

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02
Lab Code: CHEM **Case No.:** O2213 **SAS No.:** O2213 **SDG NO.:** O2213
Instrument ID: ECD_P **Calibration Date(s):** 04/06/2023 04/07/2023
Calibration Times: 17:37 01:03
GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = <u>PP056667.D</u> CF 750 = <u>PP056668.D</u> CF 500 = <u>PP056669.D</u> CF 250 = <u>PP056670.D</u> CF 050 = <u>PP056671.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	57800643	58736303	62024648	65016940	63414380	5
Aroclor-1016-2	(2)	84896318	86056067	89937358	93235816	91750440	4
Aroclor-1016-3	(3)	52807584	53950752	57014134	60536064	59161720	6
Aroclor-1016-4	(4)	42095519	42992167	45303648	47819868	45687500	5
Aroclor-1016-5	(5)	43634099	44840059	47160208	50902200	47898980	6
Aroclor-1260-1	(1)	77264586	78514897	82863896	85736472	82628020	4
Aroclor-1260-2	(2)	82330142	82989725	87250860	89969184	84047680	4
Aroclor-1260-3	(3)	66851051	67411900	70775612	72603204	71537260	4
Aroclor-1260-4	(4)	74430658	74610611	78059492	80614016	73781380	4
Aroclor-1260-5	(5)	127501496	126208181	130717486	130781080	117660780	4
Decachlorobiphenyl		1276493990	1288171013	1344060300	1384183280	1251614200	4
Tetrachloro-m-xylene		2144526220	2160284200	2203901320	2206706440	2027108600	3
Aroclor-1242-1	(1)	47140079	48567857	50027146	53030144	52673100	5
Aroclor-1242-2	(2)	69660192	70772841	73327940	76006216	74336000	4
Aroclor-1242-3	(3)	43150101	44544011	46051810	49125372	46222120	5
Aroclor-1242-4	(4)	34390975	35492013	36534670	38398068	35598680	4
Aroclor-1242-5	(5)	31608748	32309975	33648846	35420636	32980480	4
Decachlorobiphenyl		1258156590	1283110573	1323557860	1355153160	1263053800	3
Tetrachloro-m-xylene		2140229140	2132006853	2177295200	2165238640	1976774800	4
Aroclor-1248-1	(1)	35703560	35533963	37557738	39989872	38810920	5
Aroclor-1248-2	(2)	55294938	55574251	58858982	62966184	61776980	6
Aroclor-1248-3	(3)	60549483	60507705	64004656	67529828	65968360	5
Aroclor-1248-4	(4)	56224455	55629785	58501670	61267972	58749780	4
Aroclor-1248-5	(5)	54668352	54323045	57101564	59852988	56486840	4
Decachlorobiphenyl		1280931140	1274575387	1328018560	1340595920	1133749200	6
Tetrachloro-m-xylene		2135381420	2112107440	2130083400	2129001240	1947146000	4
Aroclor-1254-1	(1)	64572416	69013429	70800414	74484544	75658440	6
Aroclor-1254-2	(2)	93346615	97916091	101388560	106661896	107734520	6
Aroclor-1254-3	(3)	91211102	94936044	97576092	101255880	99680660	4
Aroclor-1254-4	(4)	57286264	59769475	61733626	64303940	62081500	4
Aroclor-1254-5	(5)	64797787	67064497	69025718	71199768	68624220	4
Decachlorobiphenyl		1231832230	1281262680	1295385220	1337083680	1259424400	3
Tetrachloro-m-xylene		2026950050	2117630080	2138696060	2139131040	1975328600	4
Aroclor-1268-1	(1)	185501926	188154765	188468360	194586204	174580380	4

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Aroclor-1268-2	(2)	162470066	164636392	165952368	169741320	166943140	165948657	2
Aroclor-1268-3	(3)	157035074	159419760	160936586	165741184	152522700	159131061	3
Aroclor-1268-4	(4)	46574240	47604456	47632238	48746384	41591040	46429672	6
Aroclor-1268-5	(5)	436135603	438090924	436115276	440907036	396153860	429480540	4
Decachlorobiphenyl		2196943470	2242830747	2272800840	2346980040	2135765000	2239064019	4
Tetrachloro-m-xylene		2101712600	2122059787	2119186860	2150873800	1979980800	2094762769	3

