

CASE NARRATIVE

Tetra Tech NUS, Inc.

Project Name: CTO WE13

Project Manager : David barayack

Chemtech Project # L4996

Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:

27 Water samples were received on 12/09/2020.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1 and 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 8260-Low.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike for { VX1210WBS01 } with File ID: VX019813.D met requirements for all samples except for Bromomethane[173%].

The Blank Spike for { VX1211WBS02 } with File ID: VX019881.D met requirements for all samples except for Bromomethane[156%].

The Blank Spike for { VX1212WBS01 } with File ID: VX019928.D met requirements for all samples except for Bromomethane[170%].

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

The % RSD is greater than 15% in the Initial Calibration method (82X120420W.M) for Methylene Chloride this compound is passing on Linear Regression.

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

Samples RE105D2-20201208, RE108D2-20201208 and RE132D7-20201207 were diluted as per past history of samples.



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Samples RE132D4-20201207, RE132D6-20201207, RE134D3-20201208 and RE134D4-20201208 were diluted due to high concentrations.

E. Additional Comments:

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

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 <15% 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 > 15% 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_____