



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

Lab Code: CHEM Case No.: O3572 SAS No.: O3572 SDG NO.: O3572

Instrument ID: ECD_R Date(s) Analyzed: 08/08/2023 08/08/2023

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.91	3.81	4.01	24460600
		2	4.00	3.90	4.10	15492700
		3	4.08	3.98	4.18	60026800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.08	3.98	4.18	49665400
		2	4.63	4.53	4.73	24694800
		3	4.94	4.84	5.04	42713800
		4	5.10	5.00	5.20	21138600
		5	5.21	5.11	5.31	17390900
Aroclor-1242	500	1	4.91	4.81	5.01	55738200
		2	4.94	4.84	5.04	80280600
		3	5.00	4.90	5.10	51501800
		4	5.10	5.00	5.20	40414400
		5	5.89	5.79	5.99	42841000
Aroclor-1248	500	1	4.91	4.81	5.01	41074200
		2	5.21	5.11	5.31	60567200
		3	5.42	5.32	5.52	70128400
		4	5.85	5.75	5.95	72326600
		5	5.90	5.80	6.00	70831800
Aroclor-1254	500	1	5.83	5.73	5.93	79923800
		2	6.06	5.96	6.16	119362000
		3	6.46	6.36	6.56	118359000
		4	6.77	6.67	6.87	83239800
		5	7.22	7.12	7.32	89891600
Aroclor-1262	500	1	7.31	7.21	7.41	114796000
		2	7.89	7.79	7.99	180708000
		3	8.20	8.10	8.30	126857000
		4	8.29	8.19	8.39	100917000
		5	8.91	8.81	9.01	64426800
Aroclor-1268	500	1	8.20	8.10	8.30	216870000
		2	8.29	8.19	8.39	202476000
		3	8.51	8.41	8.61	177356000
		4	8.91	8.81	9.01	69227800
		5	9.30	9.20	9.40	508156000



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Instrument ID: ECD_R Date(s) Analyzed: 08/08/2023 08/08/2023

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	37833600
		2	3.27	3.17	3.37	36107600
		3	3.35	3.25	3.45	89948200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.35	3.25	3.45	74893200
		2	4.10	4.00	4.20	68970200
		3	4.28	4.18	4.38	37108400
		4	4.37	4.27	4.47	33861200
		5	4.55	4.45	4.65	39293400
Aroclor-1242	500	1	4.08	3.98	4.18	89965200
		2	4.10	4.00	4.20	125374000
		3	4.28	4.18	4.38	69191600
		4	4.37	4.27	4.47	68575800
		5	4.92	4.82	5.02	89529800
Aroclor-1248	500	1	4.08	3.98	4.18	66912800
		2	4.33	4.23	4.43	95827800
		3	4.37	4.27	4.47	98730400
		4	4.55	4.45	4.65	118643000
		5	4.96	4.86	5.06	119504000
Aroclor-1254	500	1	4.92	4.82	5.02	179113000
		2	5.08	4.98	5.18	156393000
		3	5.50	5.40	5.60	259640000
		4	5.75	5.65	5.85	167539000
		5	6.20	6.10	6.30	248668000
Aroclor-1262	500	1	6.24	6.14	6.34	260328000
		2	6.78	6.68	6.88	486070000
		3	7.09	6.99	7.19	198708000
		4	7.16	7.06	7.26	372270000
		5	7.69	7.59	7.79	177330000
Aroclor-1268	500	1	7.09	6.99	7.19	582332000
		2	7.16	7.06	7.26	538694000
		3	7.38	7.28	7.48	471754000
		4	7.69	7.59	7.79	197646000
		5	7.99	7.89	8.09	1496820000