

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM Case No.: P4780 SAS No.: P4780 SDG NO.: P4780

Instrument ID: ECD_R Calibration Date(s): 10/29/2024 10/29/2024

Calibration Times: 04:56 14:43

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PR068880.D RT 200 = PR068881.D

RT 400 = PR068882.D RT 800 = PR068883.D RT 1600 = PR068884.D

COMPOUND		RT 100	RT 200	RT 400	RT 800	RT 1600	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.87	4.87	4.87	4.87	4.87	4.87	4.80	4.94
Aroclor-1016-2	(2)	4.89	4.89	4.89	4.89	4.89	4.89	4.82	4.96
Aroclor-1016-3	(3)	4.95	4.95	4.95	4.95	4.95	4.95	4.88	5.02
Aroclor-1016-4	(4)	5.06	5.06	5.06	5.05	5.06	5.06	4.99	5.13
Aroclor-1016-5	(5)	5.37	5.37	5.37	5.37	5.37	5.37	5.30	5.44
Aroclor-1260-1	(1)	6.58	6.58	6.58	6.58	6.58	6.58	6.51	6.65
Aroclor-1260-2	(2)	6.86	6.86	6.86	6.86	6.86	6.86	6.79	6.93
Aroclor-1260-3	(3)	7.25	7.25	7.25	7.25	7.25	7.25	7.18	7.32
Aroclor-1260-4	(4)	7.50	7.50	7.50	7.50	7.50	7.50	7.43	7.57
Aroclor-1260-5	(5)	7.83	7.83	7.83	7.83	7.83	7.83	7.76	7.90
DCB		9.54	9.54	9.53	9.54	9.54	9.54	9.44	9.64
TCX		3.65	3.65	3.65	3.65	3.65	3.65	3.60	3.70
Aroclor-1221-1	(1)	3.87	3.87	3.87	3.87	3.87	3.87	3.80	3.94
Aroclor-1221-2	(2)	3.96	3.96	3.96	3.96	3.96	3.96	3.89	4.03
Aroclor-1221-3	(3)	4.03	4.03	4.03	4.03	4.03	4.03	3.96	4.10
DCB		9.54	9.54	9.54	9.54	9.54	9.54	9.44	9.64
TCX		3.64	3.64	3.64	3.64	3.65	3.64	3.59	3.69
Aroclor-1232-1	(1)	4.03	4.03	4.03	4.03	4.03	4.03	3.96	4.10
Aroclor-1232-2	(2)	4.58	4.58	4.58	4.58	4.58	4.58	4.51	4.65
Aroclor-1232-3	(3)	4.89	4.89	4.89	4.89	4.89	4.89	4.82	4.96
Aroclor-1232-4	(4)	5.05	5.05	5.06	5.05	5.06	5.05	4.98	5.12
Aroclor-1232-5	(5)	5.16	5.16	5.16	5.16	5.16	5.16	5.09	5.23
DCB		9.54	9.53	9.54	9.54	9.54	9.54	9.44	9.64
TCX		3.64	3.65	3.65	3.64	3.65	3.65	3.60	3.70
Aroclor-1242-1	(1)	4.87	4.87	4.87	4.87	4.87	4.87	4.80	4.94
Aroclor-1242-2	(2)	4.89	4.89	4.89	4.89	4.89	4.89	4.82	4.96
Aroclor-1242-3	(3)	4.95	4.95	4.95	4.95	4.95	4.95	4.88	5.02
Aroclor-1242-4	(4)	5.05	5.05	5.06	5.06	5.05	5.05	4.98	5.12
Aroclor-1242-5	(5)	5.84	5.84	5.84	5.84	5.84	5.84	5.77	5.91
DCB		9.54	9.54	9.54	9.53	9.54	9.54	9.44	9.64
TCX		3.64	3.64	3.64	3.64	3.64	3.64	3.59	3.69
Aroclor-1248-1	(1)	4.87	4.87	4.87	4.87	4.87	4.87	4.80	4.94
Aroclor-1248-2	(2)	5.16	5.16	5.16	5.16	5.16	5.16	5.09	5.23
Aroclor-1248-3	(3)	5.37	5.37	5.37	5.37	5.37	5.37	5.30	5.44
Aroclor-1248-4	(4)	5.80	5.80	5.80	5.80	5.80	5.80	5.73	5.87
Aroclor-1248-5	(5)	5.84	5.84	5.84	5.84	5.84	5.84	5.77	5.91
DCB		9.54	9.54	9.54	9.53	9.53	9.54	9.44	9.64
TCX		3.64	3.64	3.64	3.64	3.65	3.64	3.59	3.69

