

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

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

CHEMTECH PROJECT NUMBER: bf102224

SequenceID : <u>bf102224</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.	_____	_____	_____
A very few compounds are biased high in the SSTDCCC(BF139917.D) and SSTDCCC(BF139927.D), 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:	_____	<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 compound in P4419-04MS/MSD, P4403-01MS/MSD and P4431-01MS/MSD due to matrix interference. No corrective action is required.

d. Acid Fraction

9. Internal Standard Area/Retention Time Shift Meet Criteria

Comments:

\_\_\_\_\_ ✓ \_\_\_\_\_

Internal standard failed in the sample P4456-01, due to the presence of non-targeted hydrocarbons which can be witnessed by the abnormal chromatogram. Hence no corrective action is required.

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 some compounds were biased high in PB164152BS, PB164071BS, PB164176BS but their hit is not present in any associated samples. Recovery of some compounds were biased high in PB164246BS but they are not present in parameter list of the associated samples. One surrogate Terphenyl-d14 is marginally biased high in PB164071BS. The data will be used for hardcopies.

The sample P4443-06 had to be analyzed with 2X dilution due to dirty and viscous and concentrated matrix, however it will be analyzed again with its required dilution factor.

\_\_\_\_\_

Analyst

\_\_\_\_\_

Date

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