

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

ORDER ID: Q2299

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 met the requirements .

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 RW10A-MW01S-20250609 [Terphenyl-d14 - 136%], TT158I1-20250610 [Terphenyl-d14 - 142%], DUP01-20250610 [Terphenyl-d14 - 182%], RE131D2-20250610DL [Terphenyl-d14 - 151%], DUP02-20250610 [Terphenyl-d14 - 212%], DUP02-20250610DL [Nitrobenzene-d5 - 49% and Terphenyl-d14 - 288%], These failure surrogates are not associated with the client list, as per criteria affected surrogates were passing, therefore no corrective action was taken.

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(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 MS {Q2299-03MS} with File ID: BN037246.D recoveries met the requirements for all compounds except for 1,4-Dioxane[-50%], due to matrix interference.			
	The MSD {Q2299-04MSD} with File ID: BN037247.D recoveries met the acceptable requirements except for 1,4-Dioxane[0%], due to matrix interference.			
	The Blank Spike met requirements for all samples .			
	The RPD for {Q2299-04MSD} with File ID: BN037247.D met criteria except for 1,4-Dioxane[200%], due to difference in results of MS and MSD.			
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments:			
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:

The sample # TT191D1-20250609MS and TT191D1-20250609MSD is failing for 1,4-Dioxane and the original sample(TT191D1-20250609) is reported with M flag for this compounds.

Samples RE131D2-20250610, DUP02-20250610 and RE134D3-20250610 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 <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

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(CONTINUED)

NA NO YES