

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P4718
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 10/15/2024 10/15/2024

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	10/15/2024	18:08	PO107183.D	10.06	4.37
AR1660ICC1000	AR1660ICC1000	10/15/2024	18:27	PO107184.D	10.06	4.37
AR1660ICC750	AR1660ICC750	10/15/2024	18:45	PO107185.D	10.06	4.37
AR1660ICC500	AR1660ICC500	10/15/2024	19:03	PO107186.D	10.06	4.37
AR1660ICC250	AR1660ICC250	10/15/2024	19:21	PO107187.D	10.06	4.37
AR1660ICC050	AR1660ICC050	10/15/2024	19:39	PO107188.D	10.06	4.37
AR1221ICC500	AR1221ICC500	10/15/2024	19:57	PO107189.D	10.06	4.37
AR1232ICC500	AR1232ICC500	10/15/2024	20:15	PO107190.D	10.06	4.37
AR1242ICC1000	AR1242ICC1000	10/15/2024	20:34	PO107191.D	10.06	4.37
AR1242ICC750	AR1242ICC750	10/15/2024	20:52	PO107192.D	10.06	4.37
AR1242ICC500	AR1242ICC500	10/15/2024	21:10	PO107193.D	10.06	4.37
AR1242ICC250	AR1242ICC250	10/15/2024	21:28	PO107194.D	10.06	4.37
AR1242ICC050	AR1242ICC050	10/15/2024	21:46	PO107195.D	10.06	4.37
AR1248ICC1000	AR1248ICC1000	10/15/2024	22:04	PO107196.D	10.06	4.37
AR1248ICC750	AR1248ICC750	10/15/2024	22:22	PO107197.D	10.06	4.37
AR1248ICC500	AR1248ICC500	10/15/2024	22:41	PO107198.D	10.06	4.37
AR1248ICC250	AR1248ICC250	10/15/2024	22:59	PO107199.D	10.06	4.37
AR1248ICC050	AR1248ICC050	10/15/2024	23:17	PO107200.D	10.06	4.37
AR1254ICC1000	AR1254ICC1000	10/15/2024	23:35	PO107201.D	10.06	4.37
AR1254ICC750	AR1254ICC750	10/15/2024	23:53	PO107202.D	10.06	4.37
AR1254ICC500	AR1254ICC500	10/16/2024	00:11	PO107203.D	10.06	4.37
AR1254ICC250	AR1254ICC250	10/16/2024	00:29	PO107204.D	10.06	4.37
AR1254ICC050	AR1254ICC050	10/16/2024	00:47	PO107205.D	10.06	4.37
AR1262ICC500	AR1262ICC500	10/16/2024	01:05	PO107206.D	10.06	4.37
AR1268ICC1000	AR1268ICC1000	10/16/2024	01:23	PO107207.D	10.06	4.37
AR1268ICC750	AR1268ICC750	10/16/2024	01:41	PO107208.D	10.06	4.37
AR1268ICC500	AR1268ICC500	10/16/2024	01:59	PO107209.D	10.06	4.37
AR1268ICC250	AR1268ICC250	10/16/2024	02:18	PO107210.D	10.06	4.37
AR1268ICC050	AR1268ICC050	10/16/2024	02:36	PO107211.D	10.06	4.37
AR1660CCC500	AR1660CCC500	11/06/2024	09:29	PO107726.D	10.08	4.37
IBLK	IBLK	11/06/2024	10:33	PO107730.D	10.07	4.37
PB164700BL	PB164700BL	11/06/2024	13:10	PO107731.D	10.08	4.37
PB164700BS	PB164700BS	11/06/2024	13:26	PO107732.D	10.08	4.37
TR-04-110424MS	P4706-01MS	11/06/2024	14:30	PO107736.D	10.08	4.37
TR-04-110424MSD	P4706-01MSD	11/06/2024	14:46	PO107737.D	10.08	4.37
WB-307-SB01	P4718-01	11/06/2024	15:35	PO107740.D	10.08	4.37
AR1660CCC500	AR1660CCC500	11/06/2024	16:54	PO107741.D	10.07	4.37
IBLK	IBLK	11/06/2024	17:59	PO107745.D	10.07	4.37
PB164704BL	PB164704BL	11/06/2024	18:15	PO107746.D	10.07	4.37
PB164704BS	PB164704BS	11/06/2024	18:31	PO107747.D	10.07	4.37
PB164704BSD	PB164704BSD	11/06/2024	18:47	PO107748.D	10.08	4.37
WB-307-SW	P4718-04	11/06/2024	20:41	PO107755.D	10.08	4.37

Analytical Sequence

AR1660CCC500	AR1660CCC500	11/06/2024	21:42	PO107756.D	10.08	4.37
I.BLK	I.BLK	11/06/2024	22:46	PO107760.D	10.08	4.37
WB-307-SB02	P4718-02	11/06/2024	23:02	PO107761.D	10.08	4.37
AR1660CCC500	AR1660CCC500	11/07/2024	00:20	PO107763.D	10.08	4.37
I.BLK	I.BLK	11/07/2024	01:25	PO107767.D	10.08	4.37

