 1,4-Dichlorobenzene       | 1.059   | 1.081   |            | 2.08   | 30    |
| 1,2-Dichlorobenzene       | 1.024   | 1.051   |            | 2.64   | 30    |
| 1,2,4-Trichlorobenzene    | 1.040   | 0.974   |            | -6.35  | 30    |
| Hexachloro-1,3-Butadiene  | 1.034   | 0.976   |            | -5.61  | 30    |
| 1,3-Butadiene             | 0.783   | 0.776   |            | -0.89  | 30    |
| Naphthalene               | 2.423   | 2.279   |            | -5.94  | 30    |
| 4-Ethyltoluene            | 1.965   | 2.072   |            | 5.45   | 30    |
| 1-Bromo-4-Fluorobenzene   | 0.822   | 0.938   |            | 14.11  | 30    |
| Hexane                    | 1.633   | 1.343   |            | -17.76 | 30    |
| Allyl Chloride            | 1.130   | 1.151   |            | 1.86   | 30    |
| 1,4-Dioxane               | 220.893 | 174.653 |            | -20.93 | 30    |
| Methyl Methacrylate       | 0.486   | 0.407   |            | -16.25 | 30    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.



# SHIPPING DOCUMENTS

|                                                                                                                                                         |                |                          |                         |                                   |                                    |                            |                                    |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------|-------------------------|-----------------------------------|------------------------------------|----------------------------|------------------------------------|------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------|---------------------------------------------------------|-------------|-------|--------------|-------------|--|--|--------------------|----------|--|--|--|
| Client Contact Information                                                                                                                              |                |                          |                         |                                   |                                    |                            | Bottle Order ID : B2504043         |                                    |                                   |                                                                                                                                                          |        |                         | Courier :                                               |             |       |              | 3 of 3 COCs |  |  |                    |          |  |  |  |
| Client ID : RMJE02 Project ID : NJ Cleanup                                                                                                              |                |                          |                         |                                   |                                    |                            | Sampler Name(s) :                  |                                    |                                   |                                                                                                                                                          |        |                         | Analysis                                                |             |       |              | Matrix      |  |  |                    |          |  |  |  |
| Customer Name : RMJ Environomics, Inc.<br><br>Address : 190 Parish Drive<br><br>City : Wayne<br><br>State : NJ<br><br>Zip Code : 07470<br><br>Country : |                |                          |                         |                                   |                                    |                            | Project Manager : Jonathan pereira |                                    |                                   |                                                                                                                                                          |        |                         | AIR ANALYSIS<br>CHAIN-OF-CUSTODY<br><br>Batch Certified |             |       |              |             |  |  |                    |          |  |  |  |
|                                                                                                                                                         |                |                          |                         |                                   |                                    |                            | Phone Number : 973-633-0020        |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
|                                                                                                                                                         |                |                          |                         |                                   |                                    |                            | Fax Number : 9736330019            |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
|                                                                                                                                                         |                |                          |                         |                                   |                                    |                            | Site Details:                      |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
|                                                                                                                                                         |                |                          |                         |                                   |                                    |                            | Analysis Turnaround Time           |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
| Standard : 10 business days OR                                                                                                                          |                |                          |                         |                                   |                                    |                            | Data Package Type :                |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
| Rush (Specify): Days                                                                                                                                    |                |                          |                         |                                   |                                    |                            | EDD Type :                         |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
|                                                                                                                                                         |                |                          |                         |                                   |                                    |                            |                                    |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
| Sample Identification                                                                                                                                   | Sample Date(s) | Time Start (24 hr Clock) | Time Stop (24 hr Clock) | Can Vacuum in Field ("Hg) (Start) | Can Vacuum in Field ("Hg) (Stop)** | Interior Temp. (F) (Start) | Interior Temp. (F) (Stop)          | Out going Can Pressure ("Hg)(Lab)  | In coming Can Pressure ("Hg)(Lab) | Flow Reg. ID                                                                                                                                             | Can ID |                         | Flow Controller Readout (ml/min)                        | Can Cert ID | TO-15 |              |             |  |  | Indoor/Ambinet Air | Soil Gas |  |  |  |
| B-3                                                                                                                                                     | 4/28           | 1340                     | 1355                    | -30                               | -5                                 | 60°F                       | 61°F                               | -30                                | -5.1                              | 10615                                                                                                                                                    | 10297  | 6 L                     | 400                                                     | VL042399.D  |       |              |             |  |  |                    |          |  |  |  |
