

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

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

CHEMTECH PROJECT NUMBER: BP052125

SequenceID : BP052125

	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.	_____	_____	_____
b. Continuous Calibration(CCC) Meet Criteria	_____	_____✓_____	_____
If not met, list those compounds and their recoveries which fall outside the acceptable range.	_____	_____	_____
Azobenzene is marginally biased low in the CCC. And 2,4-Dinitrophenol is biased high in the CCC, if any samples are found with hit of this compound they will be re-analyzed with a properly passing CCC.	_____	_____	_____
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

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 and RPD failed for some compound in Q2052-04MS/MSD due to matrix interference. No corrective action is needed.

d. Acid Fraction

9. Internal Standard Area/Retention Time Shift Meet Criteria

Comments:

____ ✓ ____

Internal standard failed in the samples Q2071-20 and Q2075-07.

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 matrix of the sample Q2087-01 being viscous and difficult to inject otherwise, was analyzed with 5X dilution. Hence this analysis will be final.

Rahul

Analyst

05/21/2025

Date

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

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

CHEMTECH PROJECT NUMBER: BP052125

SequenceID : BP052125 NA NO YES