

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM Case No.: O4699 SAS No.: O4699 SDG NO.: O4699

Instrument ID: ECD_P Calibration Date(s): 09/26/2023 09/27/2023

Calibration Times: 16:50 00:11

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

LAB FILE ID: CF 1000 = <u>PP060249.D</u> CF 750 = <u>PP060250.D</u> CF 500 = <u>PP060251.D</u> CF 250 = <u>PP060252.D</u> CF 050 = <u>PP060253.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	66951827	70568653	73593024	79230432	77679580	7
Aroclor-1016-2	(2)	97076850	100308080	105793092	111082684	109404600	6
Aroclor-1016-3	(3)	59481983	62382764	66362676	71278320	67276040	7
Aroclor-1016-4	(4)	49897104	52672599	55118466	59085764	55123360	6
Aroclor-1016-5	(5)	50496962	53607731	56554262	61212316	56242200	7
Aroclor-1260-1	(1)	94500307	97501599	104481640	113292268	114348240	9
Aroclor-1260-2	(2)	108381974	112518677	118749870	129483132	135396920	9
Aroclor-1260-3	(3)	83718084	86416825	91499018	100882640	100934740	9
Aroclor-1260-4	(4)	96266074	99610949	104753236	114812068	114811780	8
Aroclor-1260-5	(5)	181809992	188298572	193606378	202781304	201108940	5
Decachlorobiphenyl		1608044220	1677469200	1775885360	1882650680	1883611800	7
Tetrachloro-m-xylene		2170138330	2225413693	2272035960	2321062000	2208852800	3
Aroclor-1242-1	(1)	58378865	60722453	64316670	69771664	66346200	7
Aroclor-1242-2	(2)	84178535	87412672	91511854	97253396	92375420	6
Aroclor-1242-3	(3)	51056367	54193436	57723802	62371180	56158420	7
Aroclor-1242-4	(4)	42813383	45571165	47818176	51603764	45723220	7
Aroclor-1242-5	(5)	48029681	47478491	51535994	54244092	50191480	5
Decachlorobiphenyl		1636930690	1681792640	1771903840	1909443560	1901668400	7
Tetrachloro-m-xylene		2194270810	2228439133	2274901720	2330140440	2213881000	2
Aroclor-1248-1	(1)	43301048	45281172	47535416	51628836	44875700	7
Aroclor-1248-2	(2)	63244300	66567568	70092006	76315144	70457040	7
Aroclor-1248-3	(3)	69492080	73197605	76926832	83326192	76805220	7
Aroclor-1248-4	(4)	75939937	79655043	83111790	89413624	85408860	6
Aroclor-1248-5	(5)	74079712	77578111	80821184	87326984	82609000	6
Decachlorobiphenyl		1641422710	1729870293	1794591080	1955095800	1922034800	7
Tetrachloro-m-xylene		2175448670	2233114760	2256728380	2329083840	2144842000	3
Aroclor-1254-1	(1)	77363532	80414836	85453164	92280908	91189000	8
Aroclor-1254-2	(2)	116886781	120509932	127044984	136609312	137080620	7
Aroclor-1254-3	(3)	124046831	126740135	132736408	140802420	140255680	6
Aroclor-1254-4	(4)	91726272	94031352	98825256	104545984	102566680	6
Aroclor-1254-5	(5)	100429072	103510907	108486900	114444688	114844360	6
Decachlorobiphenyl		1668007510	1707565520	1814342240	1946298960	1916507400	7
Tetrachloro-m-xylene		2187466330	2214762080	2260486100	2309058720	2140062600	3
Aroclor-1268-1	(1)	248771182	252914305	262589738	278135116	284090720	6



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Aroclor-1268-2	(2)	228957343	234346815	242966920	256497388	255908200	243735333	5
Aroclor-1268-3	(3)	195581485	199936680	207546496	217490824	225177000	209146497	6
Aroclor-1268-4	(4)	85131655	87806341	92775092	99704668	96495800	92382711	7
Aroclor-1268-5	(5)	622245728	616697532	640003794	659558792	627004860	633102141	3
Decachlorobiphenyl		2848905650	2923111973	3051266280	3267406640	3341141600	3086366429	7
Tetrachloro-m-xylene		2190507480	2205052933	2264230320	2314154520	2182228200	2231234691	3