| Temperature (Fahrenheit)                                                                                                                                |                |                          |                         |                                   |                                    |                            |                                    |                                    |                                   | GC/MS Analyst Signature (TO-15)<br>                                                                                                                      |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
|                                                                                                                                                         |                | Ambient                  | Maximum                 | Minimum                           |                                    |                            |                                    |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
| Start                                                                                                                                                   |                |                          |                         |                                   |                                    |                            |                                    |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
| Stop                                                                                                                                                    |                |                          |                         |                                   |                                    |                            |                                    |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
| Pressure (Inches of Hg)                                                                                                                                 |                |                          |                         |                                   |                                    |                            |                                    |                                    |                                   | ** Submittal of this COC indicates approval of the analysis based on existing conditions.<br><br>Please follow the instructions on the back of this COC. |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
|                                                                                                                                                         |                | Ambient                  | Maximum                 | Minimum                           |                                    |                            |                                    |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
| Start                                                                                                                                                   |                |                          |                         |                                   |                                    |                            |                                    |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
| Stop                                                                                                                                                    |                |                          |                         |                                   |                                    |                            |                                    |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
| Special Instructions/QC Requirements & Comments :                                                                                                       |                |                          |                         |                                   |                                    |                            |                                    |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
| Suspected Contamination: High Medium Low PID Readings:                                                                                                  |                |                          |                         |                                   |                                    |                            |                                    |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
| Sampling site (State):                                                                                                                                  |                |                          |                         |                                   |                                    |                            |                                    |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
| Quick Connector required : NO                                                                                                                           |                |                          |                         |                                   |                                    |                            |                                    |                                    |                                   |                                                                                                                                                          |        |                         |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
| Canisters Shipped by: Sam                                                                                                                               |                |                          |                         | Date/Time: 4/28/25                |                                    |                            |                                    | Canisters Received by: [Signature] |                                   |                                                                                                                                                          |        | Date/Time: 4/28/25 1430 |                                                         |             |       | B2504043 - 1 |             |  |  |                    |          |  |  |  |
| Samples Relinquished by:                                                                                                                                |                |                          |                         | Date/Time:                        |                                    |                            |                                    | Received by:                       |                                   |                                                                                                                                                          |        | Date/Time:              |                                                         |             |       |              |             |  |  |                    |          |  |  |  |
| Relinquished by:                                                                                                                                        |                |                          |                         | Date/Time:                        |                                    |                            |                                    | Received by:                       |                                   |                                                                                                                                                          |        | Date/Time:              |                                                         |             |       |              |             |  |  |                    |          |  |  |  |

