

## Report of Analysis

Client: Woodard & Curran  
Project: US EPA Riverside Industrial Park Superfund Site  
Client Sample ID: B127(5.5-8)120925  
Lab Sample ID: Q3834-29  
Analytical Method: 8260D  
Sample Wt/Vol: 11.93 g

Level: LOW  
Final Vol: 5000 uL

Date Collected: 12/09/25  
Date Received: 12/10/25  
SDG No.: Q3834  
Matrix: SOIL  
% Solid: 60.8  
Test: VOC-TCLVOA-10

| CAS Number     | Parameter                      | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|----------------|--------------------------------|-------|------|----|------|------------|-------|----------------|----------|
| <b>TARGETS</b> |                                |       |      |    |      |            |       |                |          |
| 75-71-8        | Dichlorodifluoromethane        | 0.79  | U    | 1  | 0.79 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 74-87-3        | Chloromethane                  | 0.79  | U    | 1  | 0.79 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 75-01-4        | Vinyl Chloride                 | 0.54  | U    | 1  | 0.54 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 74-83-9        | Bromomethane                   | 0.74  | U    | 1  | 0.74 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 75-00-3        | Chloroethane                   | 0.87  | U    | 1  | 0.87 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 75-69-4        | Trichlorofluoromethane         | 0.83  | U    | 1  | 0.83 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.73  | U    | 1  | 0.73 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 75-35-4        | 1,1-Dichloroethene             | 0.69  | U    | 1  | 0.69 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 67-64-1        | Acetone                        | 9.60  | J    | 1  | 3.30 | 17.2       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 75-15-0        | Carbon Disulfide               | 1.60  | J    | 1  | 0.73 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U    | 1  | 0.50 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 79-20-9        | Methyl Acetate                 | 1.10  | U    | 1  | 1.10 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 75-09-2        | Methylene Chloride             | 2.40  | U    | 1  | 2.40 | 6.90       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.59  | U    | 1  | 0.59 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 75-34-3        | 1,1-Dichloroethane             | 0.55  | U    | 1  | 0.55 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 110-82-7       | Cyclohexane                    | 0.54  | U    | 1  | 0.54 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 78-93-3        | 2-Butanone                     | 4.50  | U    | 1  | 4.50 | 17.2       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 56-23-5        | Carbon Tetrachloride           | 0.67  | U    | 1  | 0.67 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.52  | U    | 1  | 0.52 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 74-97-5        | Bromochloromethane             | 0.79  | U    | 1  | 0.79 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 67-66-3        | Chloroform                     | 0.58  | U    | 1  | 0.58 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.64  | U    | 1  | 0.64 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 108-87-2       | Methylcyclohexane              | 0.63  | U    | 1  | 0.63 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 71-43-2        | Benzene                        | 0.70  | J    | 1  | 0.54 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 107-06-2       | 1,2-Dichloroethane             | 0.54  | U    | 1  | 0.54 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 79-01-6        | Trichloroethene                | 0.56  | U    | 1  | 0.56 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 78-87-5        | 1,2-Dichloropropane            | 0.63  | U    | 1  | 0.63 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 75-27-4        | Bromodichloromethane           | 0.54  | U    | 1  | 0.54 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U    | 1  | 2.50 | 17.2       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 108-88-3       | Toluene                        | 2.60  | J    | 1  | 0.54 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.45  | U    | 1  | 0.45 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.43  | U    | 1  | 0.43 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.63  | U    | 1  | 0.63 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 591-78-6       | 2-Hexanone                     | 2.50  | U    | 1  | 2.50 | 17.2       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 124-48-1       | Dibromochloromethane           | 0.60  | U    | 1  | 0.60 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 106-93-4       | 1,2-Dibromoethane              | 0.61  | U    | 1  | 0.61 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 127-18-4       | Tetrachloroethene              | 0.72  | U    | 1  | 0.72 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 108-90-7       | Chlorobenzene                  | 0.63  | U    | 1  | 0.63 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 100-41-4       | Ethyl Benzene                  | 0.46  | U    | 1  | 0.46 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 179601-23-1    | m/p-Xylenes                    | 0.85  | U    | 1  | 0.85 | 6.90       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 95-47-6        | o-Xylene                       | 0.57  | U    | 1  | 0.57 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 100-42-5       | Styrene                        | 0.49  | U    | 1  | 0.49 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 75-25-2        | Bromoform                      | 0.59  | U    | 1  | 0.59 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |

