

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ROYF02
SDG NO.: Q3179

Calibration Date(s): 09/23/2025 09/23/2025
Calibration Times: 08:45 17:14

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

LAB FILE ID:								
CF 1000 =		PP075247.D		CF 750 =		PP075248.D		
CF 500 =		PP075249.D		CF 250 =		PP075250.D		
CF 050 =		PP075251.D						
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	42347817	45007967	46870170	50153844	56144100	48104780	11
Aroclor-1016-2	(2)	64402738	67720917	69660408	74265036	82593880	71728596	10
Aroclor-1016-3	(3)	39431965	41872236	43807668	47351972	60190040	46530776	18
Aroclor-1016-4	(4)	32893250	34833364	35556514	38336304	36563880	35636662	6
Aroclor-1016-5	(5)	31586228	33455985	34268374	37039376	32256580	33721309	6
Aroclor-1260-1	(1)	52823399	56388379	60551008	64105520	66729180	60119497	9
Aroclor-1260-2	(2)	63303692	67485644	69648556	75704048	87848060	72798000	13
Aroclor-1260-3	(3)	48177125	50964003	52841238	56234364	62508960	54145138	10
Aroclor-1260-4	(4)	52102929	55158468	56921418	59245152	59257840	56537161	5
Aroclor-1260-5	(5)	102126116	107524053	110369268	115809508	113212520	109808293	5
Decachlorobiphenyl		920246130	962712813	986576680	1032362440	1085842800	997548173	6
Tetrachloro-m-xylene		1241637260	1308534467	1312330580	1382545720	1297359400	1308481485	4
Aroclor-1242-1	(1)	36886529	39218005	41223848	44446876	46523260	41659704	9
Aroclor-1242-2	(2)	55040068	57977600	60249464	64089044	60830740	59637383	6
Aroclor-1242-3	(3)	34279044	36622237	38652038	41896284	50681480	40426217	16
Aroclor-1242-4	(4)	28461551	29972721	31322910	33558448	33854640	31434054	7
Aroclor-1242-5	(5)	31568865	33442463	35656256	39523980	35586800	35155673	8
Decachlorobiphenyl		926627030	968517160	1003394580	1047152200	937997000	976737594	5
Tetrachloro-m-xylene		1236238500	1295575613	1320312660	1382228640	1251655600	1297202203	4
Aroclor-1248-1	(1)	29172565	31397577	32249970	33755340	31223340	31559758	5
Aroclor-1248-2	(2)	39359802	41783284	43459792	45079104	47158200	43368036	7
Aroclor-1248-3	(3)	44196144	46704360	48478236	50173996	49240700	47758687	5
Aroclor-1248-4	(4)	53562132	56623921	59266248	61341900	64765060	59111852	7
Aroclor-1248-5	(5)	51867384	54812452	57671502	61547912	69597980	59099446	12
Decachlorobiphenyl		936214370	980173387	1009425800	1018487400	982414600	985343111	3
Tetrachloro-m-xylene		1235222620	1285172653	1318552840	1328682760	1313272800	1296180735	3
Aroclor-1254-1	(1)	61475917	62734304	65986682	62998532	67924500	64223987	4
Aroclor-1254-2	(2)	77552440	82328021	86739650	88146820	94902000	85933786	8
Aroclor-1254-3	(3)	82845377	87949261	92224268	94074964	105017660	92422306	9
Aroclor-1254-4	(4)	64880438	68693089	72666206	72469616	78036900	71349250	7
Aroclor-1254-5	(5)	77310574	81941501	85874638	85948608	77961320	81807328	5
Decachlorobiphenyl		940196120	995283773	1040085460	1002732880	956220600	986903767	4
Tetrachloro-m-xylene		1243265480	1304021133	1335815700	1326930840	1339353000	1309877231	3
Aroclor-1268-1	(1)	152883178	159692704	169160672	171922300	156133040	161958379	5

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Aroclor-1268-2	(2)	141133811	146979519	155825750	156513748	141348060	148360178	5
Aroclor-1268-3	(3)	118887581	123478560	131058116	130049472	116969640	124088674	5
Aroclor-1268-4	(4)	55874289	58464284	61978114	60989252	60829860	59627160	4
Aroclor-1268-5	(5)	373677572	388367939	407123198	405183456	366620440	388194521	5
Decachlorobiphenyl		1657406580	1735675800	1838831580	1851125440	1610932200	1738794320	6
Tetrachloro-m-xylene		1279137450	1334222493	1390576680	1375184440	1232599000	1322344013	5

