



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

CASE NARRATIVE

AECOM Technical Services, Inc.

Project Name: NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258

Project # N/A

Order ID # Q3095

Test Name: SVOC-SIMGroup1

A. Number of Samples and Date of Receipt:

32 Water samples were received on 09/12/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1. This data package contains results for SVOC-SIMGroup1.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_N using GC Column ZB-Semi Volatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-SIMGroup1 was based on method 8270-Modified and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis except for RE104D3-20250910,

The above failure Internal Standard not associated with the client parameters list, therefore no corrective action was taken.

The Retention Times were met for all analysis.

The MS {Q3095-06MS} with File ID: BN037743.D recoveries met the requirements for all compounds except for 1,4-Dioxane[30%], due to Matrix interference therefore no corrective action needed .

The MSD {Q3095-07MSD} with File ID: BN037744.D recoveries met the requirements for all compounds except for 1,4-Dioxane[27%], due to Matrix interference therefore no corrective action needed.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.



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Sample MW201D-20250908 was diluted due to high concentration.

E. Additional Comments:

The sample # MW203D2-20250909MS and MW203D2-20250909MSD is failing for cis-1,2-Dichloroethene and the original sample(MW203D2-20250909) is reported with M flag for this compounds.

The Sample MW202D-20250909, have the concentration of target compound below method detection limits; therefore it is not reported as Hit in Form1.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

The not QT review data is reported in the Miscellaneous.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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_____