

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** P5382 **SAS No.:** P5382 **SDG NO.:** P5382

Instrument ID: ECD_O **Calibration Date(s):** 12/06/2024 12/06/2024

Calibration Times: 14:19 22:34

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

LAB FILE ID:		CF 1000 =	PO108362.D	CF 750 =	PO108363.D			
CF 500 =		PO108364.D	CF 250 =	PO108365.D	CF 050 =	PO108366.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	291946997	297743768	310620664	319628964	322276700	308443419	4
Aroclor-1016-2	(2)	404548343	410201719	419086158	434302728	418957120	417419214	3
Aroclor-1016-3	(3)	276313882	283350735	295214768	305005424	303271420	292631246	4
Aroclor-1016-4	(4)	219460370	224028880	231955104	239248200	241192240	231176959	4
Aroclor-1016-5	(5)	230837381	238568924	249276722	260302648	279364560	251670047	8
Aroclor-1260-1	(1)	430087746	435401064	458150304	486996644	475087940	457144740	5
Aroclor-1260-2	(2)	526959551	526383048	555764632	590931960	578558580	555719554	5
Aroclor-1260-3	(3)	436965341	443883275	464184392	487588856	485769460	463678265	5
Aroclor-1260-4	(4)	403312630	406530869	426472890	444299896	446086500	425340557	5
Aroclor-1260-5	(5)	957132439	955503789	984649950	1000570432	961557080	971882738	2
Decachlorobiphenyl		7019975940	7102279760	7343195240	7645101200	7409935200	7304097468	3
Tetrachloro-m-xylene		8754554380	8783699800	8926447760	8858353120	8177601800	8700131372	3
Decachlorobiphenyl		7151632520	7167100640	7259242160	7695082840	7616154000	7377842432	4
Tetrachloro-m-xylene		8921368150	8691850413	8750108140	8842570400	8500038400	8741187101	2
Decachlorobiphenyl		7041971050	7340001867	7677772660	8334328560	8377267200	7754268267	8
Tetrachloro-m-xylene		8742483090	9116744787	9342439560	9446963040	8577776400	9045281375	4
Aroclor-1254-1	(1)	463230517	487037587	512031514	533861324	572040640	513640316	8
Aroclor-1254-2	(2)	407035308	429134731	452892530	476390932	511836900	455458080	9
Aroclor-1254-3	(3)	665923649	695083201	726473802	743208540	769953480	720128534	6
Aroclor-1254-4	(4)	404280854	421077525	444268156	458648100	465789400	438812807	6
Aroclor-1254-5	(5)	578915300	604639081	636092894	662542188	693421140	635122121	7
Decachlorobiphenyl		7146512650	7451889427	7845842200	8029803560	8289288000	7752667167	6
Tetrachloro-m-xylene		8916956510	9205112240	9483653100	9313097600	8995829000	9182929690	3
Decachlorobiphenyl		13116054520	12684928373	12985206200	13660251040	13550255000	13199339027	3
Tetrachloro-m-xylene		9439924600	8926085107	9366220020	9585299080	8679584000	9199422561	4

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

LAB FILE ID:		CF 1000 = <u>PO108362.D</u>		CF 750 = <u>PO108363.D</u>			
CF 500 = <u>PO108364.D</u>		CF 250 = <u>PO108365.D</u>		CF 050 = <u>PO108366.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	153895169	156728372	161981056	169073964	160692820	4
Aroclor-1016-2	(2)	216342839	218481491	224728354	232664856	218246400	3
Aroclor-1016-3	(3)	120117826	122069885	126984464	131660600	128335340	4
Aroclor-1016-4	(4)	96843518	100727947	106065160	112123848	108269060	6
Aroclor-1016-5	(5)	124135109	128707045	133919966	139473364	149819760	7
Aroclor-1260-1	(1)	220557751	224688929	233372252	247245708	244312440	5
Aroclor-1260-2	(2)	265498816	268435476	278836448	291165028	298902840	5
Aroclor-1260-3	(3)	247895049	250737920	258985508	271036448	289186460	6
Aroclor-1260-4	(4)	206205103	207830825	214807128	221847076	213061100	3
Aroclor-1260-5	(5)	485216265	483370987	491130416	498849136	461100640	3
Decachlorobiphenyl		3766442770	3798929547	3925647180	4081005080	3802565400	3
Tetrachloro-m-xylene		5125815400	5157614040	5227779180	5235220160	4600485000	5
Decachlorobiphenyl		3837824030	3881889067	3932164520	4142632320	3981873600	3
Tetrachloro-m-xylene		5175637870	5056121747	5062590080	5077379040	4694060200	4
Decachlorobiphenyl		3812249930	3973614533	4145380680	4445118560	4295672800	6
Tetrachloro-m-xylene		4965646150	5143987440	5236574340	5255843080	4633325600	5
Aroclor-1254-1	(1)	245816740	256457156	269229946	279215328	303441080	8
Aroclor-1254-2	(2)	215464605	225390397	238770420	248817564	271658880	9
Aroclor-1254-3	(3)	351887512	364509791	380441060	386791796	393925500	5
Aroclor-1254-4	(4)	202983022	209924784	220508360	226093392	228876240	5
Aroclor-1254-5	(5)	301571990	312619885	327015726	332817532	339773740	5
Decachlorobiphenyl		3941299730	4071714027	4258931580	4374402200	4331619600	4
Tetrachloro-m-xylene		5092418740	5228867107	5367266300	5227916200	4998387200	3
Decachlorobiphenyl		7216327300	6964723040	7142803680	7406390760	7194775600	2
Tetrachloro-m-xylene		5353757740	5060175947	5259788400	5326606440	4764065600	5