

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P4892
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 11/18/2024 11/18/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	11/18/2024	15:16	PO108037.D	10.09	4.37
AR1660ICC1000	AR1660ICC1000	11/18/2024	15:32	PO108038.D	10.09	4.37
AR1660ICC750	AR1660ICC750	11/18/2024	15:48	PO108039.D	10.09	4.37
AR1660ICC500	AR1660ICC500	11/18/2024	16:05	PO108040.D	10.09	4.37
AR1660ICC250	AR1660ICC250	11/18/2024	16:21	PO108041.D	10.09	4.37
AR1660ICC050	AR1660ICC050	11/18/2024	16:37	PO108042.D	10.09	4.37
AR1221ICC500	AR1221ICC500	11/18/2024	16:53	PO108043.D	10.09	4.37
AR1232ICC500	AR1232ICC500	11/18/2024	17:09	PO108044.D	10.09	4.37
AR1242ICC1000	AR1242ICC1000	11/18/2024	17:25	PO108045.D	10.09	4.37
AR1242ICC750	AR1242ICC750	11/18/2024	17:42	PO108046.D	10.09	4.37
AR1242ICC500	AR1242ICC500	11/18/2024	17:58	PO108047.D	10.09	4.37
AR1242ICC250	AR1242ICC250	11/18/2024	18:14	PO108048.D	10.09	4.37
AR1242ICC050	AR1242ICC050	11/18/2024	18:30	PO108049.D	10.09	4.37
AR1248ICC1000	AR1248ICC1000	11/18/2024	18:47	PO108050.D	10.09	4.37
AR1248ICC750	AR1248ICC750	11/18/2024	19:03	PO108051.D	10.09	4.37
AR1248ICC500	AR1248ICC500	11/18/2024	19:19	PO108052.D	10.09	4.37
AR1248ICC250	AR1248ICC250	11/18/2024	19:35	PO108053.D	10.09	4.37
AR1248ICC050	AR1248ICC050	11/18/2024	19:51	PO108054.D	10.09	4.37
AR1254ICC1000	AR1254ICC1000	11/18/2024	20:07	PO108055.D	10.09	4.37
AR1254ICC750	AR1254ICC750	11/18/2024	20:24	PO108056.D	10.09	4.37
AR1254ICC500	AR1254ICC500	11/18/2024	20:40	PO108057.D	10.09	4.37
AR1254ICC250	AR1254ICC250	11/18/2024	20:56	PO108058.D	10.09	4.37
AR1254ICC050	AR1254ICC050	11/18/2024	21:12	PO108059.D	10.09	4.37
AR1262ICC500	AR1262ICC500	11/18/2024	21:28	PO108060.D	10.09	4.37
AR1268ICC1000	AR1268ICC1000	11/18/2024	21:45	PO108061.D	10.09	4.37
AR1268ICC750	AR1268ICC750	11/18/2024	22:02	PO108062.D	10.09	4.37
AR1268ICC500	AR1268ICC500	11/18/2024	22:19	PO108063.D	10.09	4.37
AR1268ICC250	AR1268ICC250	11/18/2024	22:35	PO108064.D	10.09	4.37
AR1268ICC050	AR1268ICC050	11/18/2024	22:51	PO108065.D	10.09	4.37
AR1660CCC500	AR1660CCC500	11/19/2024	09:37	PO108090.D	10.10	4.37
IBLK	IBLK	11/19/2024	10:42	PO108094.D	10.09	4.37
WB-310-TOP	P4892-01	11/19/2024	14:40	PO108097.D	10.09	4.37
WB-310-BOT	P4892-02	11/19/2024	14:57	PO108098.D	10.09	4.37
MH-763MS	P4893-01MS	11/19/2024	15:30	PO108100.D	10.09	4.37
MH-763MSD	P4893-01MSD	11/19/2024	15:47	PO108101.D	10.09	4.37
AR1660CCC500	AR1660CCC500	11/19/2024	16:34	PO108103.D	10.09	4.37
IBLK	IBLK	11/19/2024	17:40	PO108107.D	10.09	4.37
AR1660CCC500	AR1660CCC500	11/20/2024	09:21	PO108119.D	10.10	4.37
IBLK	IBLK	11/20/2024	10:27	PO108123.D	10.09	4.37
PB165082BL	PB165082BL	11/20/2024	11:12	PO108124.D	10.09	4.37
PB165082BS	PB165082BS	11/20/2024	11:29	PO108125.D	10.09	4.37
AR1660CCC500	AR1660CCC500	11/20/2024	14:51	PO108134.D	10.09	4.37

Analytical Sequence

I.BLK	I.BLK	11/20/2024	15:56	PO108138.D	10.10	4.37
AR1660CCC500	AR1660CCC500	11/20/2024	19:38	PO108149.D	10.09	4.37
I.BLK	I.BLK	11/20/2024	20:44	PO108153.D	10.10	4.37
PB165133BL	PB165133BL	11/20/2024	21:00	PO108154.D	10.09	4.37
PB165133BS	PB165133BS	11/20/2024	21:16	PO108155.D	10.09	4.37
PB165133BSD	PB165133BSD	11/20/2024	21:33	PO108156.D	10.09	4.37
WB-310-SW	P4892-04	11/20/2024	21:49	PO108157.D	10.09	4.37
AR1660CCC500	AR1660CCC500	11/20/2024	23:06	PO108159.D	10.10	4.37
I.BLK	I.BLK	11/21/2024	00:12	PO108163.D	10.09	4.37

