

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TULL02
SDG NO.: Q3790

Calibration Date(s): 11/21/2025 11/21/2025
Calibration Times: 10:44 19:39

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

LAB FILE ID:		CF 1000 = <u>PP076599.D</u>		CF 750 = <u>PP076600.D</u>			
CF 500 = <u>PP076601.D</u>		CF 250 = <u>PP076602.D</u>		CF 050 = <u>PP076603.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	57708593	60284011	62720674	70146056	86715180	67514903
Aroclor-1016-2	(2)	87370224	91866497	94863778	106525840	123912700	100907808
Aroclor-1016-3	(3)	55014048	58179041	60501046	68146480	83131840	64994491
Aroclor-1016-4	(4)	45866425	48590819	50075960	56156272	67027420	53543379
Aroclor-1016-5	(5)	44467962	47019184	48926274	54576040	62856580	51569208
Aroclor-1260-1	(1)	73805780	77143584	80863582	91288048	111181860	86856571
Aroclor-1260-2	(2)	87101421	91325823	95770194	107029868	135552320	103355925
Aroclor-1260-3	(3)	68153614	71731653	74556476	83896084	103586280	80384821
Aroclor-1260-4	(4)	80664425	84387037	87985074	97767224	117554160	93671584
Aroclor-1260-5	(5)	148193731	153678800	158669232	175972884	213566900	170016309
Decachlorobiphenyl		1308548090	1363697893	1416143240	1583148160	1821861400	1498679757
Tetrachloro-m-xylene		1632622270	1686884480	1742740480	1876774200	2238526800	1835509646
Aroclor-1242-1	(1)	46820088	49495555	51408518	51802020	60136760	51932588
Aroclor-1242-2	(2)	69927193	74300271	78434750	76478716	89342220	77696630
Aroclor-1242-3	(3)	44603953	47284257	49953000	49585884	60152920	50316003
Aroclor-1242-4	(4)	36970364	39006845	41279374	41298156	49350320	41581012
Aroclor-1242-5	(5)	40380815	43273208	45507256	47172540	54801840	46227132
Decachlorobiphenyl		1250955220	1331366640	1381877340	1379254120	1600423400	1388775344
Tetrachloro-m-xylene		1571806280	1652818307	1692613960	1639542200	1904693000	1692294749
Aroclor-1248-1	(1)	36073269	37934815	40711200	44451532	43127200	40459603
Aroclor-1248-2	(2)	50000146	52867352	55993870	61932632	61150200	56388840
Aroclor-1248-3	(3)	55566335	58034408	62017348	68318008	67641780	62315576
Aroclor-1248-4	(4)	64403994	67793604	72096762	81581836	84852220	74145683
Aroclor-1248-5	(5)	63599425	66649801	71757734	83225952	78337200	72714022
Decachlorobiphenyl		1249447780	1292070840	1384857840	1528460280	1423697000	1375706748
Tetrachloro-m-xylene		1574270000	1618772787	1673222680	1811616160	1785283000	1692632925
Aroclor-1254-1	(1)	71656435	73094801	76839598	83916248	95588240	80219064
Aroclor-1254-2	(2)	95196281	100474461	108389070	119616740	139960620	112727434
Aroclor-1254-3	(3)	102399354	107941216	115149900	126570796	148664480	120145149
Aroclor-1254-4	(4)	78180335	82150911	87972230	96257768	106029800	90118209
Aroclor-1254-5	(5)	84891224	89223744	94355464	99145184	116356540	96794431
Decachlorobiphenyl		1271379670	1353876560	1432914580	1578042720	1693770400	1465996786
Tetrachloro-m-xylene		1587463770	1656217453	1731172560	1831394240	1978188800	1756887365
Aroclor-1268-1	(1)	185284719	196773012	206651882	228623276	257246740	214915926

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Aroclor-1268-2	(2)	174556125	185120223	194982316	214398960	237120540	201235633	12
Aroclor-1268-3	(3)	144029935	152659056	161257230	178389696	194435320	166154247	12
Aroclor-1268-4	(4)	72720190	77125884	81820048	89236340	95590360	83298564	10
Aroclor-1268-5	(5)	445375962	467824043	486648804	530281216	591465460	504319097	11
Decachlorobiphenyl		2103145540	2229946733	2356050020	2605971520	2869837800	2432990323	13
Tetrachloro-m-xylene		1592145550	1682577760	1746782760	1859352840	2045449600	1785261702	10

