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: P3845 MATRIX: Water

METHOD: 625.1,8270E/3510

		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-BM091424.M) for Benzoic acid , 4,6-Dinitro-2-methylphenol, this compound is passing on Linear Regression and 2,4-Dinitrophenol, is passing on Quadratic regression The Continuous Calibration File ID BM047533.D met the requirements except for Benzidine, failing high but no positive hit for these compounds therefore no corrective action was taken. The Continuous Calibration File ID BM047566.D met the requirements except for 3,3-Dichlorobenzidine,Benzidine,Bis(2-ethylhexyl)phthalate,Butylbenzylphthalate and Di-n-octyl phthalate, failing high but 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 PT-BN-WP [Terphenyl-d14 - 132%], as per method two surrogates are allowed to failed, no corrective action was taken.			

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 Blank Spike for {PB163318BS} with File ID: BM047568.D met requirements for all samples except for bis(2-Ethylhexyl)phthalate[111%], Butylbenzylphthalate[113%], Dibenz(a,h)anthracene[125%], Hexachlorocyclopentadiene[170%] and Indeno(1,2,3-cd)pyrene[127%], failing high but no positive hit for these compounds therefore no corrective action was taken.			
	The Blank Spike Duplicate for {PB163318BSD} with File ID: BM047569.D met requirements for all samples except for bis(2-Ethylhexyl)phthalate[111%], Butylbenzylphthalate[112%], Dibenz(a,h)anthracene[126%], Hexachlorocyclopentadiene[170%] and Indeno(1,2,3-cd)pyrene[127%], failing high but no positive hit for these compounds therefore no 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:			
	The Holding Times were met for all analysis.			

ADDITIONAL COMMENTS:

Sample PT-BN-WP 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.

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 <15% 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 > 15% for the Initial Calibration curve for SW-846 analysis.

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QA REVIEW Date