

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

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

Instrument ID: ECD_Q **Calibration Date(s):** 01/28/2025 01/28/2025
Calibration Times: 11:30 14:20

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

LAB FILE ID:		CF 1000 = <u>PQ069784.D</u>		CF 750 = <u>PQ069785.D</u>				
CF 500 = <u>PQ069786.D</u>		CF 250 = <u>PQ069787.D</u>		CF 050 = <u>PQ069788.D</u>				
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	212874979	213703033	231214880	253400532	195360080	221310701	10
Aroclor-1016-2	(2)	356469824	360546704	391286770	415375056	307848340	366305339	11
Aroclor-1016-3	(3)	230960330	233599531	253645886	269726596	211850440	239956557	9
Aroclor-1016-4	(4)	184950409	187495181	203244644	216725784	161491900	190781584	11
Aroclor-1016-5	(5)	181798197	183631644	199729996	209568608	156057800	186157249	11
Aroclor-1260-1	(1)	321792394	319633611	344430960	366493408	261529680	322776011	12
Aroclor-1260-2	(2)	359080689	355292676	377968784	400352740	293029260	357144830	11
Aroclor-1260-3	(3)	282875192	282282447	304379364	317438268	223270980	282049250	13
Aroclor-1260-4	(4)	311488120	311454712	329983364	345737828	248533760	309439557	12
Aroclor-1260-5	(5)	575821174	564754189	594868180	614906376	456575600	561385104	11
Decachlorobiphenyl		4846651510	4768056373	5124299680	5267458280	3248629400	4651019049	17
Tetrachloro-m-xylene		8115660640	8096589507	8635333840	8960639720	6587782200	8079201181	11

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Calibration Times: 11:30 14:20

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

LAB FILE ID:		CF 1000 =	<u>PQ069784.D</u>	CF 750 =	<u>PQ069785.D</u>			
CF 500 =	<u>PQ069786.D</u>	CF 250 =	<u>PQ069787.D</u>	CF 050 =	<u>PQ069788.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	204936364	207428103	229005692	241781700	189498080	214529988	10
Aroclor-1016-2	(2)	334715049	335259503	361563616	386409500	302978520	344185238	9
Aroclor-1016-3	(3)	188225515	189874600	206953018	220507088	172714620	195654968	9
Aroclor-1016-4	(4)	166643568	168821192	185241098	199277512	158133120	175623298	9
Aroclor-1016-5	(5)	197886278	201244280	218895968	233982836	180446160	206491104	10
Aroclor-1260-1	(1)	363033020	365819632	384346598	410686632	321726760	369122528	9
Aroclor-1260-2	(2)	431570767	430563333	448137624	482557248	366878800	431941554	10
Aroclor-1260-3	(3)	420840197	419523929	440138524	469611144	367134180	423449595	9
Aroclor-1260-4	(4)	365238455	365451395	398116696	411643484	324238920	372937790	9
Aroclor-1260-5	(5)	807259323	803598109	863652254	883629792	702744580	812176812	9
Decachlorobiphenyl		7537007920	7567642467	7968581640	8554990120	6864820200	7698608469	8
Tetrachloro-m-xylene		7808305580	7492153640	8350800280	8193458880	6157123200	7600368316	11