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Contract: CHEM02
Lab Code: CHEM **Case No.:** 04699 **SAS No.:** 04699 **SDG NO.:** 04699
Instrument ID: ECD_P **Calibration Date(s):** 09/26/2023 09/27/2023
Calibration Times: 16:50 00:11
GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = <u>PP060249.D</u> CF 750 = <u>PP060250.D</u> CF 500 = <u>PP060251.D</u> CF 250 = <u>PP060252.D</u> CF 050 = <u>PP060253.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	53642275	56261619	59019968	62225156	59399460	6
Aroclor-1016-2	(2)	76406068	79019779	81668562	85168600	80264560	4
Aroclor-1016-3	(3)	41965956	43828660	45671136	48178552	43818640	5
Aroclor-1016-4	(4)	32893303	34716959	36718892	39149464	36439960	7
Aroclor-1016-5	(5)	44489388	46890512	49124736	52235456	50209600	6
Aroclor-1260-1	(1)	93414648	97020112	101142520	107085552	103213620	5
Aroclor-1260-2	(2)	111094468	115354524	120134568	125706068	124233400	5
Aroclor-1260-3	(3)	108403122	112105400	115826088	120263684	115874040	4
Aroclor-1260-4	(4)	90094863	93199232	96681108	100451780	95481760	4
Aroclor-1260-5	(5)	210873769	215955356	220863066	223873756	212003180	3
Decachlorobiphenyl		1541928670	1595895560	1654044820	1712127280	1651955200	4
Tetrachloro-m-xylene		1438044270	1480304680	1510414060	1542124160	1471643400	3
Aroclor-1242-1	(1)	46662785	48615029	51235076	54690052	51932700	6
Aroclor-1242-2	(2)	65832251	67939545	70712134	74451244	68286920	5
Aroclor-1242-3	(3)	36025497	37781252	39642412	41928720	37175640	6
Aroclor-1242-4	(4)	35901331	37768616	40102720	43054364	40087520	7
Aroclor-1242-5	(5)	45510455	47388613	49747068	52971636	48968120	6
Decachlorobiphenyl		1577944610	1600013213	1649670740	1722336640	1688019400	4
Tetrachloro-m-xylene		1465925110	1496258067	1525376260	1565109640	1474172200	3
Aroclor-1248-1	(1)	34425360	35822447	37483034	39616048	35121260	6
Aroclor-1248-2	(2)	48409867	50780731	53187906	57292220	51688720	6
Aroclor-1248-3	(3)	51343243	53804188	56399086	60529736	55545060	6
Aroclor-1248-4	(4)	61266531	64130729	66707884	70969832	66060700	5
Aroclor-1248-5	(5)	60862333	63076595	65136988	68520348	64015080	4
Decachlorobiphenyl		1583640170	1648495467	1684522200	1756245640	1656497400	4
Tetrachloro-m-xylene		1538489100	1576191693	1591169040	1640675280	1508667600	3
Aroclor-1254-1	(1)	93205640	96116303	99810504	105058404	100403160	5
Aroclor-1254-2	(2)	79768905	83134185	86873278	92206424	87732040	6
Aroclor-1254-3	(3)	138057086	141025908	145570918	151095648	140884000	4
Aroclor-1254-4	(4)	84198771	86094036	89187676	92643648	83691160	4
Aroclor-1254-5	(5)	122741935	125265576	128869600	134396360	122327460	4
Decachlorobiphenyl		1616772770	1636258773	1699657060	1759621360	1658308200	3
Tetrachloro-m-xylene		1537837840	1570579573	1600060240	1628568360	1495813600	3
Aroclor-1268-1	(1)	266507425	268457445	274720414	280099564	269331880	2

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Aroclor-1268-2	(2)	241075586	242298523	246996596	250411248	238589680	243874327	2
Aroclor-1268-3	(3)	210405707	210824067	215614972	220390932	212197980	213886732	2
Aroclor-1268-4	(4)	85008081	85771371	88953706	92254520	86703080	87738152	3
Aroclor-1268-5	(5)	630532348	632862856	639540164	639524036	582613700	625014621	4
Decachlorobiphenyl		2862065520	2893214800	2966809860	3043768320	2931876200	2939546940	2
Tetrachloro-m-xylene		1550002380	1555735280	1597279620	1628198960	1523269000	1570897048	3