

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: O2213

Project: LOD-LOQ Study

Instrument ID: FID_G

GC Column: RXI-1MS ID: 0.18 (mm)

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

MEAN SUROGATE RT FROM INITIAL CALIBRATION 15.0538					
EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	LBLK01	06 Apr 2023 08:20	FG011711.D	15.064	
50 PPM TRPH STD	50 PPM TRPH STD	06 Apr 2023 08:49	FG011712.D	15.064	
LOD-MDL-SOIL-01-QT2-2023	O2213-01	06 Apr 2023 12:32	FG011714.D	15.064	
LOD-MDL-SOIL-01-QT2-2023	O2213-01	06 Apr 2023 13:01	FG011715.D	15.062	
LOQ-SOIL-02-QT2-2023	O2213-02	06 Apr 2023 13:31	FG011716.D	15.062	
PB151916BL	PB151916BL	06 Apr 2023 14:00	FG011717.D	15.060	
PIBLK02	LBLK02	06 Apr 2023 15:00	FG011719.D	15.061	
50 PPM TRPH STD	50 PPM TRPH STD	06 Apr 2023 15:29	FG011720.D	15.062	

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

QC Limits
(± 0.10 minutes)

Lower Limit
14.9538

Upper Limits
15.1538