

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: POWE02
SDG NO.: Q2807

Calibration Date(s): 07/23/2025 07/23/2025
Calibration Times: 11:32 19:47

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

LAB FILE ID:		CF 1000 = <u>PO112414.D</u>		CF 750 = <u>PO112415.D</u>			
CF 500 = <u>PO112416.D</u>		CF 250 = <u>PO112417.D</u>		CF 050 = <u>PO112418.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	281481703	285148303	290849518	279501268	204848240	268365806
Aroclor-1016-2	(2)	418001550	431852928	433849136	420704900	326178800	406117463
Aroclor-1016-3	(3)	263638281	273794351	273610504	262887848	234438940	261673985
Aroclor-1016-4	(4)	216165184	219268720	223332708	213740540	186700200	211841470
Aroclor-1016-5	(5)	221113370	228268088	233867428	235369996	178734160	219470608
Aroclor-1260-1	(1)	431773857	450001749	476240286	447612572	391026880	439331069
Aroclor-1260-2	(2)	673380136	698254531	722944530	686506064	658383800	687893812
Aroclor-1260-3	(3)	611274773	627246767	610311884	614713140	476551180	588019549
Aroclor-1260-4	(4)	447285263	461047633	473248904	505121600	368319820	451004644
Aroclor-1260-5	(5)	1262689005	1283961461	1337121492	1347466800	964454900	1239138732
Decachlorobiphenyl		7456684020	7676252293	7829495380	7672255680	5924316000	7311800675
Tetrachloro-m-xylene		8554863660	8750848067	8754072420	8314620000	6283438800	8131568589
Decachlorobiphenyl		8000645330	8037989413	8087967020	8086832920	6389983800	7720683697
Tetrachloro-m-xylene		9125652230	9195232120	9219491440	9207437080	6341808000	8617924174
Decachlorobiphenyl		7900018490	8086308400	8195171040	8262080520	6143274400	7717370570
Tetrachloro-m-xylene		8946590960	9189061507	9273186240	9357342160	6567561400	8666748453
Aroclor-1254-1	(1)	525205609	551869540	568048078	599161796	500508140	548958633
Aroclor-1254-2	(2)	467389736	490253857	501431616	531267632	439250900	485918748
Aroclor-1254-3	(3)	736681841	765368536	778116616	788008044	653257120	744286431
Aroclor-1254-4	(4)	537295054	560529123	571244926	572391952	507057560	549703723
Aroclor-1254-5	(5)	713157717	729355651	738947588	743850736	613809420	707824222
Decachlorobiphenyl		7810644110	7988158653	8118440840	8069654680	6321650600	7661709777
Tetrachloro-m-xylene		8477893750	8928798520	9019842540	9077508800	7004909800	8501790682
Decachlorobiphenyl		14538757830	14683927053	14777305700	14801547680	10962984400	13952904533
Tetrachloro-m-xylene		8916461140	9229914440	9271431040	9355148600	6516020600	8657795164

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

LAB FILE ID:		CF 1000 = <u>PO112414.D</u>		CF 750 = <u>PO112415.D</u>			
CF 500 = <u>PO112416.D</u>		CF 250 = <u>PO112417.D</u>		CF 050 = <u>PO112418.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	171399488	177928739	180256326	179838608	165612060	175007044
Aroclor-1016-2	(2)	254283756	266059885	273532534	272267680	236331280	260495027
Aroclor-1016-3	(3)	134555314	139369485	142347070	141007248	122553240	135966471
Aroclor-1016-4	(4)	106915956	111683577	115661150	118698688	102464540	111084782
Aroclor-1016-5	(5)	139169322	144750759	147937312	152336452	132321220	143303013
Aroclor-1260-1	(1)	240286237	254043527	261134446	258041412	229050000	248511124
Aroclor-1260-2	(2)	317223235	329626419	335041102	340620804	324956000	329493512
Aroclor-1260-3	(3)	256241072	262701627	269297872	275910760	220454080	256921082
Aroclor-1260-4	(4)	185740526	193469844	197255514	200936168	179151380	191310686
Aroclor-1260-5	(5)	419199446	421594747	433075366	434815624	352283180	412193673
Decachlorobiphenyl		1753295660	1820833173	1877801640	1892185680	1491444000	1767112031
Tetrachloro-m-xylene		5169666700	5314856493	5330554580	5111206560	3919594600	4969175787
Decachlorobiphenyl		1831604040	1871840933	1924104720	1967119920	1579850400	1834904003
Tetrachloro-m-xylene		5483238770	5543459253	5573552360	5630865680	4061456200	5258514453
Decachlorobiphenyl		1836524820	1878481893	1941164520	1982063240	1517022000	1831051295
Tetrachloro-m-xylene		5362990180	5502770333	5558036420	5629888520	4177350800	5246207251
Aroclor-1254-1	(1)	308086628	324598995	339171148	360746064	310502200	328621007
Aroclor-1254-2	(2)	269579969	283423153	295499466	318260532	280690420	289490708
Aroclor-1254-3	(3)	411643535	427646563	444183030	462345912	391487940	427461396
Aroclor-1254-4	(4)	256982627	269810957	279068642	286892132	272060980	272963068
Aroclor-1254-5	(5)	324913084	333876627	346327314	357344936	307636300	334019652
Decachlorobiphenyl		1794065640	1872151533	1910898600	1948005080	1573949600	1819814091
Tetrachloro-m-xylene		5135321880	5340323933	5419556800	5524764520	4404208000	5164835027
Decachlorobiphenyl		3224484190	3300929360	3351395200	3481054400	2726789400	3216930510
Tetrachloro-m-xylene		5326223920	5511724707	5541913900	5672741280	4190979000	5248716561