

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

Lab Code: CHEM Case No.: Q1370 SAS No.: Q1370 SDG NO.: Q1370

Instrument ID: ECD_R Date(s) Analyzed: 02/24/2025 02/24/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	100	1	3.85	3.78	3.92	15283700
		2	3.93	3.86	4.00	10968600
		3	4.01	3.94	4.08	34355400
		4	0.00			0
		5	0.00			0
Aroclor-1232	100	1	4.01	3.94	4.08	28227400
		2	4.56	4.49	4.63	14820900
		3	4.86	4.79	4.93	23438500
		4	5.03	4.96	5.10	11639500
		5	5.14	5.07	5.21	8919930
Aroclor-1242	100	1	4.84	4.77	4.91	27905800
		2	4.87	4.80	4.94	43703600
		3	4.93	4.86	5.00	28628500
		4	5.03	4.96	5.10	22601200
		5	5.82	5.75	5.89	17848800
Aroclor-1248	100	1	4.84	4.77	4.91	21366300
		2	5.13	5.06	5.20	36163900
		3	5.35	5.28	5.42	42060100
		4	5.78	5.71	5.85	32257700
		5	5.82	5.75	5.89	32736700
Aroclor-1254	100	1	5.75	5.68	5.82	45408200
		2	5.99	5.92	6.06	66022900
		3	6.38	6.31	6.45	60399100
		4	6.69	6.62	6.76	32330300
		5	7.15	7.08	7.22	36797800
Aroclor-1262	100	1	7.23	7.16	7.30	61983700
		2	7.82	7.75	7.89	77081700
		3	8.12	8.05	8.19	58103500
		4	8.21	8.14	8.28	48098800
		5	8.83	8.76	8.90	22320000
Aroclor-1268	100	1	8.12	8.05	8.19	110326000
		2	8.21	8.14	8.28	98010000
		3	8.42	8.35	8.49	90866600
		4	8.83	8.76	8.90	25172800
		5	9.21	9.14	9.28	236711000

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Lab Code: CHEM **Case No.:** Q1370 **SAS No.:** Q1370 **SDG NO.:** Q1370

Instrument ID: ECD_R **Date(s) Analyzed:** 02/24/2025 02/24/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	100	1	3.18	3.11	3.25	80131500
		2	3.27	3.20	3.34	55222600
		3	3.34	3.27	3.41	179521000
		4	0.00			0
		5	0.00			0
Aroclor-1232	100	1	3.34	3.27	3.41	144473000
		2	4.09	4.02	4.16	123675000
		3	4.27	4.20	4.34	63474000
		4	4.36	4.29	4.43	61630200
		5	4.54	4.47	4.61	65007100
Aroclor-1242	100	1	4.07	4.00	4.14	149132000
		2	4.09	4.02	4.16	224781000
		3	4.27	4.20	4.34	120407000
		4	4.36	4.29	4.43	129464000
		5	4.91	4.84	4.98	130088000
Aroclor-1248	100	1	4.07	4.00	4.14	113981000
		2	4.32	4.25	4.39	192093000
		3	4.36	4.29	4.43	190861000
		4	4.54	4.47	4.61	221705000
		5	4.95	4.88	5.02	159412000
Aroclor-1254	100	1	4.91	4.84	4.98	299781000
		2	5.07	5.00	5.14	259185000
		3	5.49	5.42	5.56	347316000
		4	5.74	5.67	5.81	149763000
		5	6.19	6.12	6.26	269950000
Aroclor-1262	100	1	6.23	6.16	6.30	338001000
		2	6.77	6.70	6.84	479878000
		3	7.08	7.01	7.15	210798000
		4	7.15	7.08	7.22	367956000
		5	7.69	7.62	7.76	145377000
Aroclor-1268	100	1	7.08	7.01	7.15	632023000
		2	7.15	7.08	7.22	572180000
		3	7.37	7.30	7.44	536416000
		4	7.69	7.62	7.76	159935000
		5	7.98	7.91	8.05	1443530000