

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: P1187

Project: LOD-LOQ Study

Instrument ID: FID_B

GC Column: RTX-502.2 ID: 0.53 (mm)

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION 8.7872					
EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
VPF0214S1	VPF0214S1	14 Feb 2024 9:11	FB030561.D	8.782	
BSF0214S1	BSF0214S1	14 Feb 2024 10:28	FB030563.D	8.783	
LOD-MDL-SOIL-01-QT1-2024	P1187-01	14 Feb 2024 11:07	FB030564.D	8.784	
LOD-MDL-SOIL-01-QT1-2024	P1187-01	14 Feb 2024 11:45	FB030565.D	8.785	
LOD-MDL-WATER-01-QT1-2024	P1187-07	15 Feb 2024 11:52	FB030586.D	8.784	
LOD-MDL-WATER-01-QT1-2024	P1187-07	15 Feb 2024 12:30	FB030587.D	8.785	
LOQ-WATER-02-QT1-2024	P1187-08	15 Feb 2024 13:09	FB030588.D	8.781	
MDL-SOIL-03-QT1-2024	P1187-03	15 Feb 2024 16:22	FB030593.D	8.786	

Column used to flag RT values with an * values outside of QC limits

QC Limits
(± 0.10 minutes)

Lower Limit
8.6872

Upper Limits
8.8872