

## **CASE NARRATIVE**

### **ATC Group Services LLC**

**Project Name: SCA-K262**

**Project # N/A**

**Order ID # Q2914**

**Test Name: PCB Group1**

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

7 Solid samples were received on 08/20/2025.

### **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 were met for all analysis except for K262-9A [Decachlorobiphenyl(1)208%, Decachlorobiphenyl(2)214%], K262-9ARE [Decachlorobiphenyl(1)246%, Decachlorobiphenyl(2)240%], K262-11A [Decachlorobiphenyl(1)192%, Decachlorobiphenyl(2)201%], K262-11ARE [Decachlorobiphenyl(1)208%, Decachlorobiphenyl(2)209%], K262-12A [Decachlorobiphenyl(1)195%, Decachlorobiphenyl(2)204%], K262-12ARE [Decachlorobiphenyl(1)207%, Decachlorobiphenyl(2)211%].

These samples reanalyzed to confirm results, Original and reanalysis both are reported.

And For K262-10A [Decachlorobiphenyl(2)182%], K262-15A [Decachlorobiphenyl(2)180%], As per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

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The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.



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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

Sample K262-13A was diluted due to bad matrix.

**E. Additional Comments:**

The soil samples results are based on a dry weight basis.

**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\_\_\_\_\_