

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

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

CHEMTECH PROJECT NUMBER: BF112525

SequenceID : BF112525

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)	<u>✓</u>	<u> </u>	<u> </u>
2. GC/MS Tuning Specifications. DFTPP Meet Criteria Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)	<u>✓</u>	<u> </u>	<u> </u>
3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 series	<u>✓</u>	<u> </u>	<u> </u>
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	<u>✓</u>	<u> </u>	<u> </u>
5. GC/MS Calibration Met:	<u>✓</u>	<u> </u>	<u> </u>
a. Initial calibration Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.	<u>✓</u>	<u> </u>	<u> </u>
b. Continuous Calibration(CCC) Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. Benzidine was biased low in the CCC (BF144344.D) & not required. Benzidine was biased high in the CCC (BF144348.D) & not present in the samples and, Terphenyl-d14 surrogate was marginally low.	<u>✓</u>	<u> </u>	<u> </u>
6. Blank Contamination - If yes, list compounds and concentrations in each blank:	<u>✓</u>	<u> </u>	<u> </u>
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 Recoveries of the same 2 Acid Surrogates Failed in the sample Q3700-04 and its associated MS / MSD , proving matrix interference.

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 Recoveries of a few compounds failed in Q3700-05MS / -06 MSD due to matrix interference and no corrective action is needed.

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:

Jagrut
Analyst

11/26/2025
Date

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