

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1608

MATRIX: Water

METHOD: 8270-Modified/3510

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2. GC/MS Tuning Specifications. DFTPP 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 within 30 days 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 BN036757.D met the requirements except for Terphenyl-d14, The above failure compound not associated with the client parameters list, therefore no corrective action was 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 met the acceptable criteria except for TT205S1-20250317 [2- Fluorobiphenyl - 111%],The above failure surrogates not associated with the client parameters list, therefore no corrective action was taken.		✓	
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 met requirements for all samples . The Blank Spike Duplicate met requirements for all samples .The RPD for {Q1608- 13MSD} with File ID: BN036767.D met criteria except for 1,4-Dioxane[22%], due to difference in results of MS and MSD .			✓

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(CONTINUED)

		NA	NO	YES
9.	Internal Standard Area/Retention Time Shift Meet Criteria Comments: The Internal Standards Areas met the acceptable requirements except for RW8-MW01D2-20250319, The above failure Internal Standard not associated with the client parameters list, therefore no corrective action was taken.		✓	
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:			✓
11.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:			✓

ADDITIONAL COMMENTS:

Samples DUP08-20250318, RE132D2-20250318, RE132D3-20250318, RE132D5-20250318, RE132D6-20250318 and TT189D2-20250319 were diluted due to high concentrations.

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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.

QA REVIEW

Date