

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3419

MATRIX: Solid

METHOD: 8260D

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications BFB Meet 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 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 Requirements. The Initial Calibration met the requirements. The Continuous Calibration met the requirements.			✓
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria		✓	

If not met, list those compounds and their recoveries which fall outside the acceptable ranges.

The Surrogate recoveries were met for all analysis except for PR-132-S16-015094-20251021MSD [Toluene-d8 - 69%] due to matrix interference.

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

	NA	NO	YES
8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
The MS {Q3419-02MS} with File ID: VY023580.D recoveries met the requirements for all compounds except for 1,1,2,2-Tetrachloroethane[290%], 1,1,2-Trichloroethane[150%], 1,2-Dibromo-3-Chloropropane[240%], 4-Methyl-2-Pentanone[175%], Acetone[179%], Bromoform[150%], cis-1,3-Dichloropropene[53%] and Methyl Acetate[360%] due to matrix interference.			
The MSD {Q3419-03MSD} with File ID: VY023581.D recoveries met the requirements for all compounds except for 1,1,2,2-Tetrachloroethane[354%], 1,1,2-Trichloroethane[177%], 1,2-Dibromo-3-Chloropropane[316%], 1,2-Dibromoethane[152%], 2-Butanone[249%], 2-Hexanone[238%], 4-Methyl-2-Pentanone[251%], Acetone[298%], Bromoform[190%], Carbon disulfide[142%], cis-1,3-Dichloropropene[30%], Methyl Acetate[544%], Methyl tert-butyl Ether[190%] and t-1,3-Dichloropropene[43%] due to matrix interference.			
The RPD for {Q3419-03MSD} with File ID: VY023581.D met criteria except for 1,2,3-Trichlorobenzene[29%], 1,2,4-Trichlorobenzene[22%], 1,2-Dibromo-3-Chloropropane[27%], 2-Butanone[37%], 2-Hexanone[38%], 4-Methyl-2-Pentanone[36%], Acetone[49%], Bromochloromethane[33%], Bromoform[23%], Bromomethane[29%], Carbon disulfide[45%], cis-1,3-Dichloropropene[54%], Methyl Acetate[50%], Methyl tert-butyl Ether[23%] and t-1,3-Dichloropropene[39%] due to difference in results of MS and MSD..			
9. Internal Standard Area/Retention Time Shift Meet Criteria		✓	
Comments: The Internal Standards Areas were met for all analysis except for PR-132-S16-015094-20251021MS, PR-132-S16-015094-20251021MSD samples were re-analyzed but still we have internal standard recovery failure due to matrix interference, lab will report first analysis with failure.			
10. Analysis Holding Time Met			✓
If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

The Sample #PR-132-S16-015094-20251021, PR132-S16-119133-20251021 and PR132-S16-094119-20251021 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

Trip Blank was not provided with this set of samples.

The soil samples results are based on a dry weight basis.

QA REVIEW

Date