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P4892
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 11/18/2024 11/18/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	11/18/2024	15:16	PO108037.D	8.64	3.64
AR1660ICC1000	AR1660ICC1000	11/18/2024	15:32	PO108038.D	8.64	3.64
AR1660ICC750	AR1660ICC750	11/18/2024	15:48	PO108039.D	8.63	3.64
AR1660ICC500	AR1660ICC500	11/18/2024	16:05	PO108040.D	8.64	3.64
AR1660ICC250	AR1660ICC250	11/18/2024	16:21	PO108041.D	8.63	3.64
AR1660ICC050	AR1660ICC050	11/18/2024	16:37	PO108042.D	8.64	3.64
AR1221ICC500	AR1221ICC500	11/18/2024	16:53	PO108043.D	8.63	3.64
AR1232ICC500	AR1232ICC500	11/18/2024	17:09	PO108044.D	8.63	3.64
AR1242ICC1000	AR1242ICC1000	11/18/2024	17:25	PO108045.D	8.63	3.64
AR1242ICC750	AR1242ICC750	11/18/2024	17:42	PO108046.D	8.63	3.64
AR1242ICC500	AR1242ICC500	11/18/2024	17:58	PO108047.D	8.63	3.64
AR1242ICC250	AR1242ICC250	11/18/2024	18:14	PO108048.D	8.64	3.64
AR1242ICC050	AR1242ICC050	11/18/2024	18:30	PO108049.D	8.64	3.64
AR1248ICC1000	AR1248ICC1000	11/18/2024	18:47	PO108050.D	8.64	3.64
AR1248ICC750	AR1248ICC750	11/18/2024	19:03	PO108051.D	8.63	3.64
AR1248ICC500	AR1248ICC500	11/18/2024	19:19	PO108052.D	8.64	3.64
AR1248ICC250	AR1248ICC250	11/18/2024	19:35	PO108053.D	8.63	3.64
AR1248ICC050	AR1248ICC050	11/18/2024	19:51	PO108054.D	8.64	3.64
AR1254ICC1000	AR1254ICC1000	11/18/2024	20:07	PO108055.D	8.64	3.64
AR1254ICC750	AR1254ICC750	11/18/2024	20:24	PO108056.D	8.64	3.64
AR1254ICC500	AR1254ICC500	11/18/2024	20:40	PO108057.D	8.63	3.64
AR1254ICC250	AR1254ICC250	11/18/2024	20:56	PO108058.D	8.64	3.64
AR1254ICC050	AR1254ICC050	11/18/2024	21:12	PO108059.D	8.64	3.64
AR1262ICC500	AR1262ICC500	11/18/2024	21:28	PO108060.D	8.63	3.64
AR1268ICC1000	AR1268ICC1000	11/18/2024	21:45	PO108061.D	8.64	3.64
AR1268ICC750	AR1268ICC750	11/18/2024	22:02	PO108062.D	8.64	3.64
AR1268ICC500	AR1268ICC500	11/18/2024	22:19	PO108063.D	8.63	3.64
AR1268ICC250	AR1268ICC250	11/18/2024	22:35	PO108064.D	8.63	3.64
AR1268ICC050	AR1268ICC050	11/18/2024	22:51	PO108065.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/19/2024	09:37	PO108090.D	8.63	3.64
IBLK	IBLK	11/19/2024	10:42	PO108094.D	8.63	3.64
WB-310-TOP	P4892-01	11/19/2024	14:40	PO108097.D	8.63	3.64
WB-310-BOT	P4892-02	11/19/2024	14:57	PO108098.D	8.63	3.64
MH-763MS	P4893-01MS	11/19/2024	15:30	PO108100.D	8.64	3.64
MH-763MSD	P4893-01MSD	11/19/2024	15:47	PO108101.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/19/2024	16:34	PO108103.D	8.63	3.64
IBLK	IBLK	11/19/2024	17:40	PO108107.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/20/2024	09:21	PO108119.D	8.64	3.64
IBLK	IBLK	11/20/2024	10:27	PO108123.D	8.63	3.64
PB165082BL	PB165082BL	11/20/2024	11:12	PO108124.D	8.63	3.64
PB165082BS	PB165082BS	11/20/2024	11:29	PO108125.D	8.64	3.64
AR1660CCC500	AR1660CCC500	11/20/2024	14:51	PO108134.D	8.63	3.64

Analytical Sequence

I.BLK	I.BLK	11/20/2024	15:56	PO108138.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/20/2024	19:38	PO108149.D	8.63	3.64
I.BLK	I.BLK	11/20/2024	20:44	PO108153.D	8.63	3.64
PB165133BL	PB165133BL	11/20/2024	21:00	PO108154.D	8.63	3.64
PB165133BS	PB165133BS	11/20/2024	21:16	PO108155.D	8.63	3.64
PB165133BSD	PB165133BSD	11/20/2024	21:33	PO108156.D	8.64	3.64
WB-310-SW	P4892-04	11/20/2024	21:49	PO108157.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/20/2024	23:06	PO108159.D	8.64	3.64
I.BLK	I.BLK	11/21/2024	00:12	PO108163.D	8.64	3.64