Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3390 **SAS No.:** P3390 **SDG NO.:** P3390

Instrument ID: ECD_Q **Calibration Date(s):** 08/05/2024 08/05/2024

Calibration Times: 13:01 19:36

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

LAB FILE ID: RT 1000 = PQ067623.D RT 750 = PQ067624.D

RT 500 = PQ067625.D RT 250 = PQ067626.D RT 050 = PQ067627.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.57	4.57	4.57	4.57	4.58	4.57	4.47	4.67
Aroclor-1016-2	(2)	4.59	4.59	4.59	4.59	4.59	4.59	4.49	4.69
Aroclor-1016-3	(3)	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1016-4	(4)	4.75	4.75	4.75	4.75	4.74	4.75	4.65	4.85
Aroclor-1016-5	(5)	5.04	5.04	5.04	5.04	5.04	5.04	4.94	5.14
Aroclor-1260-1	(1)	6.16	6.16	6.16	6.15	6.15	6.16	6.06	6.26
Aroclor-1260-2	(2)	6.42	6.42	6.42	6.42	6.42	6.42	6.32	6.52
Aroclor-1260-3	(3)	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Aroclor-1260-4	(4)	7.00	7.00	7.00	7.00	7.00	7.00	6.90	7.10
Aroclor-1260-5	(5)	7.32	7.32	7.32	7.32	7.32	7.32	7.22	7.42
Decachlorobiphenyl		8.74	8.74	8.74	8.74	8.73	8.74	8.64	8.84
Tetrachloro-m-xylene		3.46	3.46	3.46	3.46	3.46	3.46	3.36	3.56
Aroclor-1242-1	(1)	4.57	4.57	4.58	4.57	4.58	4.57	4.47	4.67
Aroclor-1242-2	(2)	4.59	4.59	4.59	4.59	4.59	4.59	4.49	4.69
Aroclor-1242-3	(3)	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1242-4	(4)	4.74	4.74	4.75	4.75	4.74	4.74	4.64	4.84
Aroclor-1242-5	(5)	5.47	5.47	5.47	5.47	5.47	5.47	5.37	5.57
Decachlorobiphenyl		8.74	8.74	8.74	8.74	8.74	8.74	8.64	8.84
Tetrachloro-m-xylene		3.46	3.46	3.46	3.46	3.46	3.46	3.36	3.56
Aroclor-1248-1	(1)	4.57	4.57	4.57	4.57	4.57	4.57	4.47	4.67
Aroclor-1248-2	(2)	4.84	4.84	4.84	4.84	4.84	4.84	4.74	4.94
Aroclor-1248-3	(3)	5.04	5.03	5.03	5.04	5.03	5.03	4.93	5.13
Aroclor-1248-4	(4)	5.44	5.43	5.44	5.44	5.44	5.44	5.34	5.54
Aroclor-1248-5	(5)	5.47	5.47	5.47	5.47	5.47	5.47	5.37	5.57
Decachlorobiphenyl		8.74	8.74	8.73	8.74	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.46	3.46	3.46	3.46	3.46	3.46	3.36	3.56
Aroclor-1254-1	(1)	5.41	5.41	5.41	5.41	5.41	5.41	5.31	5.51
Aroclor-1254-2	(2)	5.63	5.63	5.63	5.63	5.63	5.63	5.53	5.73
Aroclor-1254-3	(3)	5.99	5.99	5.99	5.99	5.98	5.99	5.89	6.09
Aroclor-1254-4	(4)	6.28	6.28	6.28	6.28	6.28	6.28	6.18	6.38
Aroclor-1254-5	(5)	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
Decachlorobiphenyl		8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene		3.46	3.46	3.46	3.46	3.46	3.46	3.36	3.56
Aroclor-1268-1	(1)	7.59	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Aroclor-1268-2	(2)	7.68	7.68	7.68	7.68	7.68	7.68	7.58	7.78
Aroclor-1268-3	(3)	7.86	7.86	7.86	7.86	7.86	7.86	7.76	7.96
Aroclor-1268-4	(4)	8.19	8.19	8.19	8.19	8.19	8.19	8.09	8.29
Aroclor-1268-5	(5)	8.49	8.49	8.49	8.49	8.49	8.49	8.39	8.59

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Decachlorobiphenyl	8.73	8.73	8.73	8.73	8.73	8.73	8.63	8.83
Tetrachloro-m-xylene	3.46	3.46	3.46	3.46	3.46	3.46	3.36	3.56