|                                                                                                                                                                                            |                |                          |                         |                                           |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------|-------------------------|-------------------------------------------|------------------------------------|----------------------------|---------------------------|------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------|--|---------------------|--|--|--|--|
| Client Contact Information                                                                                                                                                                 |                |                          |                         | Bottle Order ID : <b>B2504043</b>         |                                    |                            |                           | Courier :                                                              |                                   |                                                                                                                                                              |        | <u>2</u> of <u>3</u> COCs                                                                                                                                                                                                                                                                                                       |                                  |             |  |                     |  |  |  |  |
| Client ID : <b>RMJE02</b> Project ID : <b>NJ Cleanup</b>                                                                                                                                   |                |                          |                         | Sampler Name(s) :                         |                                    |                            |                           | Analysis                                                               |                                   |                                                                                                                                                              |        | Matrix                                                                                                                                                                                                                                                                                                                          |                                  |             |  |                     |  |  |  |  |
| Customer Name : <b>RMJ Environomics, Inc.</b><br><br>Address : <b>190 Parish Drive</b><br><br>City : <b>Wayne</b><br><br>State : <b>NJ</b><br><br>Zip Code : <b>07470</b><br><br>Country : |                |                          |                         | Project Manager : <b>Jonathan pereira</b> |                                    |                            |                           | <b>AIR ANALYSIS<br/>CHAIN-OF-CUSTODY</b><br><br><b>Batch Certified</b> |                                   |                                                                                                                                                              |        | <div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TO-15</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Indoor/Ambient Air</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Soil Gas</div> </div> |                                  |             |  |                     |  |  |  |  |
|                                                                                                                                                                                            |                |                          |                         | Phone Number : <b>973-633-0020</b>        |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
|                                                                                                                                                                                            |                |                          |                         | Fax Number : <b>9736330019</b>            |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
|                                                                                                                                                                                            |                |                          |                         | Site Details:                             |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
| Analysis Turnaround Time                                                                                                                                                                   |                |                          |                         | Data Package Type :                       |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
| Standard : <b>10 business days</b> OR                                                                                                                                                      |                |                          |                         | EDD Type :                                |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
| Rush (Specify): <u>                    </u> Days                                                                                                                                           |                |                          |                         |                                           |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
| Sample Identification                                                                                                                                                                      | Sample Date(s) | Time Start (24 hr Clock) | Time Stop (24 hr Clock) | Can Vacuum in Field ("Hg) (Start)         | Can Vacuum in Field ("Hg) (Stop)** | Interior Temp. (F) (Start) | Interior Temp. (F) (Stop) | Out going Can Pressure ("Hg)(Lab)                                      | In coming Can Pressure ("Hg)(Lab) | Flow Reg. ID                                                                                                                                                 | Can ID |                                                                                                                                                                                                                                                                                                                                 | Flow Controller Readout (ml/min) | Can Cert ID |  |                     |  |  |  |  |
| B-2                                                                                                                                                                                        | 4/28           | 1335                     | 1350                    | -30                                       | -7                                 | 61°F                       | 62°F                      | -30                                                                    | -5.5                              | 10533                                                                                                                                                        | 10595  | 6 L                                                                                                                                                                                                                                                                                                                             | 400                              | VL042330.D  |  |                     |  |  |  |  |
| Temperature (Fahrenheit)                                                                                                                                                                   |                |                          |                         |                                           |                                    |                            |                           |                                                                        |                                   | GC/MS Analyst Signature (TO-15) <span style="float: right; border: 1px solid black; padding: 2px;">Sut</span>                                                |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
|                                                                                                                                                                                            |                | Ambient                  | Maximum                 | Minimum                                   |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
| Start                                                                                                                                                                                      |                |                          |                         |                                           |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
| Stop                                                                                                                                                                                       |                |                          |                         |                                           |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
| Pressure (Inches of Hg)                                                                                                                                                                    |                |                          |                         |                                           |                                    |                            |                           |                                                                        |                                   | ** Submittal of this COC indicates approval of the analysis based on existing conditions.<br><br><br>Please follow the instructions on the back of this COC. |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
|                                                                                                                                                                                            |                | Ambient                  | Maximum                 | Minimum                                   |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
| Start                                                                                                                                                                                      |                |                          |                         |                                           |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
| Stop                                                                                                                                                                                       |                |                          |                         |                                           |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
| Special Instructions/QC Requirements & Comments :                                                                                                                                          |                |                          |                         |                                           |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
| Suspected Contamination:                      High                      Medium                      Low                      PID Readings:                                                 |                |                          |                         |                                           |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
| Sampling site (State):                                                                                                                                                                     |                |                          |                         |                                           |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
| Quick Connector required : <u>NO</u>                                                                                                                                                       |                |                          |                         |                                           |                                    |                            |                           |                                                                        |                                   |                                                                                                                                                              |        |                                                                                                                                                                                                                                                                                                                                 |                                  |             |  |                     |  |  |  |  |
| Canisters Shipped by: <u>Sam</u>                                                                                                                                                           |                |                          |                         | Date/Time: <u>04/28/25</u>                |                                    |                            |                           | Canisters Received by: <u>SAU</u>                                      |                                   |                                                                                                                                                              |        | Date/Time: <u>4/28/25 1430</u>                                                                                                                                                                                                                                                                                                  |                                  |             |  | <b>B2504043 - 2</b> |  |  |  |  |
| Samples Relinquished by:                                                                                                                                                                   |                |                          |                         | Date/Time:                                |                                    |                            |                           | Received by:                                                           |                                   |                                                                                                                                                              |        | Date/Time:                                                                                                                                                                                                                                                                                                                      |                                  |             |  |                     |  |  |  |  |
| Relinquished by:                                                                                                                                                                           |                |                          |                         | Date/Time:                                |                                    |                            |                           | Received by:                                                           |                                   |                                                                                                                                                              |        | Date/Time:                                                                                                                                                                                                                                                                                                                      |                                  |             |  |                     |  |  |  |  |

