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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ATC Group Services LLC | Date Collected: | 02/25/25 |
| Project: | K084-SCA PCBs NYC - 2022SCA421 | Date Received: | 02/26/25 |
| Client Sample ID: | K084-7C | SDG No.: | Q1434 |
| Lab Sample ID: | Q1434-10 | Matrix: | SOIL |
| Analytical Method: | SW8082A | % Solid: | 69.7 Decanted: |
| Sample Wt/Vol: | 30.01 Units: g | Final Vol: | 10000 uL |
| Soil Aliquot Vol: | uL | Test: | PCB Group1 |
| Extraction Type: | | Injection Volume : | |
| GPC Factor : | 1.0 PH : | | |
| Prep Method : | SW3541B | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| PP070318.D | 1 | 03/06/25 11:40 | 03/06/25 18:00 | PB167022 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 12674-11-2 | Aroclor-1016 | 4.90 | U | 4.90 | 24.4 | ug/kg |
| 11104-28-2 | Aroclor-1221 | 9.20 | U | 9.20 | 24.4 | ug/kg |
| 11141-16-5 | Aroclor-1232 | 4.90 | U | 4.90 | 24.4 | ug/kg |
| 53469-21-9 | Aroclor-1242 | 4.90 | U | 4.90 | 24.4 | ug/kg |
| 12672-29-6 | Aroclor-1248 | 11.3 | U | 11.3 | 24.4 | ug/kg |
| 11097-69-1 | Aroclor-1254 | 818 | E | 3.90 | 24.4 | ug/kg |
| 37324-23-5 | Aroclor-1262 | 6.60 | U | 6.60 | 24.4 | ug/kg |
| 11100-14-4 | Aroclor-1268 | 84.0 | | 4.90 | 24.4 | ug/kg |
| 11096-82-5 | Aroclor-1260 | 4.20 | U | 4.20 | 24.4 | ug/kg |
| Total PCBs | Total PCBs | 902 | | 8.80 | 24.4 | ug/kg |
| **SURROGATES** | | | | | | |
| 877-09-8 | Tetrachloro-m-xylene | 29.7 | * | 32 - 144 | 148% | SPK: 20 |
| 2051-24-3 | Decachlorobiphenyl | 29.7 | | 32 - 175 | 148% | 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