

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

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

CHEMTECH PROJECT NUMBER: Q1478

MATRIX: TCLP

METHOD: 8270E/3510/1311

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2. GC/MS Tuning Specifications. DFTPP 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 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 Requirements. The % RSD is greater than 20% in the Initial Calibration (8270-BF022725.M) for 2,4-Dinitrotoluene, this compound is passing on Linear Regression. The Continuous Calibration File ID BF141882.D met the requirements except for 2,4-Dinitrotoluene, Pentachlorophenol, 2,4,6-Tribromophenol and Nitrobenzene-d5, The associate samples have no positive hit for these compounds therefore no corrective action was 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 PB166968TB [2,4,6-Tribromophenol - 124%], PB167016BL [2,4,6-Tribromophenol - 121%], PB167016BS [2,4,6-Tribromophenol - 111%], IDW-SO-COMP-022825 [2,4,6-Tribromophenol - 132%], IDW-SO-COMP-022825MSD [2,4 and6-Tribromophenol - 136%],these compounds did not meet the NJDKQP criteria but met the in-house criteria, while IDW-SO-COMP-022825MS [2,4,6-Tribromophenol - 138%], this compound did not meet the NJDKQP criteria and in-house criteria but as per method two surrogates are allowed to failed, therefore no corrective action was taken.		✓	

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		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 MSD {Q1478-13MSD} with File ID: BF141888.D recoveries met the acceptable requirements except for 1,4-Dichlorobenzene[68%], this compound did not meet the NJDKQP criteria but met the in-house criteria. The Blank Spike met requirements for all samples .			
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:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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