|                                                                                                                                                                                                                                                                                            |                |                          |                         |                                   |                                    |                                           |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------|-------------------------|-----------------------------------|------------------------------------|-------------------------------------------|---------------------------|-----------------------------------|-----------------------------------|------------------------------------------------------------------------|---------|--------------------------------|----------------------------------|-------------|-------|--------------------|----------|------|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
| Client Contact Information                                                                                                                                                                                                                                                                 |                |                          |                         |                                   |                                    | Bottle Order ID : <b>B2504043</b>         |                           |                                   |                                   | Courier :                                                              |         |                                |                                  | 1 of 3 COCs |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Client ID : <b>RMJE02</b> Project ID : <b>NJ Cleanup</b>                                                                                                                                                                                                                                   |                |                          |                         |                                   |                                    | Sampler Name(s) :                         |                           |                                   |                                   | Analysis                                                               |         |                                |                                  | Matrix      |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Customer Name : <b>RMJ Environomics, Inc.</b><br>Address : <b>190 Parish Drive</b><br>City : <b>Wayne</b><br>State : <b>NJ</b><br>Zip Code : <b>07470</b><br>Country :                                                                                                                     |                |                          |                         |                                   |                                    | Project Manager : <b>Jonathan pereira</b> |                           |                                   |                                   | <b>AIR ANALYSIS<br/>CHAIN-OF-CUSTODY</b><br><br><b>Batch Certified</b> |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                            |                |                          |                         |                                   |                                    | Phone Number : <b>973-633-0020</b>        |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                            |                |                          |                         |                                   |                                    | Fax Number : <b>9736330019</b>            |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                            |                |                          |                         |                                   |                                    | Site Details:                             |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Analysis Turnaround Time                                                                                                                                                                                                                                                                   |                |                          |                         |                                   |                                    | Data Package Type :                       |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Standard : <b>10 business days</b> OR                                                                                                                                                                                                                                                      |                |                          |                         |                                   |                                    | EDD Type :                                |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Rush (Specify): <b>Days</b>                                                                                                                                                                                                                                                                |                |                          |                         |                                   |                                    |                                           |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Sample Identification                                                                                                                                                                                                                                                                      | Sample Date(s) | Time Start (24 hr Clock) | Time Stop (24 hr Clock) | Can Vacuum in Field ("Hg) (Start) | Can Vacuum in Field ("Hg) (Stop)** | Interior Temp. (F) (Start)                | Interior Temp. (F) (Stop) | Out going Can Pressure ("Hg)(Lab) | In coming Can Pressure ("Hg)(Lab) | Flow Reg. ID                                                           | Can ID  |                                | Flow Controller Readout (ml/min) | Can Cert ID | TO-15 | Indoor/Ambient Air | Soil Gas |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| B-1                                                                                                                                                                                                                                                                                        | 4/28           | 1330                     | 1345                    | -30                               | -6                                 | 62°F                                      | 64°F                      | -30                               | -6.3                              | 10701                                                                  | 10598   | 6 L                            | 400                              | VL042399.D  |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Temperature (Fahrenheit) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> <td></td> </tr> </table> |                |                          |                         |                                   |                                    |                                           |                           |                                   |                                   |                                                                        | Ambient | Maximum                        | Minimum                          | Start       |       |                    |          | Stop |  |  |  | GC/MS Analyst Signature (TO-15) <span style="float: right;"></span>                                                                                      |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                            | Ambient        | Maximum                  | Minimum                 |                                   |                                    |                                           |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Start                                                                                                                                                                                                                                                                                      |                |                          |                         |                                   |                                    |                                           |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Stop                                                                                                                                                                                                                                                                                       |                |                          |                         |                                   |                                    |                                           |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Pressure (Inches of Hg) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> <td></td> </tr> </table>  |                |                          |                         |                                   |                                    |                                           |                           |                                   |                                   |                                                                        | Ambient | Maximum                        | Minimum                          | Start       |       |                    |          | Stop |  |  |  | ** Submittal of this COC indicates approval of the analysis based on existing conditions.<br><br>Please follow the instructions on the back of this COC. |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                            | Ambient        | Maximum                  | Minimum                 |                                   |                                    |                                           |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Start                                                                                                                                                                                                                                                                                      |                |                          |                         |                                   |                                    |                                           |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Stop                                                                                                                                                                                                                                                                                       |                |                          |                         |                                   |                                    |                                           |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Special Instructions/QC Requirements & Comments :                                                                                                                                                                                                                                          |                |                          |                         |                                   |                                    |                                           |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Suspected Contamination:                      High                      Medium                      Low                      PID Readings:                                                                                                                                                 |                |                          |                         |                                   |                                    |                                           |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Sampling site (State):                                                                                                                                                                                                                                                                     |                |                          |                         |                                   |                                    |                                           |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Quick Connector required : <b>NO</b>                                                                                                                                                                                                                                                       |                |                          |                         |                                   |                                    |                                           |                           |                                   |                                   |                                                                        |         |                                |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Canisters Shipped by: <b>Sam</b>                                                                                                                                                                                                                                                           |                |                          |                         | Date/Time: <b>04/28/25</b>        |                                    |                                           |                           | Canisters Received by:            |                                   |                                                                        |         | Date/Time: <b>4/28/25 1430</b> |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Samples Relinquished by:                                                                                                                                                                                                                                                                   |                |                          |                         | Date/Time:                        |                                    |                                           |                           | Received by:                      |                                   |                                                                        |         | Date/Time:                     |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |
| Relinquished by:                                                                                                                                                                                                                                                                           |                |                          |                         | Date/Time:                        |                                    |                                           |                           | Received by:                      |                                   |                                                                        |         | Date/Time:                     |                                  |             |       |                    |          |      |  |  |  |                                                                                                                                                          |  |  |  |  |  |  |  |

