



284 Sheffield Street, Mountainside, NJ 07092
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CASE NARRATIVE

AECOM Technical Services, Inc.

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

Project # N/A

Order ID # Q3127

Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:

19 Water samples were received on 09/17/2025.

B. Parameters

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

C. Analytical Techniques:

The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOCMS Group1 was based on method 8260D.

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.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

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 method met the requirements.

The Continuous Calibration File ID VX047746.D met the requirements except for Dichlorodifluoromethane is failing high and associate sample having hit of Dichlorodifluoromethane sample was reanalyzed to confirm the failure and reported.

The Continuous Calibration File ID VX047769.D met the requirements except for Methyl Acetate is failing high but no positive hit in associate sample therefore no corrective action taken.



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The Continuous Calibration File ID VX047795.D met the requirements except for Dichlorodifluoromethane is failing high and associate sample having hit of Dichlorodifluoromethane but below CRQL while Methyl Acetate is failing high but no positive hit in associate sample therefore no corrective action taken.

END CCAL was not analyzed in sequence VX092425 and VX092625 due to power error in laboratory during the night and there are no more vials for re-analysis therefore all samples reported from these sequences without END CCAL.
The Tuning criteria met requirements.

Samples RE131D1-20250915, RE131D2-20250915, DUP07-20250915, TT180D2-20250915, RE132D6-20250916, TT101D2-20250915, RE132D7-20250916 and TT101D1-20250915 were diluted due to high concentrations.

E. Additional Comments:

The not QT review data is reported in the Miscellaneous.
The Sample #TT158I1-20250915, have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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_____