

## Report of Analysis

|                    |                                                 |                 |          |
|--------------------|-------------------------------------------------|-----------------|----------|
| Client:            | Woodard & Curran                                | Date Collected: | 04/01/25 |
| Project:           | US EPA Riverside Industrial Park Superfund Site | Date Received:  | 04/03/25 |
| Client Sample ID:  | IA-B2-4-03312025DL                              | SDG No.:        | Q1726    |
| Lab Sample ID:     | Q1726-07DL                                      | 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 |
| VL042373.D        | 20        |           | 04/17/25 23:57 | VL041725      |

| CAS Number     | Parameter                      | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|--------------------------------|---------------|----------------|-----------|------|------------|-------|
| <b>TARGETS</b> |                                |               |                |           |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 4.20          | 20.8           | UD        | 20.8 | 49.5       | ug/m3 |
| 64-17-5        | Ethanol                        | 380           | 716            | EDQ       | 12.1 | 18.8       | ug/m3 |
| 74-87-3        | Chloromethane                  | 2.00          | 4.13           | UD        | 4.13 | 20.6       | ug/m3 |
| 75-01-4        | Vinyl Chloride                 | 0.28          | 0.72           | UD        | 0.72 | 1.53       | ug/m3 |
| 74-83-9        | Bromomethane                   | 2.80          | 10.9           | UD        | 10.9 | 38.8       | ug/m3 |
| 75-00-3        | Chloroethane                   | 3.40          | 8.97           | UD        | 8.97 | 26.4       | ug/m3 |
| 109-99-9       | Tetrahydrofuran                | 2.60          | 7.67           | UD        | 7.67 | 29.5       | ug/m3 |
| 75-69-4        | Trichlorofluoromethane         | 3.20          | 18.0           | UD        | 18.0 | 56.2       | ug/m3 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 3.20          | 24.5           | UD        | 24.5 | 76.7       | ug/m3 |
| 76-14-2        | Dichlorotetrafluoroethane      | 1.80          | 12.6           | UD        | 12.6 | 69.9       | ug/m3 |
| 593-60-2       | Bromoethene                    | 2.40          | 10.5           | UD        | 10.5 | 43.7       | ug/m3 |
| 75-65-0        | tert-Butyl alcohol             | 3.80          | 11.5           | UD        | 11.5 | 30.3       | ug/m3 |
| 142-82-5       | Heptane                        | 5.10          | 20.9           | JD        | 9.02 | 41.0       | ug/m3 |
| 67-63-0        | Isopropyl Alcohol              | 37.9          | 93.2           | D         | 3.44 | 24.6       | ug/m3 |
| 75-35-4        | 1,1-Dichloroethene             | 2.80          | 11.1           | UD        | 11.1 | 39.6       | ug/m3 |
| 67-64-1        | Acetone                        | 590           | 1400           | ED        | 11.4 | 23.8       | ug/m3 |
| 75-15-0        | Carbon Disulfide               | 3.20          | 9.97           | UD        | 9.97 | 31.1       | ug/m3 |
| 1634-04-4      | Methyl tert-Butyl Ether        | 2.40          | 8.65           | UD        | 8.65 | 36.0       | ug/m3 |
| 75-09-2        | Methylene Chloride             | 3.80          | 13.2           | UD        | 13.2 | 34.7       | ug/m3 |
| 156-60-5       | trans-1,2-Dichloroethene       | 3.80          | 15.1           | UD        | 15.1 | 39.6       | ug/m3 |
| 75-34-3        | 1,1-Dichloroethane             | 2.60          | 10.5           | UD        | 10.5 | 40.5       | ug/m3 |
| 110-82-7       | Cyclohexane                    | 4.40          | 15.2           | UD        | 15.2 | 34.4       | ug/m3 |
| 78-93-3        | 2-Butanone                     | 2.40          | 7.08           | UD        | 7.08 | 29.5       | ug/m3 |
| 56-23-5        | Carbon Tetrachloride           | 0.22          | 1.38           | UD        | 1.38 | 3.77       | ug/m3 |
| 156-59-2       | cis-1,2-Dichloroethene         | 1.80          | 7.14           | UD        | 7.14 | 39.6       | ug/m3 |
| 67-66-3        | Chloroform                     | 1.70          | 8.30           | UD        | 8.30 | 48.8       | ug/m3 |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.19          | 1.04           | UD        | 1.04 | 3.27       | ug/m3 |
| 540-84-1       | 2,2,4-Trimethylpentane         | 10.9          | 50.9           | D         | 9.34 | 46.7       | ug/m3 |
| 71-43-2        | Benzene                        | 1.70          | 5.43           | UD        | 5.43 | 31.9       | ug/m3 |
| 107-06-2       | 1,2-Dichloroethane             | 1.80          | 7.29           | UD        | 7.29 | 40.5       | ug/m3 |
| 79-01-6        | Trichloroethene                | 0.34          | 1.83           | UD        | 1.83 | 3.22       | ug/m3 |
| 78-87-5        | 1,2-Dichloropropane            | 2.20          | 10.2           | UD        | 10.2 | 46.2       | ug/m3 |
| 75-27-4        | Bromodichloromethane           | 1.50          | 10.1           | UD        | 10.1 | 67.0       | ug/m3 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 1.90          | 7.79           | UD        | 7.79 | 41.0       | ug/m3 |
| 108-88-3       | Toluene                        | 27.3          | 103            | D         | 8.29 | 37.7       | ug/m3 |

