

## Report of Analysis

Client: HDR, Inc.  
Project: PVWC Linear Construction  
Client Sample ID: VW1118SBSD01  
Lab Sample ID: VW1118SBSD01  
Analytical Method: 8260D  
Sample Wt/Vol: 5 g

Level: LOW  
Final Vol: 5000 uL

Date Collected:  
Date Received:  
SDG No.: Q3662  
Matrix: SOIL  
% Solid: 100  
Test: VOC-TCLVOA-10

| CAS Number     | Parameter                      | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|----------------|--------------------------------|-------|------|----|------|------------|-------|----------------|----------|
| <b>TARGETS</b> |                                |       |      |    |      |            |       |                |          |
| 75-71-8        | Dichlorodifluoromethane        | 21.9  |      | 1  | 1.10 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 74-87-3        | Chloromethane                  | 22.0  |      | 1  | 1.10 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 75-01-4        | Vinyl Chloride                 | 22.5  |      | 1  | 0.79 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 74-83-9        | Bromomethane                   | 22.2  |      | 1  | 1.10 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 75-00-3        | Chloroethane                   | 21.7  |      | 1  | 1.30 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 75-69-4        | Trichlorofluoromethane         | 22.1  |      | 1  | 1.20 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 22.7  |      | 1  | 1.10 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 75-35-4        | 1,1-Dichloroethene             | 22.3  |      | 1  | 1.00 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 67-64-1        | Acetone                        | 100   |      | 1  | 4.70 | 25.0       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 75-15-0        | Carbon Disulfide               | 21.5  |      | 1  | 1.10 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 1634-04-4      | Methyl tert-butyl Ether        | 20.7  |      | 1  | 0.73 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 79-20-9        | Methyl Acetate                 | 20.0  |      | 1  | 1.50 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 75-09-2        | Methylene Chloride             | 23.6  |      | 1  | 3.50 | 10.0       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 156-60-5       | trans-1,2-Dichloroethene       | 22.1  |      | 1  | 0.86 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 75-34-3        | 1,1-Dichloroethane             | 22.6  |      | 1  | 0.80 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 110-82-7       | Cyclohexane                    | 22.0  |      | 1  | 0.79 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 78-93-3        | 2-Butanone                     | 100   |      | 1  | 6.50 | 25.0       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 56-23-5        | Carbon Tetrachloride           | 22.5  |      | 1  | 0.97 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 156-59-2       | cis-1,2-Dichloroethene         | 21.6  |      | 1  | 0.75 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 74-97-5        | Bromochloromethane             | 22.8  |      | 1  | 1.20 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 67-66-3        | Chloroform                     | 22.7  |      | 1  | 0.84 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 71-55-6        | 1,1,1-Trichloroethane          | 22.3  |      | 1  | 0.93 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 108-87-2       | Methylcyclohexane              | 20.8  |      | 1  | 0.91 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 71-43-2        | Benzene                        | 21.8  |      | 1  | 0.79 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 107-06-2       | 1,2-Dichloroethane             | 21.8  |      | 1  | 0.79 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 79-01-6        | Trichloroethene                | 21.3  |      | 1  | 0.81 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 78-87-5        | 1,2-Dichloropropane            | 21.8  |      | 1  | 0.91 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 75-27-4        | Bromodichloromethane           | 21.4  |      | 1  | 0.78 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 110   |      | 1  | 3.60 | 25.0       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 108-88-3       | Toluene                        | 21.9  |      | 1  | 0.78 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 10061-02-6     | t-1,3-Dichloropropene          | 20.4  |      | 1  | 0.65 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 20.8  |      | 1  | 0.62 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 79-00-5        | 1,1,2-Trichloroethane          | 21.2  |      | 1  | 0.92 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 591-78-6       | 2-Hexanone                     | 100   |      | 1  | 3.70 | 25.0       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 124-48-1       | Dibromochloromethane           | 20.7  |      | 1  | 0.87 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 106-93-4       | 1,2-Dibromoethane              | 20.9  |      | 1  | 0.88 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 127-18-4       | Tetrachloroethene              | 21.2  |      | 1  | 1.10 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 108-90-7       | Chlorobenzene                  | 21.5  |      | 1  | 0.91 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 100-41-4       | Ethyl Benzene                  | 21.9  |      | 1  | 0.67 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 179601-23-1    | m/p-Xylenes                    | 44.4  |      | 1  | 1.20 | 10.0       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 95-47-6        | o-Xylene                       | 21.2  |      | 1  | 0.82 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 100-42-5       | Styrene                        | 21.9  |      | 1  | 0.71 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |
| 75-25-2        | Bromoform                      | 19.3  |      | 1  | 0.86 | 5.00       | ug/Kg | 11/18/25 11:02 | VW111825 |

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Level: LOW  
Final Vol: 5000 uL

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Date Received:  
SDG No.: Q3662  
Matrix: SOIL  
% Solid: 100  
Test: VOC-TCLVOA-10

| CAS Number                | Parameter                   | Conc.             | Qua. | DF | MDL                 | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|---------------------------|-----------------------------|-------------------|------|----|---------------------|------------|---------|----------------|----------|
| 98-82-8                   | Isopropylbenzene            | 21.7              |      | 1  | 0.78                | 5.00       | ug/Kg   | 11/18/25 11:02 | VW111825 |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 22.3              |      | 1  | 1.20                | 5.00       | ug/Kg   | 11/18/25 11:02 | VW111825 |
| 541-73-1                  | 1,3-Dichlorobenzene         | 22.5              |      | 1  | 1.70                | 5.00       | ug/Kg   | 11/18/25 11:02 | VW111825 |
| 106-46-7                  | 1,4-Dichlorobenzene         | 21.6              |      | 1  | 1.60                | 5.00       | ug/Kg   | 11/18/25 11:02 | VW111825 |
| 95-50-1                   | 1,2-Dichlorobenzene         | 21.7              |      | 1  | 1.50                | 5.00       | ug/Kg   | 11/18/25 11:02 | VW111825 |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 19.8              |      | 1  | 1.80                | 5.00       | ug/Kg   | 11/18/25 11:02 | VW111825 |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 19.9              |      | 1  | 3.00                | 5.00       | ug/Kg   | 11/18/25 11:02 | VW111825 |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 20.5              |      | 1  | 3.20                | 5.00       | ug/Kg   | 11/18/25 11:02 | VW111825 |
| <b>SURROGATES</b>         |                             |                   |      |    |                     |            |         |                |          |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 52.2              |      |    | 70 (63) - 130 (155) | 104%       | SPK: 50 |                |          |
| 1868-53-7                 | Dibromofluoromethane        | 50.5              |      |    | 70 (70) - 130 (134) | 101%       | SPK: 50 |                |          |
| 2037-26-5                 | Toluene-d8                  | 51.2              |      |    | 70 (74) - 130 (123) | 102%       | SPK: 50 |                |          |
| 460-00-4                  | 4-Bromofluorobenzene        | 49.7              |      |    | 70 (52) - 130 (138) | 99%        | SPK: 50 |                |          |
| <b>INTERNAL STANDARDS</b> |                             |                   |      |    |                     |            |         |                |          |
|                           |                             | <b>Area Count</b> |      |    |                     |            |         |                |          |
| 363-72-4                  | Pentafluorobenzene          | 368000            |      |    |                     |            |         |                |          |
| 540-36-3                  | 1,4-Difluorobenzene         | 692000            |      |    |                     |            |         |                |          |
| 3114-55-4                 | Chlorobenzene-d5            | 614000            |      |    |                     |            |         |                |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 277000            |      |    |                     |            |         |                |          |

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