

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

Lab Code: CHEM Case No.: Q1168 SAS No.: Q1168 SDG NO.: Q1168

Instrument ID: ECD_Q Date(s) Analyzed: 01/28/2025 01/28/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.61	3.51	3.71	109981000
		2	3.69	3.59	3.79	81251000
		3	3.76	3.66	3.86	235316000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.76	3.66	3.86	178876000
		2	4.24	4.14	4.34	99877200
		3	4.52	4.42	4.62	181533000
		4	4.67	4.57	4.77	93764000
		5	4.80	4.70	4.90	75148000
Aroclor-1242	500	1	4.50	4.40	4.60	199621000
		2	4.52	4.42	4.62	317672000
		3	4.58	4.48	4.68	206478000
		4	4.67	4.57	4.77	167781000
		5	5.37	5.27	5.47	171272000
Aroclor-1248	500	1	4.50	4.40	4.60	151249000
		2	4.76	4.66	4.86	220566000
		3	4.95	4.85	5.05	262320000
		4	5.34	5.24	5.44	268012000
		5	5.37	5.27	5.47	279800000
Aroclor-1254	500	1	5.31	5.21	5.41	300002000
		2	5.53	5.43	5.63	451596000
		3	5.88	5.78	5.98	466400000
		4	6.16	6.06	6.26	281824000
		5	6.57	6.47	6.67	350904000
Aroclor-1262	500	1	6.86	6.76	6.96	430500000
		2	7.17	7.07	7.27	709200000
		3	7.44	7.34	7.54	472186000
		4	7.52	7.42	7.62	385726000
		5	8.01	7.91	8.11	226812000
Aroclor-1268	500	1	7.44	7.34	7.54	826848000
		2	7.52	7.42	7.62	744508000
		3	7.70	7.60	7.80	642964000
		4	8.01	7.91	8.11	250498000
		5	8.30	8.20	8.40	1740360000

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Lab Code: CHEM **Case No.:** Q1168 **SAS No.:** Q1168 **SDG NO.:** Q1168

Instrument ID: ECD_Q **Date(s) Analyzed:** 01/28/2025 01/28/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	2.99	2.89	3.09	99024600
		2	3.06	2.96	3.16	78492000
		3	3.13	3.03	3.23	227032000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.13	3.03	3.23	176038000
		2	3.81	3.71	3.91	169999000
		3	3.97	3.87	4.07	94831200
		4	4.05	3.95	4.15	81372800
		5	4.21	4.11	4.31	92169000
Aroclor-1242	500	1	3.79	3.69	3.89	187646000
		2	3.81	3.71	3.91	287784000
		3	3.97	3.87	4.07	166666000
		4	4.05	3.95	4.15	157052000
		5	4.55	4.45	4.65	192293000
Aroclor-1248	500	1	3.79	3.69	3.89	144224000
		2	4.02	3.92	4.12	230180000
		3	4.05	3.95	4.15	221336000
		4	4.21	4.11	4.31	272368000
		5	4.59	4.49	4.69	255234000
Aroclor-1254	500	1	4.55	4.45	4.65	397902000
		2	4.70	4.60	4.80	353318000
		3	5.08	4.98	5.18	556546000
		4	5.30	5.20	5.40	304736000
		5	5.71	5.61	5.81	506758000
Aroclor-1262	500	1	5.75	5.65	5.85	551370000
		2	6.00	5.90	6.10	520838000
		3	6.52	6.42	6.62	401578000
		4	6.58	6.48	6.68	709086000
		5	7.07	6.97	7.17	328624000
Aroclor-1268	500	1	6.52	6.42	6.62	1106410000
		2	6.59	6.49	6.69	1014680000
		3	6.79	6.69	6.89	905814000
		4	7.07	6.97	7.17	342126000
		5	7.34	7.24	7.44	2580140000