

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

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

CHEMTECH PROJECT NUMBER: bf081424

SequenceID : bf081424

	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.  Compound #32 is biased high in the CCC but 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
- 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 P3466-02MS, P3466-03MSD, P3475-03MS, P3475-04MSD due to matrix interference. No corrective action is required.
- d. Acid Fraction
9. Internal Standard Area/Retention Time Shift Meet Criteria \_\_\_\_\_ ✓ \_\_\_\_\_  
 Comments:
- Internal standard fail in P3548-06, P3548-12, P3475-01, P3526-01. One I.S (Acenaphthene-d10) failed in the sample P3549-01 due to dirty and viscous matrix hence this result will be final.
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 some compound fail high side in PB162577BS which Hit are not present in any associated samples. Surrogates failed in the sample P3543-01 due to the presence of nontargeted hydrocarbons which can be witnessed by the chromatogram. Hence this analysis will be final. I.S failed in the sample P3475-02 and its associated MS/MSD (P3475-03MS, P3475-04MSD) due to matrix interference. Hence no corrective action is required.



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