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: Q1574 MATRIX: Solid

METHOD: 8270E/3541

		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-BF031025.M) for 2,4-Dinitrophenol and this compound is passing on Linear Regression. 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 met the acceptable criteria except for WC1 [2,4,6-Tribromophenol - 21%, 2-Fluorobiphenyl - 27%, 2-Fluorophenol - 22%, Nitrobenzene-d5 - 24%, Phenol-d6 - 21%, Terphenyl-d14 - 26%] and WC1DL [2,4,6-Tribromophenol - 18%, 2-Fluorobiphenyl - 26%, 2-Fluorophenol - 19%, Nitrobenzene-d5 - 22%, Phenol-d6 - 18%, Terphenyl-d14 - 26%] these surrogate did not meet the NJDKQP criteria but met the in-house criteria.			

GC/MS SEMI-VOLATILE ANALYSIS 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 {Q1585-01MS} with File ID: BF141980.D recoveries met the requirements for all compounds except for 4,6-Dinitro-2-methylphenol[23%], 4-Chloroaniline[33%], Benzo(a)anthracene[67%], Benzo(g,h,i)perylene[69%], Benzo(k)fluoranthene[68%], Chrysene[67%], Fluoranthene[50%] and Phenanthrene[60%] , these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The MSD {Q1585-01MSD} with File ID: BF141981.D recoveries met the acceptable requirements except for 4,6-Dinitro-2-methylphenol[16%], 4-Chloroaniline[46%] and Fluoranthene[60%] , these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Blank Spike for {PB167157BS} with File ID: BP024181.D met requirements for all samples except for 3-Nitroaniline[59%], 4-Chloroaniline[49%], Atrazine[147%] and Hexachlorocyclopentadiene[164%] , these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The RPD for {Q1585-01MSD} with File ID: BF141981.D met criteria except for 2,4-Dinitrophenol[24%], 4,6-Dinitro-2-methylphenol[36%], 4-Chloroaniline[33%] and Hexachlorocyclopentadiene[36%] .

9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓

Comments: The Internal Standards Areas met the acceptable requirements.

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:

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GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

ADDITIONAL COMMENTS:

Samples WC1 was diluted due to bad matrix.

Sample WC1 was diluted due to high concentration.

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

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.

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QA REVIEW Date