

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: EARTH03
SDG NO.: Q2818

Calibration Date(s): 08/01/2025 08/01/2025
Calibration Times: 12:05 20:28

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

LAB FILE ID:		CF 1000 =	PP074168.D	CF 750 =	PP074169.D			
CF 500 =		PP074170.D	CF 250 =	PP074171.D	CF 050 =	PP074172.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	35273925	37423669	39112938	43859036	50614460	41256806	14
Aroclor-1016-2	(2)	51795728	55199127	58347288	64689960	73676540	60741729	13
Aroclor-1016-3	(3)	33422245	35685564	37869938	42702196	48622620	39660513	14
Aroclor-1016-4	(4)	27792815	29586895	31487664	35862436	37992560	32544474	12
Aroclor-1016-5	(5)	27690329	29450228	31441930	35606544	38151200	32468046	13
Aroclor-1260-1	(1)	47709498	50888675	54142460	59119820	69919860	56356063	15
Aroclor-1260-2	(2)	56508230	60166887	63913596	71401348	88771760	68152364	18
Aroclor-1260-3	(3)	45067030	48123128	50650728	57005548	65633220	53295931	14
Aroclor-1260-4	(4)	54035441	57066597	60264502	66664376	75043960	62614975	13
Aroclor-1260-5	(5)	97992993	102942959	107738868	117332464	140517260	113304909	14
Decachlorobiphenyl		852434670	894679120	940440840	1016872040	1151380600	971161454	12
Tetrachloro-m-xylene		994587660	1038636867	1076051520	1154524400	1327726000	1118305289	12
Aroclor-1242-1	(1)	31512428	33419607	35918512	39696020	45782500	37265813	14
Aroclor-1242-2	(2)	47421171	49356251	53063334	57890692	64313200	54408930	12
Aroclor-1242-3	(3)	30290298	32076312	34724744	38188808	43399140	35735860	14
Aroclor-1242-4	(4)	25177060	26633319	28691812	30950152	34640880	29218645	12
Aroclor-1242-5	(5)	29128304	32087727	34406488	38696772	43470800	35558018	15
Decachlorobiphenyl		880786000	919506067	984418560	1056643120	1205252000	1009321149	13
Tetrachloro-m-xylene		1043240650	1075688493	1133074840	1202593000	1370780600	1165075517	11
Aroclor-1254-1	(1)	49559228	49811068	53907260	53993024	55934640	52641044	5
Aroclor-1254-2	(2)	70079706	72686637	78166692	86577056	90012700	79504558	10
Aroclor-1254-3	(3)	76495408	79340601	84479860	93420496	102844700	87316213	12
Aroclor-1254-4	(4)	57834344	59926583	63428804	69599176	68258480	63809477	8
Aroclor-1254-5	(5)	73335985	76078215	80654566	88040632	87614400	81144760	8
Decachlorobiphenyl		901613940	929059080	979122040	1057269880	1005303000	974473588	6
Tetrachloro-m-xylene		1055318110	1070331613	1114290760	1189360720	1187072000	1123274641	6

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

LAB FILE ID:		CF 1000 = <u>PP074168.D</u>		CF 750 = <u>PP074169.D</u>			
CF 500 = <u>PP074170.D</u>		CF 250 = <u>PP074171.D</u>		CF 050 = <u>PP074172.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	401748995	398824608	399912360	403735356	390215520	398887368
Aroclor-1016-2	(2)	186854426	192495525	187577416	198284052	173833620	187809008
Aroclor-1016-3	(3)	104048217	106580327	106062448	114925596	98731580	106069634
Aroclor-1016-4	(4)	102945349	106576167	111089380	109624088	115865320	109220061
Aroclor-1016-5	(5)	116097268	118066511	118643196	118883084	113126240	116963260
Aroclor-1260-1	(1)	398303416	397444124	405725820	438106428	380206020	403957162
Aroclor-1260-2	(2)	301304557	308158192	308266150	305734868	340030740	312698901
Aroclor-1260-3	(3)	408378449	417603121	404068616	383320072	357221180	394118288
Aroclor-1260-4	(4)	295359710	299954812	306136602	280781712	272663920	290979351
Aroclor-1260-5	(5)	811772813	805780147	794112086	732491376	642892660	757409816
Decachlorobiphenyl		6091085760	6145498480	6064775080	5991469080	5775302800	6013626240
Tetrachloro-m-xylene		4204747790	4209506627	3997167900	3658659200	3102045200	3834425343
Aroclor-1242-1	(1)	341272725	348537165	356175586	358260688	321457320	345140697
Aroclor-1242-2	(2)	162660327	171629959	165033416	168697644	148866940	163377657
Aroclor-1242-3	(3)	93075141	96957855	92088854	97223352	81897380	92248516
Aroclor-1242-4	(4)	117292839	116784915	126377070	120581608	116071680	119421622
Aroclor-1242-5	(5)	140731652	152438257	148354640	155481924	150793560	149560007
Decachlorobiphenyl		6182103300	6198353267	6343202860	6254049920	5638925600	6123326989
Tetrachloro-m-xylene		4380731720	4319851627	4244718880	3977934440	3138312200	4012309773
Aroclor-1254-1	(1)	384557283	361450625	385081202	377494716	322325960	366181957
Aroclor-1254-2	(2)	284389782	276601852	284135592	290728916	255228600	278216948
Aroclor-1254-3	(3)	520239168	520693099	508814756	526662268	369647720	489211402
Aroclor-1254-4	(4)	378053305	389619320	377098978	394351108	298703960	367565334
Aroclor-1254-5	(5)	425051302	410967521	398226716	393575444	298014540	385167105
Decachlorobiphenyl		6206832720	6179384467	6118770460	6279475360	4842174000	5925327401
Tetrachloro-m-xylene		4358828150	4220486587	4040036280	3680489520	2529500800	3765868267