

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

Lab Code: CHEM Case No.: P3390 SAS No.: P3390 SDG NO.: P3390

Instrument ID: ECD_R Date(s) Analyzed: 08/05/2024 08/05/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.90	3.80	4.00	27485200
		2	3.99	3.89	4.09	22471200
		3	4.07	3.97	4.17	71443400
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.07	3.97	4.17	59081400
		2	4.62	4.52	4.72	29964600
		3	4.93	4.83	5.03	53910200
		4	5.09	4.99	5.19	29878000
		5	5.19	5.09	5.29	15347700
Aroclor-1242	500	1	4.90	4.80	5.00	48917800
		2	4.93	4.83	5.03	90858200
		3	4.99	4.89	5.09	62761600
		4	5.09	4.99	5.19	49907400
		5	5.88	5.78	5.98	45969800
Aroclor-1248	500	1	4.90	4.80	5.00	38381000
		2	5.19	5.09	5.29	52455400
		3	5.41	5.31	5.51	70408200
		4	5.84	5.74	5.94	74354400
		5	5.88	5.78	5.98	80724200
Aroclor-1254	500	1	5.81	5.71	5.91	71366200
		2	6.05	5.95	6.15	112235000
		3	6.44	6.34	6.54	134380000
		4	6.75	6.65	6.85	104514000
		5	7.20	7.10	7.30	124216000
Aroclor-1262	500	1	7.29	7.19	7.39	199183000
		2	7.87	7.77	7.97	433030000
		3	8.17	8.07	8.27	313128000
		4	8.26	8.16	8.36	274578000
		5	8.89	8.79	8.99	189291000
Aroclor-1268	500	1	8.17	8.07	8.27	603036000
		2	8.26	8.16	8.36	569926000
		3	8.48	8.38	8.58	555068000
		4	8.88	8.78	8.98	202562000
		5	9.27	9.17	9.37	1563880000

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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	3.24	3.14	3.34	155427000
		2	3.33	3.23	3.43	73445800
		3	3.40	3.30	3.50	323974000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.40	3.30	3.50	101289000
		2	4.16	4.06	4.26	100757000
		3	4.34	4.24	4.44	54307600
		4	4.44	4.34	4.54	49970000
		5	4.62	4.52	4.72	53172800
Aroclor-1242	500	1	4.15	4.05	4.25	152441000
		2	4.16	4.06	4.26	213844000
		3	4.35	4.25	4.45	106236000
		4	4.44	4.34	4.54	100565000
		5	4.99	4.89	5.09	156827000
Aroclor-1248	500	1	4.14	4.04	4.24	118998000
		2	4.40	4.30	4.50	188472000
		3	4.44	4.34	4.54	190610000
		4	4.62	4.52	4.72	215944000
		5	5.03	4.93	5.13	212500000
Aroclor-1254	500	1	4.99	4.89	5.09	255742000
		2	5.15	5.05	5.25	229864000
		3	5.58	5.48	5.68	360786000
		4	5.83	5.73	5.93	214902000
		5	6.28	6.18	6.38	330158000
Aroclor-1262	500	1	6.32	6.22	6.42	345428000
		2	6.86	6.76	6.96	608264000
		3	7.17	7.07	7.27	238776000
		4	7.24	7.14	7.34	444370000
		5	7.78	7.68	7.88	203682000
Aroclor-1268	500	1	7.17	7.07	7.27	738322000
		2	7.24	7.14	7.34	675130000
		3	7.47	7.37	7.57	616722000
		4	7.78	7.68	7.88	208536000
		5	8.08	7.98	8.18	1427960000