

## Report of Analysis

Client: RTP Environmental  
Project: CHADWICK SQUARE  
Client Sample ID: AA-1  
Lab Sample ID: Q3799-01  
Analytical Method: TO-15  
Sample Wt/Vol: 400 mL

Date Collected: 12/03/25  
Date Received: 12/04/25  
SDG No.: Q3799  
Matrix: Air  
Test: TO-15

| CAS Number     | Parameter                      | Conc.<br>ppbv | Conc.<br>ug/M3 | Qua. | DF | MDL<br>ug/m3 | LOQ / CRQL<br>ug/m3 | Date Ana.      | BatchID  |
|----------------|--------------------------------|---------------|----------------|------|----|--------------|---------------------|----------------|----------|
| <b>TARGETS</b> |                                |               |                |      |    |              |                     |                |          |
| 75-71-8        | Dichlorodifluoromethane        | 0.39          | 1.93           | J    | 1  | 0.54         | 2.47                | 12/08/25 12:40 | VL120825 |
| 74-87-3        | Chloromethane                  | 2.20          | 4.54           |      | 1  | 0.21         | 1.03                | 12/08/25 12:40 | VL120825 |
| 75-01-4        | Vinyl Chloride                 | 0.030         | 0.080          | U    | 1  | 0.080        | 0.080               | 12/08/25 12:40 | VL120825 |
| 74-83-9        | Bromomethane                   | 0.080         | 0.31           | U    | 1  | 0.31         | 1.94                | 12/08/25 12:40 | VL120825 |
| 75-00-3        | Chloroethane                   | 0.15          | 0.40           | U    | 1  | 0.40         | 1.32                | 12/08/25 12:40 | VL120825 |
| 109-99-9       | Tetrahydrofuran                | 0.080         | 0.24           | U    | 1  | 0.24         | 1.47                | 12/08/25 12:40 | VL120825 |
| 75-69-4        | Trichlorofluoromethane         | 0.21          | 1.18           | J    | 1  | 0.96         | 2.81                | 12/08/25 12:40 | VL120825 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.14          | 1.07           | U    | 1  | 1.07         | 3.83                | 12/08/25 12:40 | VL120825 |
| 76-14-2        | Dichlorotetrafluoroethane      | 0.15          | 1.05           | U    | 1  | 1.05         | 3.49                | 12/08/25 12:40 | VL120825 |
| 75-65-0        | tert-Butyl alcohol             | 0.16          | 0.49           | U    | 1  | 0.49         | 1.52                | 12/08/25 12:40 | VL120825 |
| 142-82-5       | Heptane                        | 0.17          | 0.70           | U    | 1  | 0.70         | 2.05                | 12/08/25 12:40 | VL120825 |
| 75-35-4        | 1,1-Dichloroethene             | 0.15          | 0.59           | U    | 1  | 0.59         | 1.98                | 12/08/25 12:40 | VL120825 |
| 67-64-1        | Acetone                        | 4.80          | 11.4           |      | 1  | 0.43         | 1.19                | 12/08/25 12:40 | VL120825 |
| 75-15-0        | Carbon Disulfide               | 0.080         | 0.25           | U    | 1  | 0.25         | 1.56                | 12/08/25 12:40 | VL120825 |
| 1634-04-4      | Methyl tert-Butyl Ether        | 0.23          | 0.83           | U    | 1  | 0.83         | 1.80                | 12/08/25 12:40 | VL120825 |
| 75-09-2        | Methylene Chloride             | 2.40          | 8.34           |      | 1  | 0.80         | 1.74                | 12/08/25 12:40 | VL120825 |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.12          | 0.48           | U    | 1  | 0.48         | 1.98                | 12/08/25 12:40 | VL120825 |
| 75-34-3        | 1,1-Dichloroethane             | 0.13          | 0.53           | U    | 1  | 0.53         | 2.02                | 12/08/25 12:40 | VL120825 |
| 110-82-7       | Cyclohexane                    | 0.22          | 0.76           | U    | 1  | 0.76         | 1.72                | 12/08/25 12:40 | VL120825 |
| 78-93-3        | 2-Butanone                     | 0.50          | 1.47           |      | 1  | 0.18         | 1.47                | 12/08/25 12:40 | VL120825 |
