

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ALWA01

Lab Code: ACE SDG NO.: Q3157

Instrument ID: ECD_Q Date(s) Analyzed: 09/10/2025 09/10/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.60	3.50	3.70	73583000
		2	3.67	3.57	3.77	53607200
		3	3.74	3.64	3.84	164776000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.74	3.64	3.84	139541000
		2	4.23	4.13	4.33	76545600
		3	4.50	4.40	4.60	143361000
		4	4.65	4.55	4.75	71581800
		5	4.79	4.69	4.89	58058800
Aroclor-1242	500	1	4.48	4.38	4.58	153736000
		2	4.50	4.40	4.60	239394000
		3	4.56	4.46	4.66	148875000
		4	4.65	4.55	4.75	122996000
		5	5.35	5.25	5.45	131960000
Aroclor-1248	500	1	4.48	4.38	4.58	114564000
		2	4.75	4.65	4.85	163521000
		3	4.93	4.83	5.03	195642000
		4	5.32	5.22	5.42	216178000
		5	5.35	5.25	5.45	218454000
Aroclor-1254	500	1	5.29	5.19	5.39	233600000
		2	5.51	5.41	5.61	356936000
		3	5.86	5.76	5.96	379036000
		4	6.14	6.04	6.24	268916000
		5	6.54	6.44	6.64	299682000
Aroclor-1262	500	1	6.84	6.74	6.94	335152000
		2	7.15	7.05	7.25	598030000
		3	7.42	7.32	7.52	400594000
		4	7.49	7.39	7.59	316470000
		5	7.99	7.89	8.09	196386000
Aroclor-1268	500	1	7.42	7.32	7.52	683958000
		2	7.50	7.40	7.60	631224000
		3	7.68	7.58	7.78	519272000
		4	7.99	7.89	8.09	219222000
		5	8.27	8.17	8.37	1548950000

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Instrument ID: ECD_Q Date(s) Analyzed: 09/10/2025 09/10/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	2.98	2.88	3.08	89285200
		2	3.05	2.95	3.15	66946400
		3	3.12	3.02	3.22	199710000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.12	3.02	3.22	170732000
		2	3.79	3.69	3.89	173600000
		3	3.95	3.85	4.05	93349600
		4	4.04	3.94	4.14	79786600
		5	4.20	4.10	4.30	88895800
Aroclor-1242	500	1	3.78	3.68	3.88	185917000
		2	3.80	3.70	3.90	281616000
		3	3.96	3.86	4.06	156676000
		4	4.04	3.94	4.14	146056000
		5	4.54	4.44	4.64	193339000
Aroclor-1248	500	1	3.78	3.68	3.88	142809000
		2	4.00	3.90	4.10	216044000
		3	4.04	3.94	4.14	207988000
		4	4.20	4.10	4.30	255334000
		5	4.57	4.47	4.67	258582000
Aroclor-1254	500	1	4.53	4.43	4.63	397980000
		2	4.68	4.58	4.78	350238000
		3	5.06	4.96	5.16	565656000
		4	5.29	5.19	5.39	345766000
		5	5.69	5.59	5.79	524392000
Aroclor-1262	500	1	5.73	5.63	5.83	530988000
		2	5.98	5.88	6.08	497530000
		3	6.50	6.40	6.60	396588000
		4	6.56	6.46	6.66	731404000
		5	7.05	6.95	7.15	347478000
Aroclor-1268	500	1	6.50	6.40	6.60	1122920000
		2	6.56	6.46	6.66	1044050000
		3	6.76	6.66	6.86	894100000
		4	7.05	6.95	7.15	396466000
		5	7.32	7.22	7.42	2737120000