

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

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

CHEMTECH PROJECT NUMBER: bf121324

SequenceID :	<u>bf121324</u>	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)		_____	_____	<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>
3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 series		_____	_____	<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>
5. GC/MS Calibration Met:		_____	_____	<u>✓</u>
a. Initial calibration Meet Criteria		_____	_____	<u>✓</u>
If not met, list those compounds and their recoveries which fall outside the acceptable range.		_____	_____	_____
b. Continuous Calibration(CCC) Meet Criteria		_____	<u>✓</u>	_____
If not met, list those compounds and their recoveries which fall outside the acceptable range.		_____	_____	_____
Compounds #32,41,54,56,65,77 are biased high. If any samples are found with Hit of this compound they will be analyzed again with proper passing CCC.		_____	_____	_____
6. Blank Contamination - If yes, list compounds and concentrations in each blank:		_____	<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

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 compounds in P5239-04MS/MSD due to matrix interference. Hence, no corrective action is required.

d. Acid Fraction

9. Internal Standard Area/Retention Time Shift Meet Criteria

Comments:

\_\_\_\_\_ ✓ \_\_\_\_\_

Internal standard failed in P5220-03. Internal standard failed in the samples P5239-04 and its respective MS/MSD due to matrix interference. Hence, no corrective action is required. Internal standard failed in the samples P5270-07,08 but will be reanalyzed with the proper dilution.

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 compounds in PB165543BS and PB165590BS. This data will be used for hardcopies.

\_\_\_\_\_

Analyst

\_\_\_\_\_

Date

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