CHEMTECH

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

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

CHEMTECH PROJECT NUMBER: BF031524

SequenceID : BF031524

	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.		✓	
Compounds #80, 84 are marginally biased high and compounds #32,77 are biased low in SSTDCCC(BF137610.D) but not present in the parameter list of the samples analyzed.			
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 — Typically only two phenolic surrogates failed in the sample P1747-03, and due to limited volume of this water sample it will be re-analyze and not 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

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:

Tailing for PCP and Benzidine in the Tune DFTPP (BF137609.D) were marginally biased high and hence the Tune was used for loading the sequence further, with the consent of the lab manager. Compounds #2,6 in PB159613BS/BSD are biased low and are not part of associated Sample parameter list. The data will be used for hardcopies.

The samples P1771-05 and P1771-07 had to be analyzed with their respective dilutions due to viscous and oily sample matrix respectively.

Jagrut — Analyst

03/15/2024 — Date

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