

Report of Analysis

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|--------------------|---------------------------|-----------|--------------------|----------|-----------|
| Client: | Chemtech Consulting Group | | Date Collected: | 10/09/24 | |
| Project: | LOD-LOQ Study | | Date Received: | 10/09/24 | |
| Client Sample ID: | LOD-MDL-WATER-01-QT4-2024 | | SDG No.: | P4368 | |
| Lab Sample ID: | P4368-07 | | Matrix: | WATER | |
| Analytical Method: | SW8082A | | % Solid: | 0 | Decanted: |
| Sample Wt/Vol: | 1000 | Units: mL | Final Vol: | 10000 | uL |
| Soil Aliquot Vol: | | uL | Test: | PCB | |
| Extraction Type: | | | Injection Volume : | | |
| GPC Factor : | 1.0 | PH : | | | |
| Prep Method : | 3510C | | | | |

| | | | | |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP067892.D | 1 | 10/11/24 09:14 | 10/16/24 10:01 | PB164074 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| TARGETS | | | | | | |
| 12674-11-2 | Aroclor-1016 | 0.24 | J | 0.15 | 0.50 | ug/L |
| 11104-28-2 | Aroclor-1221 | 0.50 | U | 0.23 | 0.50 | ug/L |
| 11141-16-5 | Aroclor-1232 | 0.50 | U | 0.37 | 0.50 | ug/L |
| 53469-21-9 | Aroclor-1242 | 0.50 | U | 0.16 | 0.50 | ug/L |
| 12672-29-6 | Aroclor-1248 | 0.50 | U | 0.12 | 0.50 | ug/L |
| 11097-69-1 | Aroclor-1254 | 0.50 | U | 0.11 | 0.50 | ug/L |
| 37324-23-5 | Aroclor-1262 | 0.50 | U | 0.14 | 0.50 | ug/L |
| 11100-14-4 | Aroclor-1268 | 0.50 | U | 0.12 | 0.50 | ug/L |
| 11096-82-5 | Aroclor-1260 | 0.24 | J | 0.15 | 0.50 | ug/L |
| SURROGATES | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 15.2 | | 10 - 157 | 76% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 16.6 | | 10 - 173 | 83% | 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