

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

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

CHEMTECH PROJECT NUMBER: bf103124

SequenceID :	<u>bf103124</u>	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)		_____	_____	_____✓_____
2. GC/MS Tuning Specifications. DFTPP Meet Criteria Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)		_____	_____	_____✓_____
3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 series		_____	_____	_____✓_____
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		_____	_____	_____✓_____
5. GC/MS Calibration Met:		_____	_____	_____✓_____
a. Initial calibration Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.		_____	_____	_____✓_____
b. Continuous Calibration(CCC) Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.  Certain compounds are biased high in SSTDCCC, 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:		_____	_____✓_____	_____
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 Surrogates failed in the sample P4578-01, due to the limited volume of this water sample it will be re-analyzed to confirm the matrix interference and will not be re-extracted.
- 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 P4611-03MS/MSD due to matrix interference. No corrective action is required.
- 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:

Recovery failed for some compound in PB164540BS which are not present in parameter list of the associated samples. The data will be used for hardcopies. The sample P4639-01 had to be analyzed with 5X dilution due to dirty and viscous matrix, which was difficult to inject otherwise. Hence no corrective action is required.

\_\_\_\_\_

Analyst

\_\_\_\_\_

Date

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