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| Lab Sample ID:     | Q1726-07DL                                      | Matrix:         | Air      |
| Analytical Method: | TO-15                                           | Test:           | TO-15    |
| Sample Wt/Vol:     | 400      Units:    mL                           |                 |          |

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| VL042373.D        | 20        |           | 04/17/25 23:57 | VL041725      |

| CAS Number  | Parameter                 | Conc.<br>ppbv | Conc.<br>ug/M3 | Qualifier | MDL  | LOQ / CRQL | Units |
|-------------|---------------------------|---------------|----------------|-----------|------|------------|-------|
| 10061-02-6  | t-1,3-Dichloropropene     | 1.20          | 5.45           | UD        | 5.45 | 45.4       | ug/m3 |
| 10061-01-5  | cis-1,3-Dichloropropene   | 1.30          | 5.90           | UD        | 5.90 | 45.4       | ug/m3 |
| 79-00-5     | 1,1,2-Trichloroethane     | 1.40          | 7.64           | UD        | 7.64 | 54.6       | ug/m3 |
| 124-48-1    | Dibromochloromethane      | 1.30          | 11.1           | UD        | 11.1 | 85.2       | ug/m3 |
| 106-93-4    | 1,2-Dibromoethane         | 1.40          | 10.8           | UD        | 10.8 | 15.4       | ug/m3 |
| 127-18-4    | Tetrachloroethene         | 0.30          | 2.03           | UD        | 2.03 | 4.07       | ug/m3 |
| 108-90-7    | Chlorobenzene             | 1.50          | 6.91           | UD        | 6.91 | 46.0       | ug/m3 |
| 100-41-4    | Ethyl Benzene             | 5.10          | 22.1           | JD        | 10.4 | 43.4       | ug/m3 |
| 179601-23-1 | m/p-Xylene                | 17.7          | 76.9           | JD        | 18.2 | 86.9       | ug/m3 |
| 95-47-6     | o-Xylene                  | 6.80          | 29.5           | JD        | 10.4 | 43.4       | ug/m3 |
| 100-42-5    | Styrene                   | 2.20          | 9.37           | UD        | 9.37 | 42.6       | ug/m3 |
| 75-25-2     | Bromoform                 | 1.10          | 11.4           | UD        | 11.4 | 103        | ug/m3 |
| 79-34-5     | 1,1,2,2-Tetrachloroethane | 0.22          | 1.51           | UD        | 1.51 | 4.12       | ug/m3 |
| 95-49-8     | 2-Chlorotoluene           | 2.20          | 11.4           | UD        | 11.4 | 51.8       | ug/m3 |
| 108-67-8    | 1,3,5-Trimethylbenzene    | 3.60          | 17.7           | JD        | 10.8 | 49.2       | ug/m3 |
| 95-63-6     | 1,2,4-Trimethylbenzene    | 9.40          | 46.2           | JD        | 7.87 | 49.2       | ug/m3 |
| 541-73-1    | 1,3-Dichlorobenzene       | 1.60          | 9.62           | UD        | 9.62 | 60.1       | ug/m3 |
| 106-46-7    | 1,4-Dichlorobenzene       | 1.10          | 6.61           | UD        | 6.61 | 60.1       | ug/m3 |
| 95-50-1     | 1,2-Dichlorobenzene       | 1.50          | 9.02           | UD        | 9.02 | 60.1       | ug/m3 |
| 120-82-1    | 1,2,4-Trichlorobenzene    | 1.70          | 12.6           | UD        | 12.6 | 74.2       | ug/m3 |
| 87-68-3     | Hexachloro-1,3-Butadiene  | 1.70          | 18.1           | UD        | 18.1 | 107        | ug/m3 |
| 106-99-0    | 1,3-Butadiene             | 2.60          | 5.75           | UD        | 5.75 | 22.1       | ug/m3 |
| 91-20-3     | Naphthalene               | 1.50          | 7.86           | UD        | 7.86 | 10.5       | ug/m3 |
| 622-96-8    | 4-Ethyltoluene            | 2.60          | 12.8           | JD        | 11.8 | 49.2       | ug/m3 |
| 110-54-3    | Hexane                    | 2.20          | 7.75           | UD        | 7.75 | 35.2       | ug/m3 |
| 107-05-1    | Allyl Chloride            | 3.00          | 9.39           | UD        | 9.39 | 31.3       | ug/m3 |
| 123-91-1    | 1,4-Dioxane               | 4.20          | 15.1           | UD        | 15.1 | 36.0       | ug/m3 |
| 80-62-6     | Methyl Methacrylate       | 1.70          | 6.96           | UD        | 6.96 | 41.0       | ug/m3 |

### SURROGATES

|          |                         |      |  |                     |      |         |
|----------|-------------------------|------|--|---------------------|------|---------|
| 460-00-4 | 1-Bromo-4-Fluorobenzene | 10.1 |  | 70 (65) - 130 (135) | 101% | SPK: 10 |
|----------|-------------------------|------|--|---------------------|------|---------|

### INTERNAL STANDARDS

|           |                     |        |       |
|-----------|---------------------|--------|-------|
| 74-97-5   | Bromochloromethane  | 108000 | 2.784 |
| 540-36-3  | 1,4-Difluorobenzene | 303000 | 3.952 |
| 3114-55-4 | Chlorobenzene-d5    | 266000 | 8.875 |

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|------------|-----------|---------------|----------------|-----------|-----|------------|-------|
|------------|-----------|---------------|----------------|-----------|-----|------------|-------|

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