

## Report of Analysis

|                    |                                       |           |                 |              |
|--------------------|---------------------------------------|-----------|-----------------|--------------|
| Client:            | JACOBS Engineering Group, Inc.        |           | Date Collected: |              |
| Project:           | Former Schlumberger Site Princeton NJ |           | Date Received:  |              |
| Client Sample ID:  | VY0821SBSD02                          |           | SDG No.:        | P3671        |
| Lab Sample ID:     | VY0821SBSD02                          |           | Matrix:         | SOIL         |
| Analytical Method: | 8260D                                 |           | % Solid:        | 100          |
| Sample Wt/Vol:     | 5                                     | 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 |
| VY019194.D        | 1         |           | 08/22/24 02:58 | VY082124      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 20.2  |           | 1.70 | 5.00       | ug/Kg             |
| 74-87-3        | Chloromethane                  | 17.8  |           | 1.20 | 5.00       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 17.1  |           | 0.77 | 5.00       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 17.5  |           | 1.00 | 5.00       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 16.3  |           | 1.00 | 5.00       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 19.2  |           | 1.10 | 5.00       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 19.4  |           | 0.78 | 5.00       | ug/Kg             |
| 67-64-1        | Acetone                        | 100   |           | 6.20 | 25.0       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 18.6  |           | 1.30 | 5.00       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 21.0  |           | 0.67 | 5.00       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 19.0  |           | 3.40 | 10.0       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 19.7  |           | 0.84 | 5.00       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 20.1  |           | 0.63 | 5.00       | ug/Kg             |
| 110-82-7       | Cyclohexane                    | 18.4  |           | 0.69 | 5.00       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 100   |           | 5.70 | 25.0       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 20.4  |           | 0.87 | 5.00       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 20.5  |           | 0.61 | 5.00       | ug/Kg             |
| 67-66-3        | Chloroform                     | 20.7  |           | 0.67 | 5.00       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 20.9  |           | 0.78 | 5.00       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 17.8  |           | 0.87 | 5.00       | ug/Kg             |
| 71-43-2        | Benzene                        | 19.7  |           | 0.72 | 5.00       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 21.6  |           | 0.61 | 5.00       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 19.0  |           | 0.75 | 5.00       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 19.7  |           | 0.56 | 5.00       | ug/Kg             |
| 108-88-3       | Toluene                        | 19.5  |           | 0.67 | 5.00       | ug/Kg             |
| 79-00-5        | 1,1,2-Trichloroethane          | 20.2  |           | 0.84 | 5.00       | ug/Kg             |
| 124-48-1       | Dibromochloromethane           | 19.5  |           | 0.65 | 5.00       | ug/Kg             |
| 127-18-4       | Tetrachloroethene              | 20.3  |           | 0.89 | 5.00       | ug/Kg             |
| 108-90-7       | Chlorobenzene                  | 18.9  |           | 0.74 | 5.00       | ug/Kg             |
| 100-41-4       | Ethyl Benzene                  | 18.9  |           | 0.62 | 5.00       | ug/Kg             |

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| Prep Method :      |                                       |           |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY019194.D        | 1         |           | 08/22/24 02:58 | VY082124      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|---------------------|------------|-------------------|
| 179601-23-1               | m/p-Xylenes            | 36.8   |           | 1.40                | 10.0       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 55.4   |           | 2.10                | 15.0       | ug/Kg             |
| 95-47-6                   | o-Xylene               | 18.6   |           | 0.70                | 5.00       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 20.4   |           | 0.67                | 5.00       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene    | 19.2   |           | 0.80                | 5.00       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene    | 19.4   |           | 0.59                | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |                     |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 51.8   |           | 70 (50) - 130 (163) | 104%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 47.9   |           | 70 (54) - 130 (147) | 96%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 47.4   |           | 70 (58) - 130 (134) | 95%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 46.9   |           | 70 (29) - 130 (146) | 94%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 127000 | 7.701     |                     |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 211000 | 8.609     |                     |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 183000 | 11.42     |                     |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 84700  | 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