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Calibration Times: 10:44 19:39

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

LAB FILE ID:		CF 1000 = <u>PP076599.D</u>		CF 750 = <u>PP076600.D</u>			
CF 500 = <u>PP076601.D</u>		CF 250 = <u>PP076602.D</u>		CF 050 = <u>PP076603.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	69284330	70804845	71449300	76694208	87621040	9
Aroclor-1016-2	(2)	104122902	106337112	106728386	113977468	124797320	7
Aroclor-1016-3	(3)	53613162	55061171	55762260	59522960	65859300	8
Aroclor-1016-4	(4)	41823980	43401780	44668820	48687932	55170840	11
Aroclor-1016-5	(5)	55742749	57230741	58964166	64122844	73641320	11
Aroclor-1260-1	(1)	99306847	101128783	103836720	111650784	129586700	11
Aroclor-1260-2	(2)	121008321	123078656	126124030	136041204	158654880	11
Aroclor-1260-3	(3)	113883356	115970629	117487594	125714324	146413640	10
Aroclor-1260-4	(4)	96232422	98264441	99716326	106139636	119039280	8
Aroclor-1260-5	(5)	235694647	238382773	237905118	249801344	273831240	6
Decachlorobiphenyl		1631798890	1658457733	1674372880	1797333600	2060619400	10
Tetrachloro-m-xylene		2029594040	2049794933	2020131300	2090549040	2224542800	4
Aroclor-1242-1	(1)	55846456	57386199	58152954	53306796	62776280	6
Aroclor-1242-2	(2)	82292663	85381189	86354650	80143412	87242420	3
Aroclor-1242-3	(3)	42952122	44235299	45123908	42052092	45839360	3
Aroclor-1242-4	(4)	41020216	42556281	43998486	41892464	46781360	5
Aroclor-1242-5	(5)	54892740	55577543	56552748	54423788	70165220	11
Decachlorobiphenyl		1561601020	1626952053	1628254580	1539884520	1715565200	4
Tetrachloro-m-xylene		1982565500	2020394053	2002276380	1786858880	1908073400	5
Aroclor-1248-1	(1)	41569992	42480253	44301150	47253764	44774880	5
Aroclor-1248-2	(2)	54299284	55737199	58630046	62694512	59777260	5
Aroclor-1248-3	(3)	57411768	58802539	61381284	66231484	63093400	5
Aroclor-1248-4	(4)	68531642	69993235	72796730	78273768	76330020	5
Aroclor-1248-5	(5)	72351458	74116725	87512792	87540176	99280300	12
Decachlorobiphenyl		1502488940	1528042440	1588582860	1696630800	1607749600	5
Tetrachloro-m-xylene		1965268790	1970101347	1992281480	2022502760	1786610000	5
Aroclor-1254-1	(1)	108376052	112150224	116858404	122914228	130906240	7
Aroclor-1254-2	(2)	93680624	97777644	103342076	111983640	133837560	14
Aroclor-1254-3	(3)	152849964	157484645	163154906	168476080	178969780	6
Aroclor-1254-4	(4)	96670996	100414949	103848536	107894352	110135520	5
Aroclor-1254-5	(5)	131464389	136042208	140591856	145925060	149848540	5
Decachlorobiphenyl		1541731170	1604172760	1652126120	1739157040	1816837400	7
Tetrachloro-m-xylene		1985357600	2026009013	2048265880	2040842960	1966667000	2
Aroclor-1268-1	(1)	264556427	274894625	279316682	289369552	298553780	4

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Aroclor-1268-2	(2)	240850862	249890508	253434678	261757772	266698340	254526432	4
Aroclor-1268-3	(3)	194377273	201896009	205304164	211895436	218632500	206421076	4
Aroclor-1268-4	(4)	87883512	91300353	93471410	98130748	98806800	93918565	5
Aroclor-1268-5	(5)	616587385	634409216	638557228	650798496	642345620	636539589	2
Decachlorobiphenyl		2670092970	2765280333	2823888140	2956250080	3086571200	2860416545	6
Tetrachloro-m-xylene		1979033710	2058080493	2057299240	2063660600	2008890000	2033392809	2