

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012; NEW YORK LAB ID#: 11376

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1608

MATRIX: Water

METHOD: 8260D

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications BFB Meet Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements. The Initial Calibration met the requirements. The Continuous Calibration File ID VX045375.D met the requirements except for cis- 1,3-Dichloropropene, Methyl Acetate and t-1,3-Dichloropropene are failing high but no positive hit in associate sample therefore no corrective action taken. The Continuous Calibration File ID VX045403.D met the requirements except for Methyl Acetate and t-1,3-Dichloropropene are failing high but no positive hit in associate sample therefore no corrective action taken. The Continuous Calibration File ID VX045431.D met the requirements except for 1,1,2-Trichlorotrifluoroethane is failing marginally high and 2-Hexanone, cis-1,3- Dichloropropene, Methylcyclohexane and t- 1,3-Dichloropropene are failing high but no positive hit in associate sample therefore no corrective action taken while Dichlorodifluoromethane failing high and associate sample #14RE have positive hit but it is reanalysis due to carryover in first run therefore both run are reported.		✓	
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:			✓
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries met the acceptable criteria except for RE139D2-20250317 [1,2-Dichloroethane-d4 - 119%] Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported. and RE132D1-20250318MS [4-Bromofluorobenzene - 115%] parent sample is passing for surrogate, Therefore no corrective action taken.			✓

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GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

	NA	NO	YES
8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
The Blank Spike for {VX0325WBS02} with File ID: VX045436.D met requirements for all samples except for Methyl Acetate[147%] are failing high but no positive hit in associate sample therefore no corrective action taken.			
The RPD for {Q1608-13MSD} with File ID: VX045454.D met criteria except for Trichloroethene[22%] due to difference in results of MS and MSD.			
9. Internal Standard Area/Retention Time Shift Meet Criteria			✓
Comments:			
10. Analysis Holding Time Met			✓
If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

Samples RE139D1-20250317, RE139D2-20250317, DUP08-20250318, RE132D4-20250318, RE132D5-20250318, RE132D6-20250318, RE132D7-20250318 and TT101D2-20250319 were diluted due to high concentrations.

The Sample #RW11-MW01S-20250317 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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.

QA REVIEW

Date