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

ORDER ID: Q1872 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-BM042825.M) for 2,4-Dinitrophenol and 4-Nitrophenol these compound are passing on Linear Regression.

The % RSD is greater than 20% in the Initial Calibration (8270-BP041425.M) for Benzidine, only QC sample run under this Initial Calibration.

The % RSD is greater than 20% in the Initial Calibration (8270-BP051325.M) for Benzoic acid, 2,4-Dinitrophenol, 4-Nitrophenol these compound are passing on Linear Regression.

The Continuous Calibration File ID BP024568.D met the requirements except for 2,4,6-Tribromophenol . associated samples have no hit for this compound, Therefor no further corrective action was taken.

6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	

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

		NA	NO	YES
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 PB167904BS [2,4 and6-Tribromophenol - 117%] is marginally biased high, Therefor no corrective action was taken.			
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 {PB167904BS} with File ID: BP024570.D met requirements for all samples except for 2,4,5-Trichlorophenol[100%], 4-Bromophenyl-phenylether[106%], Benzidine[112%], Hexachlorobenzene[106%], Hexachlorobutadiene[100%], Hexachlorocyclopentadiene[185%] and Pentachlorophenol[106%] . Recovery of a very few compounds are slightly biased high but their hit is not present in any associated samples, Therefor no further corrective action was taken.			
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:

Sample HW0425-PT-BNA-SOIL 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

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

(CONTINUED)

NA NO YES

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