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Instrument ID: ECD_R Calibration Date(s): 10/29/2024 10/29/2024

Calibration Times: 04:56 14:43

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:	RT 100 = <u>PR068880.D</u>	RT 200 = <u>PR068881.D</u>
RT 400 = <u>PR068882.D</u>	RT 800 = <u>PR068883.D</u>	RT 1600 = <u>PR068884.D</u>

COMPOUND		RT 100	RT 200	RT 400	RT 800	RT 1600	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.10	4.10	4.10	4.10	4.10	4.10	4.03	4.17
Aroclor-1016-2	(2)	4.12	4.12	4.12	4.12	4.12	4.12	4.05	4.19
Aroclor-1016-3	(3)	4.30	4.30	4.30	4.30	4.30	4.30	4.23	4.37
Aroclor-1016-4	(4)	4.35	4.35	4.35	4.35	4.35	4.35	4.28	4.42
Aroclor-1016-5	(5)	4.57	4.57	4.57	4.57	4.57	4.57	4.50	4.64
Aroclor-1260-1	(1)	5.67	5.67	5.67	5.67	5.67	5.67	5.60	5.74
Aroclor-1260-2	(2)	5.87	5.87	5.87	5.87	5.87	5.87	5.80	5.94
Aroclor-1260-3	(3)	6.03	6.03	6.03	6.03	6.03	6.03	5.96	6.10
Aroclor-1260-4	(4)	6.54	6.54	6.54	6.54	6.54	6.54	6.47	6.61
Aroclor-1260-5	(5)	6.80	6.81	6.80	6.80	6.80	6.80	6.73	6.87
DCB		8.26	8.26	8.26	8.26	8.26	8.26	8.16	8.36
TCX		2.98	2.98	2.98	2.98	2.98	2.98	2.93	3.03
Aroclor-1221-1	(1)	3.20	3.20	3.20	3.20	3.20	3.20	3.13	3.27
Aroclor-1221-2	(2)	3.29	3.29	3.29	3.29	3.29	3.29	3.22	3.36
Aroclor-1221-3	(3)	3.36	3.36	3.36	3.36	3.36	3.36	3.29	3.43
DCB		8.26	8.26	8.26	8.26	8.26	8.26	8.16	8.36
TCX		2.98	2.98	2.98	2.97	2.98	2.98	2.93	3.03
Aroclor-1232-1	(1)	3.36	3.36	3.36	3.36	3.36	3.36	3.29	3.43
Aroclor-1232-2	(2)	4.12	4.12	4.12	4.12	4.12	4.12	4.05	4.19
Aroclor-1232-3	(3)	4.30	4.30	4.30	4.30	4.30	4.30	4.23	4.37
Aroclor-1232-4	(4)	4.39	4.39	4.39	4.39	4.39	4.39	4.32	4.46
Aroclor-1232-5	(5)	4.57	4.57	4.57	4.57	4.57	4.57	4.50	4.64
DCB		8.26	8.26	8.26	8.26	8.26	8.26	8.16	8.36
TCX		2.98	2.98	2.98	2.97	2.98	2.98	2.93	3.03
Aroclor-1242-1	(1)	4.10	4.10	4.10	4.10	4.10	4.10	4.03	4.17
Aroclor-1242-2	(2)	4.12	4.12	4.12	4.12	4.12	4.12	4.05	4.19
Aroclor-1242-3	(3)	4.30	4.30	4.30	4.30	4.30	4.30	4.23	4.37
Aroclor-1242-4	(4)	4.39	4.39	4.39	4.39	4.39	4.39	4.32	4.46
Aroclor-1242-5	(5)	4.94	4.94	4.94	4.94	4.94	4.94	4.87	5.01
DCB		8.26	8.26	8.26	8.26	8.26	8.26	8.16	8.36
TCX		2.98	2.97	2.97	2.98	2.97	2.97	2.92	3.02
Aroclor-1248-1	(1)	4.10	4.10	4.10	4.10	4.10	4.10	4.03	4.17
Aroclor-1248-2	(2)	4.35	4.35	4.35	4.35	4.35	4.35	4.28	4.42
Aroclor-1248-3	(3)	4.39	4.39	4.39	4.39	4.39	4.39	4.32	4.46
Aroclor-1248-4	(4)	4.57	4.57	4.57	4.57	4.57	4.57	4.50	4.64
Aroclor-1248-5	(5)	4.98	4.98	4.98	4.98	4.98	4.98	4.91	5.05
DCB		8.26	8.26	8.26	8.26	8.26	8.26	8.16	8.36
TCX		2.98	2.98	2.97	2.98	2.98	2.98	2.93	3.03

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