

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

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

CHEMTECH PROJECT NUMBER: BM022825

SequenceID : BM022825

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)	_____	_____	_____✓_____
2. GC/MS Tuning Specifications. DFTPP Meet Criteria 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 Met:	_____	_____	_____✓_____
a. Initial calibration Meet Criteria	_____	_____	_____✓_____
If not met, list those compounds and their recoveries which fall outside the acceptable range.	_____	_____	_____✓_____
Compounds #26,32,41,54,65,77,82,87,91,92 are biased high in the CCC. If any samples are found with Hit of this compound they will be analyzed again with proper passing CCC.			
b. Continuous Calibration(CCC) Meet Criteria	_____	_____✓_____	_____
If not met, list those compounds and their recoveries which fall outside the acceptable range.	_____	_____✓_____	_____
6. Blank Contamination - If yes, list compounds and concentrations in each blank:	_____	_____✓_____	_____
a. B/N Fraction			
d. Acid Fraction			

7. Surrogate Recoveries Meet Criteria

If not met, list those compounds and their recoveries which fall outside the acceptable ranges.

____ ✓ ____

a. B/N Fraction

d. Acid Fraction Typically two phenolic surrogates failed in the sample Q1456-02 due to matrix interference which can be observed by the abnormal chromatogram. Therefore this analysis will be final.

8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria

If not met, list those compounds and their recoveries which fall outside the acceptable range.

____ ✓ ____

a. B/N Fraction Recovery failed for some compounds in Q1458-01MS/MSD due to matrix interference. Hence, no corrective action is required.

d. Acid Fraction

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:

One surrogate Terphenyl-d14 is slightly biased high in PB166930BL. One surrogate Terphenyl-d14 is slightly biased high and also recovery of few compounds were biased high in PB166930BS. The data will be used for hardcopies. The sample Q1457-01 had to be analyzed with 5X dilution due to dirty and viscous matrix. Hence, this analysis is final.

Rahul

Analyst

02/28/2025

Date

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