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Calibration Date(s): 09/23/2025 09/23/2025
Calibration Times: 08:45 17:14

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

LAB FILE ID: CF 1000 = <u>PP075247.D</u> CF 750 = <u>PP075248.D</u> CF 500 = <u>PP075249.D</u> CF 250 = <u>PP075250.D</u> CF 050 = <u>PP075251.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	550669557	575041595	570968608	557638892	550748680	2
Aroclor-1016-2	(2)	253692272	266987116	261503738	252594292	250233300	3
Aroclor-1016-3	(3)	139883237	146298759	147016140	140568364	202575320	17
Aroclor-1016-4	(4)	139175266	149989423	152767546	146969012	145938660	3
Aroclor-1016-5	(5)	157135257	166127832	167159970	171673236	154814600	4
Aroclor-1260-1	(1)	389924896	398807288	400126940	426602072	414215600	4
Aroclor-1260-2	(2)	565343775	583502056	582903442	580470456	566929720	2
Aroclor-1260-3	(3)	422351862	433041807	427033404	426203564	431794540	1
Aroclor-1260-4	(4)	428778820	432299260	434882920	423190072	436968900	1
Aroclor-1260-5	(5)	1056009939	1104491933	1106785704	1094138908	898515660	8
Decachlorobiphenyl		6122260390	6260409867	6205942400	6354732320	5219165200	8
Tetrachloro-m-xylene		6636388100	6400989987	6258078260	6278037480	4930931000	11
Aroclor-1242-1	(1)	472236904	485846165	486239260	487321948	403955360	8
Aroclor-1242-2	(2)	217510086	216447451	216513930	219383960	174933800	9
Aroclor-1242-3	(3)	123250580	122980740	121647250	125144732	116794760	3
Aroclor-1242-4	(4)	159270704	162580923	163635768	175639772	134330060	10
Aroclor-1242-5	(5)	192075351	196719551	194226854	201700156	188695940	3
Decachlorobiphenyl		6210283890	6223405693	6336701840	6098511680	5039253200	9
Tetrachloro-m-xylene		6371057840	6261042827	6076223420	6032393800	4834060000	10
Aroclor-1248-1	(1)	313001525	314287516	316712298	313219832	245110400	10
Aroclor-1248-2	(2)	194621063	204942157	200519274	206042640	206270120	2
Aroclor-1248-3	(3)	238833016	244338553	263622092	258775616	243161480	4
Aroclor-1248-4	(4)	233390044	236006324	231247510	230022068	233051700	1
Aroclor-1248-5	(5)	417516536	433645501	453462226	437040196	301192600	15
Decachlorobiphenyl		6280619880	6334319187	6392002300	6030990520	5377561400	7
Tetrachloro-m-xylene		6342135760	6351132560	6173502940	5553544360	4399164000	14
Aroclor-1254-1	(1)	503004292	535011767	531987056	521951800	402057780	11
Aroclor-1254-2	(2)	378219544	403583375	399300676	392234176	422583680	4
Aroclor-1254-3	(3)	715208754	722755991	718569236	662347256	504737840	14
Aroclor-1254-4	(4)	505627774	538597859	544931308	492275784	386803020	13
Aroclor-1254-5	(5)	551845651	631515513	645579268	578311224	446211920	14
Decachlorobiphenyl		6237706050	6279124973	6507474640	6157241280	5410407600	7
Tetrachloro-m-xylene		6240840860	6469002347	6413333980	5502278160	4576318000	14
Aroclor-1268-1	(1)	1460168699	1513699808	1559348234	1460709316	1219243940	9

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Aroclor-1268-2	(2)	1471677824	1500245056	1520481630	1382554016	1099105140	1394812733	12
Aroclor-1268-3	(3)	1142468076	1153335345	1195510260	1093929288	869367940	1090922182	12
Aroclor-1268-4	(4)	470517486	472924412	482908940	460922856	362513880	449957515	11
Aroclor-1268-5	(5)	3043336629	3184766664	3278330982	3285110680	2399968480	3038302687	12
Decachlorobiphenyl		12094690940	12187875973	12233092380	12124440600	9791304400	11686280859	9
Tetrachloro-m-xylene		6567329620	6628773733	6640722000	6057317560	4103278800	5999484343	18