CHEMTECH
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CASE NARRATIVE

Chazen Companies
Project Name: Ebenzer Plaza-1 - 20918.10
Project # N/A
Chemtech Project # M1785
Test Name: VOCMS Group2

A. Number of Samples and Date of Receipt:
9 Water samples were received on 03/23/2021.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOCMS Group2. This data package contains results for VOCMS Group2.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOCMS Group2 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 {M1785-11MS} with File ID: VX021589.D recoveries met the requirements for all compounds except for 1,2,4-Trimethylbenzene [58%] and N-propylbenzene[76%] .
The MSD {M1785-12MSD} with File ID: VX021590.D recoveries met the acceptable requirements except for 1,2,4-Trimethylbenzene[58%] and N-propylbenzene[74%].
The RPD met criteria. due to high concentration of original sample MS/MSD recovery outside the QC limit.

The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.

The % RSD is greater than 15% in the Initial Calibration method (82X032421W.M) for Chloromethane and 1,2-Dibromo-3-Chloropropane are passing on Linear regression.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

Samples MW-1, MW-2, MW-3R, MW-4, MW-5R and FD-032321 the samples are analyzed at straight dilution due to high contamination of analyte 124-trimethyl benzene.
Sample MW-3R was diluted due to high concentration.

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E. Additional Comments:

This data Package has been revised due to TICS corrected for sample # 14.

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_____