

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

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

CHEMTECH PROJECT NUMBER: BG040325

SequenceID : BG040325

	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.  Compounds #26,41,54,65 and #77 are biased high in SSTDCCC(BG064164.D). Compounds #26,41,54, and 65 are biased high and compound #2 is biased low in SSTDCCC(BG064180.D). If any samples are found with Hit of this compound they will be	_____	<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 Only the Phenolic surrogates failed in the sample Q1690-01 proving matrix interference. Due to the limited volume availability of this water sample it can not be re-extracted and re-analyzing the sample will result in the sample surrogate failure hence this analysis will

8. 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:

Recovery failed high for some compound in PB167393BS, PB167376BS/BSD, PB167380BS, PB167417BS, PB167451BS/BSD and PB167445BS which hit are not present in any associated samples. And two surrogates, Nitrobenzene-d5 and 2,4,6-Tribromophenol, are biased high in PB167380BL and PB167380BS. This data will be used for hardcopies.



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