

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

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

CHEMTECH PROJECT NUMBER: bf051425

SequenceID :	<u>bf051425</u>	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.		_____	_____	_____
Certain compounds are biased high in the CCC, if any samples are found with hit of these compounds 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 failed for some compound in Q1982-03MS/MSD and Q2001-03MS/MSD due to matrix interference. No corrective action is required.

d. Acid Fraction

9. Internal Standard Area/Retention Time Shift Meet Criteria

Comments:

_____ ✓ _____

Only one internal standard failed in the sample Q2014-03, due to the presence of non-targeted hydrocarbons, which can be observed by the abnormal chromatogram. Hence this analysis will be final.

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:

Recovery of only 2 compounds are slightly out of QC limits in PB167929BS. The data will be used for hardcopies. Only last two internal standards failed in the sample Q2005-01 due to oily and foaming matrix, which can be observed by the abnormal chromatogram. Hence this analysis of the sample will be final.

Rahul

Analyst

05/14/2025

Date

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