

Analytical Sequence

Client: CDM Smith

SDG No.: Q2436

Project: South River WM Replacement

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 8.798					
EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	27 Jun 2025 9:38	FB031945.D	8.792	
VBF0627S1	VBF0627S1	27 Jun 2025 10:24	FB031946.D	8.795	
BSF0627S1	BSF0627S1	27 Jun 2025 11:19	FB031948.D	8.795	
TP-70	Q2436-01	27 Jun 2025 12:20	FB031949.D	8.624	*
TP-85	Q2436-03	27 Jun 2025 13:14	FB031951.D	8.663	*
TP-84	Q2436-05	27 Jun 2025 14:09	FB031953.D	8.796	
20 PPB GRO STD	20 PPB GRO STD	27 Jun 2025 15:21	FB031955.D	8.796	
TP-83	Q2436-06	27 Jun 2025 16:06	FB031956.D	8.629	*
TP-100	Q2436-08	27 Jun 2025 17:01	FB031958.D	8.624	*
TP-99	Q2436-09	27 Jun 2025 17:29	FB031959.D	8.637	*
TP-69	Q2436-02	27 Jun 2025 18:25	FB031961.D	8.796	
BSF0627S3	BSF0627S3	27 Jun 2025 18:53	FB031962.D	8.796	
20 PPB GRO STD	20 PPB GRO STD	27 Jun 2025 19:20	FB031963.D	8.796	
20 PPB GRO STD	20 PPB GRO STD	30 Jun 2025 9:27	FB031964.D	8.789	
VBF0630S1	VBF0630S1	30 Jun 2025 10:12	FB031965.D	8.796	
VBF0630S2	VBF0630S2	30 Jun 2025 10:40	FB031966.D	8.798	
BSF0630S1	BSF0630S1	30 Jun 2025 11:08	FB031967.D	8.798	
TP-87	Q2436-07	30 Jun 2025 12:04	FB031969.D	8.572	*
TP-82	Q2436-10	30 Jun 2025 12:31	FB031970.D	8.546	*
TP-86	Q2436-04	30 Jun 2025 12:59	FB031971.D	8.523	*
BSF0630S2	BSF0630S2	30 Jun 2025 13:26	FB031972.D	8.802	
20 PPB GRO STD	20 PPB GRO STD	30 Jun 2025 13:54	FB031973.D	8.802	

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

QC Limits
(± 0.10 minutes)

Lower Limit
8.698

Upper Limits
8.898