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Lab Code: CHEM Case No.: 02213 SAS No.: 02213 SDG NO.: 02213

Instrument ID: ECD_P Calibration Date(s): 04/06/2023 04/07/2023

Calibration Times: 17:37 01:03

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

LAB FILE ID: CF 1000 = <u>PP056667.D</u> CF 750 = <u>PP056668.D</u> CF 500 = <u>PP056669.D</u> CF 250 = <u>PP056670.D</u> CF 050 = <u>PP056671.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	49233559	50730153	53847490	57219236	55272040	6
Aroclor-1016-2	(2)	70744195	71676721	74855574	78712212	74777200	4
Aroclor-1016-3	(3)	38142321	39245745	41207534	43736556	38884360	6
Aroclor-1016-4	(4)	33400273	34670708	36822368	40033728	36250000	7
Aroclor-1016-5	(5)	43522032	45092389	47374536	51125496	47689360	6
Aroclor-1260-1	(1)	88684167	90514699	95971178	102066368	100982720	6
Aroclor-1260-2	(2)	96092933	97248439	103827418	109561056	109657820	6
Aroclor-1260-3	(3)	96921030	98466639	103679432	108812496	110645460	6
Aroclor-1260-4	(4)	79937994	80649055	85653390	90125816	90682480	6
Aroclor-1260-5	(5)	155254585	153818944	160706516	163346244	158189460	2
Decachlorobiphenyl		1481246350	1496961987	1586401360	1663256320	1633615600	5
Tetrachloro-m-xylene		1719651090	1746063427	1784599360	1826611440	1619017600	5
Aroclor-1242-1	(1)	40415953	41522984	43867014	46669652	42577420	6
Aroclor-1242-2	(2)	56886837	58341203	60553026	64093852	57637020	5
Aroclor-1242-3	(3)	31073871	31891405	33365482	35223704	29760800	7
Aroclor-1242-4	(4)	33891456	35243003	37391984	39972896	35677760	6
Aroclor-1242-5	(5)	37673890	38835564	40629748	43636288	38585200	6
Decachlorobiphenyl		1456266070	1503028747	1569441860	1656772280	1628408600	5
Tetrachloro-m-xylene		1696666340	1711599533	1759792340	1775947240	1616217200	4
Aroclor-1248-1	(1)	31134970	31209493	33487498	35823748	32932080	6
Aroclor-1248-2	(2)	47684429	48082236	52058316	56125356	53762100	7
Aroclor-1248-3	(3)	49937266	50277039	54355006	58484060	55354280	7
Aroclor-1248-4	(4)	58614753	57974416	62972988	65956888	63856360	6
Aroclor-1248-5	(5)	49565785	49469705	52347016	54795908	50540860	4
Decachlorobiphenyl		1502230010	1486754480	1575501620	1640899280	1501709600	4
Tetrachloro-m-xylene		1685218060	1683184493	1723025680	1750183480	1630696800	3
Aroclor-1254-1	(1)	83634670	88492751	92366102	97921768	98172700	7
Aroclor-1254-2	(2)	72701693	76923729	80507042	85931980	85782420	7
Aroclor-1254-3	(3)	114928531	120556069	124923808	130982200	126691980	5
Aroclor-1254-4	(4)	58488112	62032160	65124646	68393816	63746780	6
Aroclor-1254-5	(5)	94198824	99406071	103452854	111185180	117437620	9
Decachlorobiphenyl		1447037800	1484960520	1545179240	1621379000	1650996600	6
Tetrachloro-m-xylene		1613576630	1695378573	1731448180	1767516160	1625122600	4
Aroclor-1268-1	(1)	213989586	218265144	218412938	230099412	227647360	3

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Aroclor-1268-2	(2)	189366182	193103059	191027910	201556108	195956500	194201952	2
Aroclor-1268-3	(3)	190448873	195288107	196041464	205501516	203846640	198225320	3
Aroclor-1268-4	(4)	54916227	56408732	58057464	61648856	58180500	57842356	4
Aroclor-1268-5	(5)	504213366	507521672	508210714	520674792	498536820	507831473	2
Decachlorobiphenyl		2533047660	2598601333	2626126860	2774230240	2831978800	2672796979	5
Tetrachloro-m-xylene		1674436530	1707198253	1719581240	1762147320	1675920400	1707856749	2