

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

ORDER ID: Q2816

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 (82N071625W.M) for Methylene chloride passing on Linear regression. The Continuous Calibration File ID VN087502.D met the requirements except for Dichlorodifluoromethane, Isopropylbenzene and Methyl tert-butyl Ether are failing high but no positive hit in associate sample therefore no corrective action taken. The Continuous Calibration File ID VN087525.D met the requirements except for Dichlorodifluoromethane is failing high but no positive hit in associate sample 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. The Surrogate recoveries were met for all analysis except for 1055-MW-01(23)DL [1,2-Dichloroethane-d4 - 129%] due to high concentration of compound, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.		✓	

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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 {VN0813WBS01} with File ID: VN087528.D met requirements for all compounds except for Bromochloromethane[133%], Dichlorodifluoromethane[117%] and Methyl tert-butyl Ether[115%] are failing high but no positive hit in associate sample therefore no corrective action taken.			
The RPD for {Q2816-04MSD} with File ID: VN087522.D met criteria except for Bromomethane[23%] 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 1055-MW-01(23), 1057-MW-03A(17) were diluted due to high concentrations.

The Sample #1055-MW-01(23), 1056-MW-02(23.8), 1058-MW-11(15) and 1059-MW-17A(15.5) have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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