

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: P5261

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 %RSD is greater than 20% in the Initial Calibration method (82X121124W.M) for t-1,3-Dichloropropene, Dibromochloromethane, Bromoform These compounds are passing on Quadratic Regression. The Continuous Calibration File ID VX044438.D met the requirements except for Methylcyclohexane failing high but no positive hit in associated samples therefore no corrective action taken.			✓
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.			✓
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 MS {P5261-13MS} with File ID: VX044461.D recoveries met the requirements for all compounds except for Trichloroethene[20%] due to matrix interference. The MSD {P5261-14MSD} with File ID: VX044462.D recoveries met the acceptable requirements except for Trichloroethene[60%]due to matrix interference. The sample # RE125D1-20241210MS and RE125D1-20241210MSD is failing for Trichloroethene and the original sample(RE125D1-20241210) is reported with M flag for this compound. The RPD for {P5261-14MSD} with File ID: VX044462.D met criteria except for Trichloroethene[100%] due to difference in results of MS-MSD.		✓	

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

		NA	NO	YES
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:

Sample RE122D2-20241209 was analyzed with straight 100X dilution due to samples past history of high concentration of Trichloroethene.

Samples RE122D1-20241209, RE103D1-20241209, RE103D2-20241209, RE134D3-20241210, RE134D4-20241210, RE125D1-20241210, RE125D2-20241210, RE125D3-20241210, RE120D2-20241210 and RE120D3-20241210 were diluted due to high concentrations.

The Sample #RE122D1-20241209, RE122D1-20241209, RE122D2-20241209, RE122D3-20241209, RE103D2-20241209, RE103D2-20241209DL, RE103D3-20241209, RE134D1-20241209, RE134D4-20241210, GM3-RW3-MW1-20241210, RE125D1-20241210, RE125D1-20241210DL, RE125D2-20241210, RE125D2-20241210DL, RE120D1-20241210, RE120D3-20241210, DUP-02-20241210, TB 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