

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: O3572

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 8.791					
EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
VBF0711S1	VBF0711S1	11 Jul 2023 10:42	FB030150.D	8.789	
VBF0711S2	VBF0711S2	11 Jul 2023 11:20	FB030151.D	8.790	
BSF0711S1	BSF0711S1	11 Jul 2023 11:58	FB030152.D	8.790	
LOD-MDL-SOIL-01-QT3-2023	O3572-01	11 Jul 2023 13:17	FB030153.D	8.791	
LOD-MDL-SOIL-01-QT3-2023	O3572-01	11 Jul 2023 13:56	FB030154.D	8.791	
LOQ-SOIL-02-QT3-2023	O3572-02	11 Jul 2023 14:34	FB030155.D	8.792	
BSF0711S2	BSF0711S2	11 Jul 2023 15:13	FB030156.D	8.793	
VBF0711W1	VBF0711W1	11 Jul 2023 17:10	FB030158.D	8.794	
BSF0711W1	BSF0711W1	11 Jul 2023 17:49	FB030159.D	8.794	
BSF0711W2	BSF0711W2	11 Jul 2023 18:28	FB030160.D	8.795	
LOD-MDL-WATER-01-QT3-2023	O3572-07	11 Jul 2023 19:45	FB030161.D	8.796	
LOD-MDL-WATER-01-QT3-2023	O3572-07	11 Jul 2023 21:03	FB030162.D	8.795	
LOQ-WATER-02-QT3-2023	O3572-08	11 Jul 2023 21:42	FB030163.D	8.795	
BSF0711W3	BSF0711W3	11 Jul 2023 22:21	FB030164.D	8.793	

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

QC Limits
(± 0.10 minutes)

Lower Limit
8.691

Upper Limits
8.891