



## **CASE NARRATIVE**

**ATC Group Services LLC**  
**Project Name: I.S. 303K**  
**Project # N/A**  
**Chemtech Project # P4606**  
**Test Name: PCB Group1**

### **A. Number of Samples and Date of Receipt:**

1 Solid sample was received on 10/29/2024.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: PCB Group1. This data package contains results for PCB Group1.

### **C. Analytical Techniques:**

The analyses were performed on instrument GCECD\_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analysis of PCB Group1s was based on method 8082A and extraction was done based on method 3541.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for 1 [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%], 1DL [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0% and Tetrachloro-m-xylene(2) - 0%] Surrogates were diluted out due to the high dilution. No further corrective action was taken.

The Retention Times were acceptable for all samples.

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

Sample 1 was initially analyzed undiluted but The sample was unquantifiable due to a very high concentration of Aroclor. Based on this initial analysis sample reanalyzed with 2000x dilution.

Sample 1 was diluted due to high concentration.

### **E. Additional Comments:**



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The temperature of the samples at the time of receipt was 20.5°C.

sample received as Caulk matrix, therefore less volume was taken at the time of extraction.

No MSMSD performed as sample was caulk matrix.

**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature \_\_\_\_\_