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

CHEMTECH PROJECT NUMBER: P5306 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 %RSD is greater than 20% in the Initial Calibration method (82Y121724S.M) for Acetone, Chloroform this compound is passing on Linear Regression. The Continuous Calibration File ID VY020645.D met the requirements except for trans-1,4-Dichloro-2-butene failing high but no positive hit in associated samples therefore no corrective action taken. The Continuous Calibration File ID VY020662.D met the requirements except for almost all compounds failing low associated sample 09 and 13 reanalyzed under passing CCAL and both run reported while sam#01 reanalyzed but did not purged therefore VIAL A data reported as final analysis. The Continuous Calibration File ID VY020664.D met the requirements except for Bromomethane failing marginally low therefore no corrective action taken.			
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 met the acceptable criteria except for OU4-VSL-08-121224 [Toluene-d8 - 135%], VIAL A analyzed but not purged as a corrective action VIAL B analyzed but Surrogate failing and now no more vials for confirmation therefore VIAL B reported as final analysis while, for OU4-VSL-11-121224 [Toluene-d8 - 117%], OU4-VSL-11-121224RE [4-Bromofluorobenzene - 64%], OU4-VSL-13-121224 [Toluene-d8 - 117%], OU4-VSL-13-121224RE [1,2-Dichloroethane-d4 - 56% and 4-Bromofluorobenzene - 29%]the failure samples in surrogates were reanalyzed to confirm the failure as per method and reported.			

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 Blank Spike for {VY1220SBS01} with File ID: VY020666.D met requirements for all samples except for 1,2-Dibromo-3-Chloropropane[175%], 1,3-Dichloropropane[128%] and t-1,3-Dichloropropene[162%]failing high but no positive hit in associated samples therefore no corrective action taken. The Blank Spike Duplicate met requirements for all samples .			
9.	Internal Standard Area/Retention Time Shift Meet Criteria		✓	
	Comments: The Internal Standards Areas met the acceptable requirements except for OU4-VSL-11-121224RE, OU4-VSL-13-121224RE samples were reanalyzed and both run reported.			
10.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

The SDG P5306 is logged for VOCMS group3 Lab is not certified for trans-1,4- dichloro-2-butene and Tetrahydrofuran compounds for 8260D method.

As per special requirement for this project form-1 are reported in mg/kg.

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

The not QT review data is reported in the Miscellaneous.

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

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

QA REVIEW Date

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

	NA	NO	YES