

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2581

Instrument ID: ECD_Q Date(s) Analyzed: 07/14/2025 07/14/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	100	1	3.60	3.53	3.67	78176000
		2	3.68	3.61	3.75	58801800
		3	3.74	3.67	3.81	186951000
		4	0.00			0
		5	0.00			0
Aroclor-1232	100	1	3.74	3.67	3.81	151507000
		2	4.23	4.16	4.30	80561000
		3	4.50	4.43	4.57	154252000
		4	4.65	4.58	4.72	74088600
		5	4.75	4.68	4.82	50052000
Aroclor-1242	100	1	4.49	4.42	4.56	176225000
		2	4.50	4.43	4.57	268859000
		3	4.56	4.49	4.63	167429000
		4	4.65	4.58	4.72	132807000
		5	5.36	5.29	5.43	136170000
Aroclor-1248	100	1	4.48	4.41	4.55	143674000
		2	4.75	4.68	4.82	208002000
		3	4.94	4.87	5.01	251375000
		4	5.32	5.25	5.39	263288000
		5	5.36	5.29	5.43	258359000
Aroclor-1254	100	1	5.30	5.23	5.37	265965000
		2	5.51	5.44	5.58	411435000
		3	5.82	5.75	5.89	96710700
		4	6.14	6.07	6.21	307529000
		5	6.55	6.48	6.62	350040000
Aroclor-1262	100	1	6.85	6.78	6.92	366508000
		2	7.15	7.08	7.22	656558000
		3	7.43	7.36	7.50	437972000
		4	7.50	7.43	7.57	335242000
		5	7.99	7.92	8.06	213697000
Aroclor-1268	100	1	7.42	7.35	7.49	779451000
		2	7.50	7.43	7.57	715291000
		3	7.68	7.61	7.75	581485000
		4	7.99	7.92	8.06	243420000
		5	8.28	8.21	8.35	1631140000

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Instrument ID: ECD_Q Date(s) Analyzed: 07/14/2025 07/14/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	100	1	2.98	2.91	3.05	83491200
		2	3.06	2.99	3.13	69326500
		3	3.13	3.06	3.20	228942000
		4	0.00			0
		5	0.00			0
Aroclor-1232	100	1	3.13	3.06	3.20	189143000
		2	3.80	3.73	3.87	186838000
		3	3.96	3.89	4.03	102009000
		4	4.04	3.97	4.11	86923200
		5	4.20	4.13	4.27	102575000
Aroclor-1242	100	1	3.78	3.71	3.85	219458000
		2	3.80	3.73	3.87	331920000
		3	3.96	3.89	4.03	182355000
		4	4.04	3.97	4.11	174758000
		5	4.54	4.47	4.61	224432000
Aroclor-1248	100	1	3.78	3.71	3.85	180828000
		2	4.01	3.94	4.08	284359000
		3	4.04	3.97	4.11	290525000
		4	4.20	4.13	4.27	375449000
		5	4.58	4.51	4.65	305712000
Aroclor-1254	100	1	4.54	4.47	4.61	484593000
		2	4.68	4.61	4.75	437559000
		3	5.07	5.00	5.14	681243000
		4	5.29	5.22	5.36	403743000
		5	5.70	5.63	5.77	629738000
Aroclor-1262	100	1	5.74	5.67	5.81	630634000
		2	5.99	5.92	6.06	599833000
		3	6.51	6.44	6.58	494223000
		4	6.57	6.50	6.64	868332000
		5	7.06	6.99	7.13	408706000
Aroclor-1268	100	1	6.51	6.44	6.58	1319350000
		2	6.57	6.50	6.64	1218330000
		3	6.77	6.70	6.84	1036800000
		4	7.06	6.99	7.13	492591000
		5	7.32	7.25	7.39	3036930000