B2504043 - 3

### Laboratory Certification

| Certified By         | License No.      |
|----------------------|------------------|
|                      |                  |
| CAS EPA CLP Contract | 68HERH20D0011    |
|                      |                  |
| Connecticut          | PH-0830          |
|                      |                  |
| DOD ELAP (ANAB)      | L2219            |
|                      |                  |
| Maine                | 2024021          |
|                      |                  |
| Maryland             | 296              |
|                      |                  |
| New Hampshire        | 255424 Rev 1     |
|                      |                  |
| New Jersey           | 20012            |
|                      |                  |
| New York             | 11376            |
|                      |                  |
| Pennsylvania         | 68-00548         |
|                      |                  |
| Soil Permit          | 525-24-234-08441 |
|                      |                  |
| Texas                | T104704488       |

# Internal Chain of Custody

**Instructions:** Use 1 form for each 20 samples of aliquot

## Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Chemtech

Location: 284 Sheffield Street, Mountainside, NJ 7092

~~GORE~~

Title: Sample Custodian

Field Sample Seal No.: Q1908

Date Broken 4/29/2025

Military Time Seal Broken: 14:30:00

Case No.: 32 Park St Orange NJ

Analytical Parameter/Fraction TO-15

| Sample No. | Aliquot/Extract No. | Sample No. | Aliquot/Extract No. |
|------------|---------------------|------------|---------------------|
| Q1908-01   | B-1                 |            |                     |
| Q1908-02   | B-2                 |            |                     |
| Q1908-03   | B-3                 |            |                     |
|            |                     |            |                     |

| Date | Time | Relinquished By              | Received By                         | Purpose of Change of Custody |
|------|------|------------------------------|-------------------------------------|------------------------------|
| 4/29 | 1045 | Signature                    | Signature                           |                              |
|      |      | Printed Name <u>GORGE N.</u> | Printed Name <u>Sam S. G. G. G.</u> |                              |
|      |      | Signature                    | Signature                           |                              |
|      |      | Printed Name                 | Printed Name                        |                              |
|      |      | Signature                    | Signature                           |                              |
|      |      | Printed Name                 | Printed Name                        |                              |
|      |      | Signature                    | Signature                           |                              |
|      |      | Printed Name                 | Printed Name                        |                              |
|      |      | Signature                    | Signature                           |                              |
|      |      | Printed Name                 | Printed Name                        |                              |
|      |      | Signature                    | Signature                           |                              |
|      |      | Printed Name                 | Printed Name                        |                              |
|      |      | Signature                    | Signature                           |                              |
|      |      | Printed Name                 | Printed Name                        |                              |

Distribution: White - Original (Sent With Report)

Yellow - Contractor Archive

Pink - Sample Custodian - Interim Copy



**CHEMTECH**  
284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: B-3  
Client Name: RMJE02  
Project Name: \_\_\_\_\_  
Date: 4-28-25 Time: 1355  
Analysis: \_\_\_\_\_  
Comments: \_\_\_\_\_  
CHEMTECH'S SAMPLE  
Date Received: \_\_\_\_\_

Storage Location: L51  
Sample: Q1908-03  
Cust #: B-3

B2504043

**CHEMTECH**  
284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: B-2  
Client Name: RMJE02  
Project Name: \_\_\_\_\_  
Date: 4-28-25 Time: 1350  
Analysis: \_\_\_\_\_  
Comments: \_\_\_\_\_  
CHEMTECH'S SAMPLE  
Date Received: \_\_\_\_\_

Storage Location: L51  
Sample: Q1908-02  
Cust #: B-2

B2504043

**CHEMTECH**  
284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: B-1  
Client Name: RMJE02  
Project Name: \_\_\_\_\_  
Date: 4-28-25 Time: 1345  
Analysis: \_\_\_\_\_  
Comments: \_\_\_\_\_  
CHEMTECH'S SAMPLE  
Date Received: \_\_\_\_\_

Storage Location: L51  
Sample: Q1908-01  
Cust #: B-1

B2504043