

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

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

CHEMTECH PROJECT NUMBER: bm040325

SequenceID : bm040325

	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.  Compound #77 is biased high in the CCC but not present in parameter list of the associated samples.	_____	_____✓_____	_____
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 is biased high for some compounds in Q1693-05MS/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:

Recovery failed for some compound in PB167428BS which Hit are not present in any associated samples. Two surrogates, 2,4,6-Tribromophenol and Terphenyl-d14, are biased high in PB167428BL and PB167406BL. This data will be used for hardcopies.

The sample Q1706-01 had to be analyzed with 2X dilution due to dirty and viscous matrix. The samples Q1706-03, Q1698-01, Q1684-01 and Q1695-01 had to be analyzed with 5X dilution each due to dirty, concentrated and viscous matrix. Hence this analysis will be final.

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krunal

Analyst

\_\_\_\_\_  
04/04/2025

Date

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