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Contract: CHEM02

Lab Code: CHEM **Case No.:** P3390 **SAS No.:** P3390 **SDG NO.:** P3390

Instrument ID: ECD_Q **Calibration Date(s):** 08/05/2024 08/05/2024

Calibration Times: 13:01 19:36

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

LAB FILE ID: RT 1000 = PQ067623.D RT 750 = PQ067624.D

RT 500 = PQ067625.D RT 250 = PQ067626.D RT 050 = PQ067627.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94
Aroclor-1016-2	(2)	3.85	3.85	3.85	3.85	3.85	3.85	3.75	3.95
Aroclor-1016-3	(3)	4.01	4.01	4.01	4.02	4.02	4.01	3.91	4.11
Aroclor-1016-4	(4)	4.06	4.06	4.06	4.06	4.06	4.06	3.96	4.16
Aroclor-1016-5	(5)	4.26	4.26	4.26	4.26	4.26	4.26	4.16	4.36
Aroclor-1260-1	(1)	5.26	5.26	5.26	5.26	5.26	5.26	5.16	5.36
Aroclor-1260-2	(2)	5.45	5.45	5.45	5.45	5.45	5.45	5.35	5.55
Aroclor-1260-3	(3)	5.59	5.59	5.59	5.59	5.59	5.59	5.49	5.69
Aroclor-1260-4	(4)	6.05	6.05	6.05	6.05	6.05	6.05	5.95	6.15
Aroclor-1260-5	(5)	6.30	6.30	6.30	6.30	6.30	6.30	6.20	6.40
Decachlorobiphenyl		7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Tetrachloro-m-xylene		2.83	2.83	2.83	2.83	2.83	2.83	2.73	2.93
Aroclor-1242-1	(1)	3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94
Aroclor-1242-2	(2)	3.85	3.85	3.85	3.85	3.85	3.85	3.75	3.95
Aroclor-1242-3	(3)	4.01	4.02	4.01	4.02	4.01	4.01	3.91	4.11
Aroclor-1242-4	(4)	4.10	4.10	4.10	4.10	4.10	4.10	4.00	4.20
Aroclor-1242-5	(5)	4.60	4.60	4.60	4.60	4.60	4.60	4.50	4.70
Decachlorobiphenyl		7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Tetrachloro-m-xylene		2.83	2.83	2.83	2.83	2.83	2.83	2.73	2.93
Aroclor-1248-1	(1)	3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94
Aroclor-1248-2	(2)	4.06	4.06	4.06	4.06	4.06	4.06	3.96	4.16
Aroclor-1248-3	(3)	4.10	4.10	4.10	4.10	4.10	4.10	4.00	4.20
Aroclor-1248-4	(4)	4.26	4.26	4.26	4.26	4.26	4.26	4.16	4.36
Aroclor-1248-5	(5)	4.64	4.64	4.64	4.64	4.64	4.64	4.54	4.74
Decachlorobiphenyl		7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Tetrachloro-m-xylene		2.83	2.83	2.83	2.83	2.83	2.83	2.73	2.93
Aroclor-1254-1	(1)	4.60	4.60	4.60	4.60	4.60	4.60	4.50	4.70
Aroclor-1254-2	(2)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1254-3	(3)	5.13	5.13	5.13	5.13	5.13	5.13	5.03	5.23
Aroclor-1254-4	(4)	5.36	5.36	5.36	5.36	5.35	5.36	5.26	5.46
Aroclor-1254-5	(5)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Decachlorobiphenyl		7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Tetrachloro-m-xylene		2.83	2.83	2.83	2.83	2.83	2.83	2.73	2.93
Aroclor-1268-1	(1)	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Aroclor-1268-2	(2)	6.64	6.64	6.64	6.64	6.64	6.64	6.54	6.74
Aroclor-1268-3	(3)	6.84	6.84	6.84	6.84	6.84	6.84	6.74	6.94
Aroclor-1268-4	(4)	7.13	7.13	7.13	7.13	7.13	7.13	7.03	7.23
Aroclor-1268-5	(5)	7.40	7.40	7.39	7.40	7.39	7.40	7.30	7.50

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Decachlorobiphenyl	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Tetrachloro-m-xylene	2.83	2.83	2.83	2.83	2.83	2.83	2.73	2.93