

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

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

CHEMTECH PROJECT NUMBER: bf081524

SequenceID :	<u>bf081524</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>
b. Continuous Calibration(CCC) Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.  Benzidine is biased low in the CCC but not present in the parameters list of the samples. SSTDCCC(BF139012.D) fail low for compound #41 which is not present in parameter list of the associated samples.		_____	<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 One surrogate (Terphenyl-d14) is biased high in the PB162682TB. the data will be used for hardcopies.

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 of some compounds are biased in P3574-01MS/MSD. And also one surrogate is marginally biased high in P3574-01MSD. No corrective action is required.

d. Acid Fraction Recovery failed for some compound in P3573-05MS/MSD due to matrix interference. No corrective action is required. Benzaldehyde

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:

Tailing of pentachlorophenol is slightly biased high (0.24), this Tune was used to load sequence with the consent of the lab manager. Recovery of some compound fail in PB162727BS which are not present in parameter list of the associated samples.

\_\_\_\_\_  
Rahul

Analyst

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08/15/2024

Date

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