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| CAS Number | Parameter                   | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|------------|-----------------------------|-------|------|----|------|------------|-------|----------------|----------|
| 98-82-8    | Isopropylbenzene            | 26.7  |      | 1  | 0.54 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | 0.83  | U    | 1  | 0.83 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 541-73-1   | 1,3-Dichlorobenzene         | 1.20  | U    | 1  | 1.20 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 106-46-7   | 1,4-Dichlorobenzene         | 1.10  | U    | 1  | 1.10 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 95-50-1    | 1,2-Dichlorobenzene         | 1.00  | U    | 1  | 1.00 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 96-12-8    | 1,2-Dibromo-3-Chloropropane | 1.30  | U    | 1  | 1.30 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 2.00  | U    | 1  | 2.00 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |
| 87-61-6    | 1,2,3-Trichlorobenzene      | 2.20  | U    | 1  | 2.20 | 3.40       | ug/Kg | 12/11/25 16:28 | VY121125 |

### SURROGATES

|            |                       |      |   |  |                     |      |         |
|------------|-----------------------|------|---|--|---------------------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-d4 | 50.6 |   |  | 70 (63) - 130 (155) | 101% | SPK: 50 |
| 1868-53-7  | Dibromofluoromethane  | 49.4 |   |  | 70 (70) - 130 (134) | 99%  | SPK: 50 |
| 2037-26-5  | Toluene-d8            | 92.7 | * |  | 70 (74) - 130 (123) | 185% | SPK: 50 |
| 460-00-4   | 4-Bromofluorobenzene  | 280  | * |  | 70 (52) - 130 (138) | 555% | SPK: 50 |

### INTERNAL STANDARDS

|           |                        |        |
|-----------|------------------------|--------|
| 363-72-4  | Pentafluorobenzene     | 354000 |
| 540-36-3  | 1,4-Difluorobenzene    | 528000 |
| 3114-55-4 | Chlorobenzene-d5       | 483000 |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 546000 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                                    |      |   |  |      |       |
|-------------|------------------------------------|------|---|--|------|-------|
| 60-29-7     | Diethyl Ether                      | 5.70 | J |  | 3.46 | ug/Kg |
| 108-20-3    | Diisopropyl ether                  | 1.80 | J |  | 6.03 | ug/Kg |
| 002207-01-4 | Cyclohexane, 1,2-dimethyl-, cis-   | 1000 | J |  | 10.5 | ug/Kg |
| 001072-05-5 | Heptane, 2,6-dimethyl-             | 550  | J |  | 10.7 | ug/Kg |
| 002216-30-0 | Heptane, 2,5-dimethyl-             | 480  | J |  | 10.8 | ug/Kg |
| 003074-71-3 | Heptane, 2,3-dimethyl-             | 480  | J |  | 11.1 | ug/Kg |
| 007667-60-9 | Cyclohexane, 1,2,4-trimethyl-, (1. | 750  | J |  | 11.2 | ug/Kg |
| 019489-10-2 | cis-1-Ethyl-3-methyl-cyclohexane   | 740  | J |  | 11.7 | ug/Kg |
| 003868-64-2 | Pentalene, octahydro-2-methyl-     | 670  | J |  | 12.1 | ug/Kg |
| 103-65-1    | n-propylbenzene                    | 17.8 | J |  | 12.6 | ug/Kg |
| 135-98-8    | sec-Butylbenzene                   | 39.1 | J |  | 13.2 | ug/Kg |
| 104-51-8    | n-Butylbenzene                     | 11.8 | J |  | 13.6 | ug/Kg |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products