



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

CASE NARRATIVE

Barton & Loguidice, PC

Project Name: US EPA Glen Falls, NY

Project # N/A

Chemtech Project # N4446

Test Name: VOCGC Group 1

A. Number of Samples and Date of Receipt:

11 Water samples were received on 08/30/2022.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Flash Point, Mercury, Metals ICP-TAL, METALS-TAL, PCB, SVOC-TCL BNA -20, VOC-TCLVOA-10 and VOCGC Group 1. This data package contains results for VOCGC Group 1.

C. Analytical Techniques:

The analyses were performed on instrument GCECD_R. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 μ m df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 μ m; Catalogue # 7HM-G017-11. The analysis of VOCGC Group 1s was based on method 8011 and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Retention Times were acceptable for all samples.

The MS {N4446-09MS} with File ID: PR056259.D recoveries met the requirements for all compounds except for DBCP[52%], EDB[52%] due to sample matrix interference.

The MSD {N4446-10MSD} with File ID: PR056260.D recoveries met the acceptable requirements except for DBCP[52%], EDB[52%] due to sample matrix interference.

The RPD met criteria.

The Blank Spike met requirements for all samples.

The Blank Spike Duplicate 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.

E. Additional Comments:

MW-05MS-MSD Recovery fails due to sample matrix interference. Associated LAB QC is within QC limit. Therefore lab cannot pin point any other reason than matrix interference.



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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_____