

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

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

Instrument ID: ECD_R Date(s) Analyzed: 02/10/2025 02/10/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.85	3.75	3.95	13053700
		2	3.94	3.84	4.04	9763100
		3	4.01	3.91	4.11	30582800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.01	3.91	4.11	23716600
		2	4.56	4.46	4.66	12498400
		3	4.87	4.77	4.97	21624200
		4	5.03	4.93	5.13	10897500
		5	5.18	5.08	5.28	9600780
Aroclor-1242	500	1	4.84	4.74	4.94	24013600
		2	4.87	4.77	4.97	38787600
		3	4.93	4.83	5.03	25083000
		4	5.03	4.93	5.13	19427800
		5	5.82	5.72	5.92	18933900
Aroclor-1248	500	1	4.84	4.74	4.94	18167100
		2	5.14	5.04	5.24	27739000
		3	5.35	5.25	5.45	31488400
		4	5.78	5.68	5.88	30090200
		5	5.82	5.72	5.92	31777400
Aroclor-1254	500	1	5.75	5.65	5.85	36439000
		2	5.99	5.89	6.09	54118000
		3	6.38	6.28	6.48	53434600
		4	6.69	6.59	6.79	31952000
		5	7.15	7.05	7.25	38610600
Aroclor-1262	500	1	7.48	7.38	7.58	50439800
		2	7.82	7.72	7.92	75571200
		3	8.12	8.02	8.22	53366800
		4	8.21	8.11	8.31	44017600
		5	8.83	8.73	8.93	24181400
Aroclor-1268	500	1	8.12	8.02	8.22	97609800
		2	8.21	8.11	8.31	89277800
		3	8.42	8.32	8.52	79300800
		4	8.83	8.73	8.93	26640400
		5	9.21	9.11	9.31	211336000

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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	3.18	3.08	3.28	68448800
		2	3.27	3.17	3.37	51203800
		3	3.34	3.24	3.44	155690000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.34	3.24	3.44	119577000
		2	4.09	3.99	4.19	111010000
		3	4.27	4.17	4.37	57717400
		4	4.37	4.27	4.47	53067200
		5	4.54	4.44	4.64	57216600
Aroclor-1242	500	1	4.07	3.97	4.17	129325000
		2	4.09	3.99	4.19	194495000
		3	4.27	4.17	4.37	104065000
		4	4.36	4.26	4.46	102494000
		5	4.91	4.81	5.01	114591000
Aroclor-1248	500	1	4.07	3.97	4.17	96475600
		2	4.32	4.22	4.42	145091000
		3	4.37	4.27	4.47	148067000
		4	4.54	4.44	4.64	175772000
		5	4.96	4.86	5.06	150157000
Aroclor-1254	500	1	4.91	4.81	5.01	252730000
		2	5.07	4.97	5.17	217902000
		3	5.50	5.40	5.60	319186000
		4	5.74	5.64	5.84	160964000
		5	6.19	6.09	6.29	260068000
Aroclor-1262	500	1	6.23	6.13	6.33	307864000
		2	6.51	6.41	6.61	270140000
		3	7.08	6.98	7.18	196152000
		4	7.15	7.05	7.25	360428000
		5	7.69	7.59	7.79	152502000
Aroclor-1268	500	1	7.08	6.98	7.18	571502000
		2	7.15	7.05	7.25	523730000
		3	7.37	7.27	7.47	489078000
		4	7.69	7.59	7.79	171113000
		5	7.98	7.88	8.08	1387160000