

CASE NARRATIVE

ATC Group Services LLC

Project Name: P.S. 9 Brooklyn - 2092SCA

Project # N/A

Chemtech Project # P5225

Test Name: PCB Group1

A. Number of Samples and Date of Receipt:

4 Solid samples were received on 12/10/2024.

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 2A-2B-2C-MB [Decachlorobiphenyl(2) - 181%], AS per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken while, 3A-3B-3C-ABDL [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%], Surrogates were diluted out due to the high dilution. No further corrective action was taken while, 4A-4B-4C-BASIC [Decachlorobiphenyl(1) - 346%, Decachlorobiphenyl(2) - 393%], 4A-4B-4C-BASICDL [Decachlorobiphenyl(1) - 370% and Decachlorobiphenyl(2) - 391%] Due to high concentration sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

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 .

Samples 3A-3B-3C-AB, 4A-4B-4C-BASIC were diluted due to high concentrations.



284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

E. Additional Comments:

The temperature of the samples at the time of receipt was 13.5°C.

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

No MSMSD performed as samples are 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.

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_____