

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

CHEMTECH PROJECT NUMBER: bp013123

SequenceID :	<u>bp013123</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 If not met, list those compounds and their recoveries which fall outside the acceptable range.		_____	<u>✓</u>	_____
The % RSD is greater than 15% in the Method 8270-BP013123.M for 2-Nitrophenol, Benzoic acid 2-Nitroaniline, 2,6-Dinitrotoluene ,3-Nitroaniline, 2,4-Dinitrophenol , 2,4-Dinitrotoluene,4-Nitroaniline , 4,6-Dinitro-2-methylphenol, they are				
b. Continuous Calibration(CCC) Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.		_____	_____	<u>✓</u>
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

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:

Compound #32,41,54,56,65 removed from 5ppm and Compound #9 removed from 80ppm.

In PB150507BS, the recovery of compounds #15 are biased high, which are not required by any of the associated samples.

hitesh

Analyst

02/01/2023

Date



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

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