

## Report of Analysis

|                    |                                       |                 |              |
|--------------------|---------------------------------------|-----------------|--------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 08/19/24     |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/19/24     |
| Client Sample ID:  | S-912-J-SO-0-0.5-081924               | SDG No.:        | P3671        |
| Lab Sample ID:     | P3671-13                              | Matrix:         | SOIL         |
| Analytical Method: | SW8260                                | % Solid:        | 30.6         |
| Sample Wt/Vol:     | 4.61 Units: g                         | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOCMS Group5 |
| GC Column:         | RXI-624 ID : 0.25                     | Level :         | LOW          |
| Prep Method :      |                                       |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY019207.D        | 1         |           | 08/22/24 08:09 | VY082124      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 5.80  | U         | 5.80 | 17.7       | ug/Kg             |
| 74-87-3        | Chloromethane                  | 4.10  | U         | 4.10 | 17.7       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 2.70  | U         | 2.70 | 17.7       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 3.70  | U         | 3.70 | 17.7       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 3.80  | U         | 3.80 | 17.7       | ug/Kg             |
| 67-64-1        | Acetone                        | 22.1  | U         | 22.1 | 88.6       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 4.50  | U         | 4.50 | 17.7       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 2.40  | U         | 2.40 | 17.7       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 12.1  | U         | 12.1 | 35.4       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 3.00  | U         | 3.00 | 17.7       | ug/Kg             |
| 110-82-7       | Cyclohexane                    | 2.40  | U         | 2.40 | 17.7       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 20.1  | U         | 20.1 | 88.6       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 3.10  | U         | 3.10 | 17.7       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 2.20  | U         | 2.20 | 17.7       | ug/Kg             |
| 67-66-3        | Chloroform                     | 2.40  | U         | 2.40 | 17.7       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 2.80  | U         | 2.80 | 17.7       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 3.10  | U         | 3.10 | 17.7       | ug/Kg             |
| 71-43-2        | Benzene                        | 2.60  | U         | 2.60 | 17.7       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 2.20  | U         | 2.20 | 17.7       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 2.70  | U         | 2.70 | 17.7       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 2.00  | U         | 2.00 | 17.7       | ug/Kg             |
| 108-88-3       | Toluene                        | 2.40  | U         | 2.40 | 17.7       | ug/Kg             |
| 79-00-5        | 1,1,2-Trichloroethane          | 3.00  | U         | 3.00 | 17.7       | ug/Kg             |
| 124-48-1       | Dibromochloromethane           | 2.30  | U         | 2.30 | 17.7       | ug/Kg             |
| 127-18-4       | Tetrachloroethene              | 3.20  | U         | 3.20 | 17.7       | ug/Kg             |
| 108-90-7       | Chlorobenzene                  | 2.60  | U         | 2.60 | 17.7       | ug/Kg             |
| 100-41-4       | Ethyl Benzene                  | 2.20  | U         | 2.20 | 17.7       | ug/Kg             |
| 179601-23-1    | m/p-Xylenes                    | 4.80  | U         | 4.80 | 35.4       | ug/Kg             |
| 1330-20-7      | Total Xylenes                  | 7.30  | U         | 7.30 | 53.1       | ug/Kg             |
| 95-47-6        | o-Xylene                       | 2.50  | U         | 2.50 | 17.7       | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |                      |
|--------------------|---------------------------------------|-----------------|----------------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 08/19/24             |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/19/24             |
| Client Sample ID:  | S-912-J-SO-0-0.5-081924               | SDG No.:        | P3671                |
| Lab Sample ID:     | P3671-13                              | Matrix:         | SOIL                 |
| Analytical Method: | SW8260                                | % Solid:        | 30.6                 |
| Sample Wt/Vol:     | 4.61      Units:    g                 | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOCMS Group5         |
| GC Column:         | RXI-624              ID :    0.25     | Level :         | LOW                  |
| Prep Method :      |                                       |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY019207.D        | 1         |           | 08/22/24 08:09 | VY082124      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|---------------------|------------|-------------------|
| 98-82-8                   | Isopropylbenzene       | 2.40   | U         | 2.40                | 17.7       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene    | 2.80   | U         | 2.80                | 17.7       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene    | 2.10   | U         | 2.10                | 17.7       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |                     |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 51.2   |           | 70 (50) - 130 (163) | 102%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 51.6   |           | 70 (54) - 130 (147) | 103%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 48.1   |           | 70 (58) - 130 (134) | 96%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 28.3   | *         | 70 (29) - 130 (146) | 57%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 99500  | 7.701     |                     |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 164000 | 8.61      |                     |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 120000 | 11.42     |                     |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 27200  | 13.353    |                     |            |                   |

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