

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

Lab Code: CHEM Case No.: Q1403 SAS No.: Q1403 SDG NO.: Q1403

Instrument ID: ECD_Q Date(s) Analyzed: 02/26/2025 02/26/2025

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	135534000
		2	3.68	3.61	3.75	94135000
		3	3.75	3.68	3.82	309467000
		4	0.00			0
		5	0.00			0
Aroclor-1232	100	1	3.74	3.67	3.81	236353000
		2	4.23	4.16	4.30	141901000
		3	4.50	4.43	4.57	258438000
		4	4.65	4.58	4.72	128995000
		5	4.75	4.68	4.82	87064500
Aroclor-1242	100	1	4.49	4.42	4.56	258478000
		2	4.50	4.43	4.57	441279000
		3	4.56	4.49	4.63	275485000
		4	4.65	4.58	4.72	224102000
		5	5.36	5.29	5.43	192823000
Aroclor-1248	100	1	4.49	4.42	4.56	192187000
		2	4.75	4.68	4.82	307208000
		3	4.94	4.87	5.01	363369000
		4	5.32	5.25	5.39	349118000
		5	5.36	5.29	5.43	333994000
Aroclor-1254	100	1	5.30	5.23	5.37	407117000
		2	5.51	5.44	5.58	610278000
		3	5.86	5.79	5.93	616739000
		4	6.14	6.07	6.21	365326000
		5	6.55	6.48	6.62	437672000
Aroclor-1262	100	1	6.85	6.78	6.92	564170000
		2	7.15	7.08	7.22	885559000
		3	7.42	7.35	7.49	565858000
		4	7.50	7.43	7.57	551204000
		5	7.99	7.92	8.06	264133000
Aroclor-1268	100	1	7.42	7.35	7.49	1063980000
		2	7.50	7.43	7.57	1014610000
		3	7.68	7.61	7.75	840486000
		4	7.99	7.92	8.06	307733000
		5	8.28	8.21	8.35	2215080000

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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	100	1	2.98	2.91	3.05	110098000
		2	3.06	2.99	3.13	76178800
		3	3.13	3.06	3.20	260440000
		4	0.00			0
		5	0.00			0
Aroclor-1232	100	1	3.13	3.06	3.20	199984000
		2	3.80	3.73	3.87	215804000
		3	3.96	3.89	4.03	103617000
		4	4.05	3.98	4.12	92158400
		5	4.21	4.14	4.28	109610000
Aroclor-1242	100	1	3.79	3.72	3.86	216183000
		2	3.80	3.73	3.87	381680000
		3	3.96	3.89	4.03	188370000
		4	4.05	3.98	4.12	186605000
		5	4.54	4.47	4.61	224457000
Aroclor-1248	100	1	3.79	3.72	3.86	175393000
		2	4.01	3.94	4.08	293286000
		3	4.05	3.98	4.12	279260000
		4	4.21	4.14	4.28	334690000
		5	4.58	4.51	4.65	292836000
Aroclor-1254	100	1	4.54	4.47	4.61	482328000
		2	4.69	4.62	4.76	428750000
		3	5.07	5.00	5.14	651744000
		4	5.30	5.23	5.37	335901000
		5	5.70	5.63	5.77	547591000
Aroclor-1262	100	1	5.75	5.68	5.82	641067000
		2	5.99	5.92	6.06	615038000
		3	6.52	6.45	6.59	438626000
		4	6.58	6.51	6.65	755438000
		5	7.06	6.99	7.13	351000000
Aroclor-1268	100	1	6.52	6.45	6.59	1212120000
		2	6.58	6.51	6.65	1108040000
		3	6.78	6.71	6.85	1042690000
		4	7.07	7.00	7.14	383219000
		5	7.33	7.26	7.40	2841810000