

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q1859 **SAS No.:** Q1859 **SDG NO.:** Q1859

Instrument ID: ECD_O **Calibration Date(s):** 04/10/2025 04/10/2025
Calibration Times: 09:36 17:52

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

LAB FILE ID:		CF 1000 = <u>PO110349.D</u>		CF 750 = <u>PO110350.D</u>			
CF 500 = <u>PO110351.D</u>		CF 250 = <u>PO110352.D</u>		CF 050 = <u>PO110353.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	301539199	312147691	325366094	341425388	360239300	328143534 7
Aroclor-1016-2	(2)	424202495	441346851	452587054	472466840	484138100	454948268 5
Aroclor-1016-3	(3)	286857785	300177247	315792572	336640016	373170260	322527576 10
Aroclor-1016-4	(4)	227624644	238137328	247842320	261218376	270999820	249164498 7
Aroclor-1016-5	(5)	238190199	250655776	262830422	281583724	311798080	269011640 11
Aroclor-1260-1	(1)	429982139	447081743	462005040	490865312	532292280	472445303 9
Aroclor-1260-2	(2)	524274151	548276752	560001580	596374412	703195060	586424391 12
Aroclor-1260-3	(3)	446012749	466468717	482076654	511871688	557932460	492872454 9
Aroclor-1260-4	(4)	382143422	400404183	417623168	445374396	476569960	424423026 9
Aroclor-1260-5	(5)	1002895230	1031868237	1046125762	1065122080	1071346720	1043471606 3
Decachlorobiphenyl		7251274760	7526590267	7768647820	8211713920	8716546400	7894954633 7
Tetrachloro-m-xylene		8603197440	8796106920	8951138380	8737007280	8657843200	8749058644 2
Decachlorobiphenyl		7236681930	7570895773	7844756000	8188613360	8340739400	7836337293 6
Tetrachloro-m-xylene		8271521710	8776052907	8899890520	8994445160	8028934800	8594169019 5
Decachlorobiphenyl		7423367890	7666646707	8031765140	8382357480	8221484000	7945124243 5
Tetrachloro-m-xylene		8572177400	8675092440	8959183240	8875828960	7878695600	8592195528 5
Aroclor-1254-1	(1)	517202507	536393799	555537214	581626948	599185020	557989098 6
Aroclor-1254-2	(2)	450798901	468206104	477861830	506770124	524875880	485702568 6
Aroclor-1254-3	(3)	746169545	769125461	779743060	811121676	809948840	783221716 4
Aroclor-1254-4	(4)	460149954	473941677	490156778	505394424	508383480	487605263 4
Aroclor-1254-5	(5)	657635451	678198725	698380664	724566284	745718260	700899877 5
Decachlorobiphenyl		7612990370	7886723680	8142983840	8479059160	8719027400	8168156890 5
Tetrachloro-m-xylene		8665092200	8825966600	8709112240	8974669960	8357494600	8706467120 3
Decachlorobiphenyl		14008782040	14232407573	14386243640	14978905640	14264840400	14374235859 3
Tetrachloro-m-xylene		8842756020	8685831240	8461342580	8927106240	7893566400	8562120496 5

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

LAB FILE ID:		CF 1000 = <u>PO110349.D</u>		CF 750 = <u>PO110350.D</u>			
CF 500 = <u>PO110351.D</u>		CF 250 = <u>PO110352.D</u>		CF 050 = <u>PO110353.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	159213491	166153001	173161426	184455932	194563640	175509498
Aroclor-1016-2	(2)	235577328	244073360	249915638	259769828	267988640	251464959
Aroclor-1016-3	(3)	123754519	129314112	134837594	142342816	148305560	135710920
Aroclor-1016-4	(4)	100154968	106815488	112688448	121621132	130559280	114367863
Aroclor-1016-5	(5)	131736277	138471012	145266388	155239544	174656140	149073872
Aroclor-1260-1	(1)	221282381	231306280	240804372	256804492	279620260	245963557
Aroclor-1260-2	(2)	260045501	271771868	281572488	298549944	346814040	291750768
Aroclor-1260-3	(3)	243412958	253822376	261595986	277903536	317685740	270884119
Aroclor-1260-4	(4)	177247956	186943988	195746612	210913364	232348220	200640028
Aroclor-1260-5	(5)	430279301	445092429	452357666	469475868	497083160	458857685
Decachlorobiphenyl		1704536950	1791384040	1872045360	2025627840	2231357400	1924990318
Tetrachloro-m-xylene		4868987290	4975470093	5049711440	5093085920	4961663200	4989783589
Decachlorobiphenyl		1618576700	1765984867	1877839140	2017748840	2043806200	1864791149
Tetrachloro-m-xylene		4668026020	4940087107	5018557540	5112714200	4785540800	4904985133
Decachlorobiphenyl		1708281780	1752376693	1900332500	2015603280	2024700800	1880259011
Tetrachloro-m-xylene		4827908270	4873975707	5038663740	4997540000	4437882400	4835194023
Aroclor-1254-1	(1)	275528987	285381728	296386294	310788612	339409960	301499116
Aroclor-1254-2	(2)	239912515	249193828	258146844	274680708	301492780	264685335
Aroclor-1254-3	(3)	379979735	392440955	403528434	417422392	423708940	403416091
Aroclor-1254-4	(4)	215870098	222432417	229245508	238627400	242389020	229712889
Aroclor-1254-5	(5)	307722172	319481015	330728230	346867608	356659680	332291741
Decachlorobiphenyl		1672742580	1794748347	1901326780	2085791440	2132484800	1917418789
Tetrachloro-m-xylene		4865625930	4959437227	4872791400	5058078960	4761547200	4903496143
Decachlorobiphenyl		3018392240	3167067147	3278510040	3500677320	3503309000	3293591149
Tetrachloro-m-xylene		4973805090	4889835600	4772598500	5033958160	4487276800	4831494830