

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: Q3156

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 were met for all analysis except for,
TT149I1-20250918 [Terphenyl-d14 - 137%],
RE132D1-20250918 [Terphenyl-d14 - 135%],
EB03-20250918 [Terphenyl-d14 - 152%],
RW9-MW01S-20250918 [Terphenyl-d14 - 136%],
TT191D1-20250918 [2-Fluorobiphenyl - 107%, Terphenyl-d14 - 138%],
RW9-MW01D3-20250918 [2-Fluorobiphenyl - 115%, Nitrobenzene-d5 - 114% and
Terphenyl-d14 - 144%]. Failed surrogates are not associated with DOD, Therefore no
further 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 Blank Spike met requirements for all compounds. The Blank Spike Duplicate met requirements for all compounds.			
9. Internal Standard Area/Retention Time Shift Meet Criteria		✓	
Comments: The Internal Standards Areas were met for all analysis except for PB169794BSD, Failed internal standard is not associated with DOD, therefor no further 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 RE132D2-20250918, RE132D4-20250918 and TT189D2-20250918 were diluted due to high concentrations.

The Sample RE10-MW01S-20250918 has the concentration of target compound below Method detection limit, therefore it is not reported as Hit in Form1.

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

QA REVIEW

Date