

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

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

CHEMTECH PROJECT NUMBER: bn102424

SequenceID :	<u>bn102424</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. Some compound in the SSTDCCC(BN034701.D) are biased low but they are not present in parameter list of the associated samples.		_____	_____	_____✓_____
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 P4438-03 and P4440-01, due to the limited availability of these water samples they 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

d. Acid Fraction

9. Internal Standard Area/Retention Time Shift Meet Criteria

Comments:

_____ ✓ _____

Internal Standard Failed in PB164229BL,PB164229BS/BSD,PB164230BS which are not associated for required compound.

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 of 1,4-Dioxane is marginally biased low in PB164229BS. The data will be used for hardcopies. Recovery failed for some compound in PB164229BS/BSD and PB164230BS which are not present in parameter list of the associated samples.

The sample P4432-01 had to be analyzed with 20X dilution due to oily nature of the sample which can also be observed from the abnormal chromatogram. Hence no corrective action is required.

Rahul

Analyst

10/24/2024

Date

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