| 56-23-5        | Carbon Tetrachloride           | 0.090         | 0.57           |      | 1  | 0.19         | 0.19                | 12/08/25 12:40 | VL120825 |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.10          | 0.40           | U    | 1  | 0.40         | 1.98                | 12/08/25 12:40 | VL120825 |
| 67-66-3        | Chloroform                     | 0.15          | 0.73           | J    | 1  | 0.49         | 2.44                | 12/08/25 12:40 | VL120825 |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.020         | 0.11           | U    | 1  | 0.11         | 0.16                | 12/08/25 12:40 | VL120825 |
| 540-84-1       | 2,2,4-Trimethylpentane         | 0.14          | 0.65           | U    | 1  | 0.65         | 2.34                | 12/08/25 12:40 | VL120825 |
| 71-43-2        | Benzene                        | 0.18          | 0.58           | J    | 1  | 0.26         | 1.60                | 12/08/25 12:40 | VL120825 |
| 107-06-2       | 1,2-Dichloroethane             | 0.090         | 0.36           | U    | 1  | 0.36         | 2.02                | 12/08/25 12:40 | VL120825 |
| 79-01-6        | Trichloroethene                | 0.020         | 0.11           | U    | 1  | 0.11         | 0.16                | 12/08/25 12:40 | VL120825 |
| 78-87-5        | 1,2-Dichloropropane            | 0.13          | 0.60           | U    | 1  | 0.60         | 2.31                | 12/08/25 12:40 | VL120825 |
| 75-27-4        | Bromodichloromethane           | 0.060         | 0.40           | U    | 1  | 0.40         | 3.35                | 12/08/25 12:40 | VL120825 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 0.10          | 0.41           | U    | 1  | 0.41         | 2.05                | 12/08/25 12:40 | VL120825 |
| 108-88-3       | Toluene                        | 0.16          | 0.60           | U    | 1  | 0.60         | 1.88                | 12/08/25 12:40 | VL120825 |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.15          | 0.68           | U    | 1  | 0.68         | 2.27                | 12/08/25 12:40 | VL120825 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.11          | 0.50           | U    | 1  | 0.50         | 2.27                | 12/08/25 12:40 | VL120825 |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.080         | 0.44           | U    | 1  | 0.44         | 2.73                | 12/08/25 12:40 | VL120825 |
| 124-48-1       | Dibromochloromethane           | 0.090         | 0.77           | U    | 1  | 0.77         | 4.26                | 12/08/25 12:40 | VL120825 |
| 106-93-4       | 1,2-Dibromoethane              | 0.090         | 0.69           | U    | 1  | 0.69         | 0.77                | 12/08/25 12:40 | VL120825 |
| 127-18-4       | Tetrachloroethene              | 0.020         | 0.14           | U    | 1  | 0.14         | 0.20                | 12/08/25 12:40 | VL120825 |
| 108-90-7       | Chlorobenzene                  | 0.080         | 0.37           | U    | 1  | 0.37         | 2.30                | 12/08/25 12:40 | VL120825 |
| 100-41-4       | Ethyl Benzene                  | 0.19          | 0.83           | U    | 1  | 0.83         | 2.17                | 12/08/25 12:40 | VL120825 |
| 179601-23-1    | m/p-Xylene                     | 0.41          | 1.78           | U    | 1  | 1.78         | 4.34                | 12/08/25 12:40 | VL120825 |
| 95-47-6        | o-Xylene                       | 0.21          | 0.91           | U    | 1  | 0.91         | 2.17                | 12/08/25 12:40 | VL120825 |
| 100-42-5       | Styrene                        | 0.16          | 0.68           | U    | 1  | 0.68         | 2.13                | 12/08/25 12:40 | VL120825 |
| 75-25-2        | Bromoform                      | 0.050         | 0.52           | U    | 1  | 0.52         | 5.17                | 12/08/25 12:40 | VL120825 |
| 79-34-5        | 1,1,2,2-Tetrachloroethane      | 0.020         | 0.14           | U    | 1  | 0.14         | 0.21                | 12/08/25 12:40 | VL120825 |
| 95-49-8        | 2-Chlorotoluene                | 0.17          | 0.88           | U    | 1  | 0.88         | 2.59                | 12/08/25 12:40 | VL120825 |

