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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 # Q3194

Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:

18 Water samples were received on 09/24/2025.

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 except for TB09-20250912 sample collected on September 12 and received in house by lab on September 24 lab has analyzed sample out of hold as sample received late.

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 for {Q3194-04MSD} with File ID: VX047978.D met criteria except for 1,2,3-Trichlorobenzene[23%], 1,2,4-Trichlorobenzene[22%] due to difference in results of MS-MSD.

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 File ID VX047925.D met the requirements except for Bromochloromethane, Dichlorodifluoromethane and Methyl Acetate failing high associated sample required dilution due to high concentration of compounds Therefore, sample was reanalyzed with dilution and reported.



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The Continuous Calibration File ID VX047953.D met the requirements except for Acetone failing marginally low and Bromomethane failing high but no positive hit in associated samples therefore no corrective action taken.

The Tuning criteria met requirements.

Sample TT189D1-20250922 was diluted due to high concentration.

E. Additional Comments:

Sample EB05-20250924 having positive hit of Acetone as a corrective action sample reanalyzed for confirmation but not matching for 2-Butanone but now no more vials for reanalysis therefore both run reported.

The not QT review data is reported in the Miscellaneous.

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_____