

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** EARTH03
Lab Code: ACE **SDG NO.:** Q2651
Instrument ID: ECD_Q **Date(s) Analyzed:** 07/23/2025 07/23/2025
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	107720000
		2	3.68	3.58	3.78	79968600
		3	3.75	3.65	3.85	237190000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.74	3.64	3.84	192234000
		2	4.23	4.13	4.33	102887000
		3	4.50	4.40	4.60	183998000
		4	4.65	4.55	4.75	92524800
		5	4.79	4.69	4.89	76360800
Aroclor-1262	500	1	6.84	6.74	6.94	467030000
		2	7.15	7.05	7.25	801858000
		3	7.42	7.32	7.52	531024000
		4	7.50	7.40	7.60	419894000
		5	7.99	7.89	8.09	247548000
Aroclor-1268	500	1	7.42	7.32	7.52	777450000
		2	7.50	7.40	7.60	714978000
		3	7.68	7.58	7.78	590270000
		4	7.99	7.89	8.09	245734000
		5	8.28	8.18	8.38	1726870000

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Lab Code: ACE
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Instrument ID: ECD_Q
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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	127869000
		2	3.06	2.96	3.16	99387600
		3	3.12	3.02	3.22	281312000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.12	3.02	3.22	226522000
		2	3.80	3.70	3.90	215034000
		3	3.96	3.86	4.06	117092000
		4	4.04	3.94	4.14	100788000
		5	4.20	4.10	4.30	109734000
Aroclor-1262	500	1	5.74	5.64	5.84	740084000
		2	5.99	5.89	6.09	675084000
		3	6.51	6.41	6.61	514136000
		4	6.57	6.47	6.67	930348000
		5	7.06	6.96	7.16	429938000
Aroclor-1268	500	1	6.51	6.41	6.61	1257150000
		2	6.57	6.47	6.67	1161680000
		3	6.77	6.67	6.87	1003700000
		4	7.06	6.96	7.16	437268000
		5	7.32	7.22	7.42	3015760000