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|------------|--------------------------|---------------|----------------|------|----|--------------|---------------------|----------------|----------|
| 108-67-8   | 1,3,5-Trimethylbenzene   | 0.18          | 0.88           | U    | 1  | 0.88         | 2.46                | 12/08/25 12:40 | VL120825 |
| 95-63-6    | 1,2,4-Trimethylbenzene   | 0.18          | 0.88           | U    | 1  | 0.88         | 2.46                | 12/08/25 12:40 | VL120825 |
| 541-73-1   | 1,3-Dichlorobenzene      | 0.050         | 0.30           | U    | 1  | 0.30         | 3.01                | 12/08/25 12:40 | VL120825 |
| 106-46-7   | 1,4-Dichlorobenzene      | 0.13          | 0.78           | U    | 1  | 0.78         | 3.01                | 12/08/25 12:40 | VL120825 |
| 95-50-1    | 1,2-Dichlorobenzene      | 0.13          | 0.78           | U    | 1  | 0.78         | 3.01                | 12/08/25 12:40 | VL120825 |
| 120-82-1   | 1,2,4-Trichlorobenzene   | 0.21          | 1.56           | U    | 1  | 1.56         | 3.71                | 12/08/25 12:40 | VL120825 |
| 87-68-3    | Hexachloro-1,3-Butadiene | 0.13          | 1.39           | U    | 1  | 1.39         | 5.33                | 12/08/25 12:40 | VL120825 |
| 106-99-0   | 1,3-Butadiene            | 0.050         | 0.11           | U    | 1  | 0.11         | 1.11                | 12/08/25 12:40 | VL120825 |
| 91-20-3    | Naphthalene              | 0.010         | 0.050          | U    | 1  | 0.050        | 0.52                | 12/08/25 12:40 | VL120825 |
| 622-96-8   | 4-Ethyltoluene           | 0.21          | 1.03           | U    | 1  | 1.03         | 2.46                | 12/08/25 12:40 | VL120825 |
| 110-54-3   | Hexane                   | 1.20          | 4.23           |      | 1  | 0.56         | 1.76                | 12/08/25 12:40 | VL120825 |
| 107-05-1   | Allyl Chloride           | 0.11          | 0.34           | U    | 1  | 0.34         | 1.57                | 12/08/25 12:40 | VL120825 |
| 123-91-1   | 1,4-Dioxane              | 0.22          | 0.79           | U    | 1  | 0.79         | 1.80                | 12/08/25 12:40 | VL120825 |
| 80-62-6    | Methyl Methacrylate      | 0.14          | 0.57           | U    | 1  | 0.57         | 2.05                | 12/08/25 12:40 | VL120825 |

### SURROGATES

460-00-4 1-Bromo-4-Fluorobenzene 10.2 70 (65) - 130 (135) 102% SPK: 10

### INTERNAL STANDARDS

|                              | Area Count |
|------------------------------|------------|
| 74-97-5 Bromochloromethane   | 152000     |
| 540-36-3 1,4-Difluorobenzene | 390000     |
| 3114-55-4 Chlorobenzene-d5   | 311000     |

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