

## Report of Analysis

|                    |                           |          |                    |          |           |
|--------------------|---------------------------|----------|--------------------|----------|-----------|
| Client:            | Chemtech Consulting Group |          | Date Collected:    | 01/23/25 |           |
| Project:           | LOD-LOQ Study             |          | Date Received:     | 01/23/25 |           |
| Client Sample ID:  | LOD-MDL-SOIL-01-QT1-2025  |          | SDG No.:           | Q1168    |           |
| Lab Sample ID:     | Q1168-01                  |          | Matrix:            | SOIL     |           |
| Analytical Method: | SW8082A                   |          | % Solid:           | 100      | Decanted: |
| Sample Wt/Vol:     | 30                        | Units: g | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                           | uL       | Test:              | PCB      |           |
| Extraction Type:   |                           |          | Injection Volume : |          |           |
| GPC Factor :       | 1.0                       | PH :     |                    |          |           |
| Prep Method :      | SW3541B                   |          |                    |          |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO109164.D        | 1         | 01/23/25 14:06 | 01/28/25 17:33 | PB166204      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 17.0  | U         | 3.40     | 17.0       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 17.0  | U         | 6.40     | 17.0       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 9.60  | J         | 3.40     | 17.0       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 17.0  | U         | 3.40     | 17.0       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 17.0  | U         | 7.90     | 17.0       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 17.0  | U         | 2.70     | 17.0       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 17.0  | U         | 4.60     | 17.0       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 17.0  | U         | 3.40     | 17.0       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 17.0  | U         | 2.90     | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 19.2  |           | 32 - 144 | 96%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 19.9  |           | 32 - 175 | 100%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit