

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Instrument ID: ECD_P **Calibration Date(s):** 09/26/2024 09/26/2024
Calibration Times: 16:35 23:51

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

LAB FILE ID:		CF 1000 = <u>PP067252.D</u>		CF 750 = <u>PP067253.D</u>			
CF 500 = <u>PP067254.D</u>		CF 250 = <u>PP067255.D</u>		CF 050 = <u>PP067256.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	44419111	47843915	48463766	51457240	46214600	47679726
Aroclor-1016-2	(2)	66273346	69936809	70695050	74503600	64800180	69241797
Aroclor-1016-3	(3)	42126964	44870201	45584096	48480564	42289060	44670177
Aroclor-1016-4	(4)	34486401	36688400	37384872	38804648	32312260	35935316
Aroclor-1016-5	(5)	35241870	36831423	36565640	40574232	35035380	36849709
Aroclor-1260-1	(1)	72804474	74636249	76976410	86724760	82770500	78782479
Aroclor-1260-2	(2)	83283968	85879869	87579650	96576876	102407900	91145653
Aroclor-1260-3	(3)	59203825	61727104	62206822	68594056	64118760	63170113
Aroclor-1260-4	(4)	71691054	72427019	74993884	82954028	75461040	75505405
Aroclor-1260-5	(5)	126425614	128097603	125670370	136734476	130449300	129475473
Decachlorobiphenyl		1428986690	1451331547	1388207880	1534539680	1455479200	1451708999
Tetrachloro-m-xylene		1320948110	1333938373	1371732600	1421719440	1272137200	1344095145
Aroclor-1242-1	(1)	32590287	35438405	35684390	39394724	34704880	35562537
Aroclor-1242-2	(2)	49525733	51136908	52275440	56483700	52175500	52319456
Aroclor-1242-3	(3)	31537636	33210816	33798564	37146508	34712320	34081169
Aroclor-1242-4	(4)	25485111	27097747	27716496	29942828	26887540	27425944
Aroclor-1242-5	(5)	27959336	29744957	29619882	31303116	30181720	29761802
Decachlorobiphenyl		1228628910	1282332080	1315551520	1436258040	1400909800	1332736070
Tetrachloro-m-xylene		1274763390	1308384813	1318477360	1378792040	1190196800	1294122881
Aroclor-1248-1	(1)	26142314	28136507	28756662	30766392	27373520	28235079
Aroclor-1248-2	(2)	40429411	43430761	45434880	48587248	44092000	44394860
Aroclor-1248-3	(3)	45010600	48345327	50727652	53116168	45420600	48524069
Aroclor-1248-4	(4)	49122151	51881811	54829062	58556964	56908720	54259742
Aroclor-1248-5	(5)	48706813	52366436	54707374	56932820	63007200	55144129
Decachlorobiphenyl		1179855010	1266318733	1362655540	1467619240	1518349400	1358959585
Tetrachloro-m-xylene		1257022680	1308333093	1315308180	1318520440	1300100000	1299856879
Aroclor-1254-1	(1)	54370186	59336697	64783254	66257520	66769100	62303351
Aroclor-1254-2	(2)	81855852	84674907	91938532	99456720	95746360	90734474
Aroclor-1254-3	(3)	85913006	89279845	95579072	101841008	96380160	93798618
Aroclor-1254-4	(4)	61059801	62216724	67990500	72965140	68987480	66643929
Aroclor-1254-5	(5)	73231896	75975464	84633810	92281900	84856400	82195894
Decachlorobiphenyl		1252633320	1291359093	1426357700	1567389680	1561818000	1419911559
Tetrachloro-m-xylene		1274651600	1302777227	1369214640	1398315920	1230485000	1315088877
Aroclor-1268-1	(1)	175908119	184905628	198548274	210006300	193282300	192530124

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Aroclor-1268-2	(2)	156842145	165093857	177267534	186684644	167072200	170592076	7
Aroclor-1268-3	(3)	135684912	143226937	158093186	164596312	151221780	150564625	8
Aroclor-1268-4	(4)	56156840	60654088	65088082	69244892	53115220	60851824	11
Aroclor-1268-5	(5)	402419786	420609543	444259204	469029060	423811480	432025815	6
Decachlorobiphenyl		1995353170	2111300013	2288684640	2485300560	2316967800	2239521237	9
Tetrachloro-m-xylene		1269582350	1281467173	1329784700	1362552800	1155860600	1279849525	6

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Instrument ID: ECD_P **Calibration Date(s):** 09/26/2024 09/26/2024

Calibration Times: 16:35 23:51

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

LAB FILE ID:		CF 1000 = <u>PP067252.D</u>		CF 750 = <u>PP067253.D</u>			
CF 500 = <u>PP067254.D</u>		CF 250 = <u>PP067255.D</u>		CF 050 = <u>PP067256.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	47507624	50065296	50596566	56447684	53276980	7
Aroclor-1016-2	(2)	67054634	70699065	70688422	75675856	71402760	4
Aroclor-1016-3	(3)	37686975	39498207	39671004	43195096	38937580	5
Aroclor-1016-4	(4)	31659913	33241739	34193378	38223664	35326760	7
Aroclor-1016-5	(5)	39859554	41288944	42279940	47109232	44012600	7
Aroclor-1260-1	(1)	76704775	76744993	79629732	88860204	87077780	7
Aroclor-1260-2	(2)	88692208	89174457	90577018	100949340	100329460	7
Aroclor-1260-3	(3)	87237954	86709761	88200132	98147496	92681860	5
Aroclor-1260-4	(4)	64325827	63516555	64916068	72170496	68474160	5
Aroclor-1260-5	(5)	143340290	143126123	140670062	152771532	148018120	3
Decachlorobiphenyl		1286582750	1372480587	1327626500	1467729840	1435706000	5
Tetrachloro-m-xylene		1462340340	1484383840	1501244320	1587440040	1435319800	4
Aroclor-1242-1	(1)	35183205	36871547	37882946	42238536	39553660	7
Aroclor-1242-2	(2)	48701033	51295347	52516600	57501448	51827220	6
Aroclor-1242-3	(3)	27626744	29298227	29834082	32375592	29468800	6
Aroclor-1242-4	(4)	28951851	31055845	32149928	35455392	33280540	8
Aroclor-1242-5	(5)	34473679	37292215	38185746	41782456	39156820	7
Decachlorobiphenyl		1192213450	1244799987	1277145640	1395684640	1393433600	7
Tetrachloro-m-xylene		1390273470	1434732867	1457949020	1541345360	1399576200	4
Aroclor-1248-1	(1)	27588187	29574940	31091976	33170676	31703540	7
Aroclor-1248-2	(2)	40345419	43286764	45479288	49885104	47841840	8
Aroclor-1248-3	(3)	42187695	45333489	47552076	51799776	49806180	8
Aroclor-1248-4	(4)	49076618	52617733	55044738	59607604	55193140	7
Aroclor-1248-5	(5)	44447724	47412072	49239092	53031592	49561920	6
Decachlorobiphenyl		1148423880	1228734080	1317796480	1434839040	1432111000	10
Tetrachloro-m-xylene		1386396710	1440109453	1444296880	1496590320	1361770200	4
Aroclor-1254-1	(1)	72410325	75156131	82001486	88732416	87005480	9
Aroclor-1254-2	(2)	65042328	67686927	74211806	81368784	78402740	9
Aroclor-1254-3	(3)	103377816	106525328	115857578	124448572	119885800	8
Aroclor-1254-4	(4)	57019875	58844723	63158998	69623192	63428600	8
Aroclor-1254-5	(5)	94217776	96861493	106044638	113458560	102765100	7
Decachlorobiphenyl		1217083410	1264809373	1392461240	1523977680	1504204800	10
Tetrachloro-m-xylene		1404767980	1441205667	1507072340	1548308360	1404292800	4
Aroclor-1268-1	(1)	185241584	194268752	208513166	215875424	203147560	6

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Aroclor-1268-2	(2)	164970336	174654029	185442450	191027352	178236640	178866161	6
Aroclor-1268-3	(3)	146694065	153538260	163846224	171430012	158826960	158867104	6
Aroclor-1268-4	(4)	60171176	63753664	68832810	72444200	57620380	64564446	9
Aroclor-1268-5	(5)	414150414	437759647	461679468	462522504	432852520	441792911	5
Decachlorobiphenyl		2014313240	2126447307	2276844760	2395709880	2294694800	2221601997	7
Tetrachloro-m-xylene		1381378820	1411462773	1475519260	1527573680	1367485400	1432683987	5