Analytical Sequence

Client: Portal Partners Tri-Venture

SDG No.: P4718

Project: Amtrak Sawtooth Bridges 2024

Instrument ID: ECD_O

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 10/15/2024

10/15/2024

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	10/15/2024	18:08	PO107183.D	8.64	3.64
AR1660ICC1000	AR1660ICC1000	10/15/2024	18:27	PO107184.D	8.64	3.64
AR1660ICC750	AR1660ICC750	10/15/2024	18:45	PO107185.D	8.64	3.64
AR1660ICC500	AR1660ICC500	10/15/2024	19:03	PO107186.D	8.64	3.65
AR1660ICC250	AR1660ICC250	10/15/2024	19:21	PO107187.D	8.64	3.64
AR1660ICC050	AR1660ICC050	10/15/2024	19:39	PO107188.D	8.64	3.64
AR1221ICC500	AR1221ICC500	10/15/2024	19:57	PO107189.D	8.64	3.64
AR1232ICC500	AR1232ICC500	10/15/2024	20:15	PO107190.D	8.64	3.64
AR1242ICC1000	AR1242ICC1000	10/15/2024	20:34	PO107191.D	8.64	3.64
AR1242ICC750	AR1242ICC750	10/15/2024	20:52	PO107192.D	8.64	3.64
AR1242ICC500	AR1242ICC500	10/15/2024	21:10	PO107193.D	8.64	3.64
AR1242ICC250	AR1242ICC250	10/15/2024	21:28	PO107194.D	8.64	3.65
AR1242ICC050	AR1242ICC050	10/15/2024	21:46	PO107195.D	8.64	3.64
AR1248ICC1000	AR1248ICC1000	10/15/2024	22:04	PO107196.D	8.64	3.64
AR1248ICC750	AR1248ICC750	10/15/2024	22:22	PO107197.D	8.64	3.64
AR1248ICC500	AR1248ICC500	10/15/2024	22:41	PO107198.D	8.64	3.64
AR1248ICC250	AR1248ICC250	10/15/2024	22:59	PO107199.D	8.64	3.64
AR1248ICC050	AR1248ICC050	10/15/2024	23:17	PO107200.D	8.64	3.64
AR1254ICC1000	AR1254ICC1000	10/15/2024	23:35	PO107201.D	8.64	3.65
AR1254ICC750	AR1254ICC750	10/15/2024	23:53	PO107202.D	8.64	3.64
AR1254ICC500	AR1254ICC500	10/16/2024	00:11	PO107203.D	8.64	3.64
AR1254ICC250	AR1254ICC250	10/16/2024	00:29	PO107204.D	8.64	3.64
AR1254ICC050	AR1254ICC050	10/16/2024	00:47	PO107205.D	8.64	3.65
AR1262ICC500	AR1262ICC500	10/16/2024	01:05	PO107206.D	8.64	3.64
AR1268ICC1000	AR1268ICC1000	10/16/2024	01:23	PO107207.D	8.64	3.65
AR1268ICC750	AR1268ICC750	10/16/2024	01:41	PO107208.D	8.64	3.64
AR1268ICC500	AR1268ICC500	10/16/2024	01:59	PO107209.D	8.64	3.65
AR1268ICC250	AR1268ICC250	10/16/2024	02:18	PO107210.D	8.64	3.64
AR1268ICC050	AR1268ICC050	10/16/2024	02:36	PO107211.D	8.64	3.65
AR1660CCC500	AR1660CCC500	11/06/2024	09:29	PO107726.D	8.64	3.64
IBLK	IBLK	11/06/2024	10:33	PO107730.D	8.64	3.64
PB164700BL	PB164700BL	11/06/2024	13:10	PO107731.D	8.64	3.64
PB164700BS	PB164700BS	11/06/2024	13:26	PO107732.D	8.64	3.64
TR-04-110424MS	P4706-01MS	11/06/2024	14:30	PO107736.D	8.64	3.64
TR-04-110424MSD	P4706-01MSD	11/06/2024	14:46	PO107737.D	8.64	3.64
WB-307-SB01	P4718-01	11/06/2024	15:35	PO107740.D	8.64	3.64
AR1660CCC500	AR1660CCC500	11/06/2024	16:54	PO107741.D	8.64	3.64
IBLK	IBLK	11/06/2024	17:59	PO107745.D	8.64	3.64
PB164704BL	PB164704BL	11/06/2024	18:15	PO107746.D	8.64	3.64
PB164704BS	PB164704BS	11/06/2024	18:31	PO107747.D	8.64	3.64
PB164704BSD	PB164704BSD	11/06/2024	18:47	PO107748.D	8.64	3.64
WB-307-SW	P4718-04	11/06/2024	20:41	PO107755.D	8.64	3.64

Analytical Sequence

AR1660CCC500	AR1660CCC500	11/06/2024	21:42	PO107756.D	8.64	3.64
I.BLK	I.BLK	11/06/2024	22:46	PO107760.D	8.64	3.64
WB-307-SB02	P4718-02	11/06/2024	23:02	PO107761.D	8.64	3.64
AR1660CCC500	AR1660CCC500	11/07/2024	00:20	PO107763.D	8.64	3.64
I.BLK	I.BLK	11/07/2024	01:25	PO107767.D	8.64	3.64