

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: RMJE02
Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252
Instrument ID: ECD_O **Calibration Date(s):** 10/24/2023 10/25/2023
Calibration Times: 21:19 04:56
GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = <u>PO098876.D</u> CF 750 = <u>PO098877.D</u> CF 500 = <u>PO098878.D</u> CF 250 = <u>PO098879.D</u> CF 050 = <u>PO098880.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	49989028	52385553	55533822	59660416	57762880	7
Aroclor-1016-2	(2)	75287793	78136929	82145748	89947288	87931560	8
Aroclor-1016-3	(3)	47790640	49770840	52709266	55573040	51517080	6
Aroclor-1016-4	(4)	37181612	38653064	40933136	43845508	42603700	7
Aroclor-1016-5	(5)	39306982	41166875	43645748	46212632	41883400	6
Aroclor-1260-1	(1)	66021049	68641383	73335746	77991056	72315880	6
Aroclor-1260-2	(2)	71661854	74664931	78950758	85466964	83739600	7
Aroclor-1260-3	(3)	51485935	53851253	56122134	60003164	51602020	7
Aroclor-1260-4	(4)	59353646	61504485	64814452	68471968	59139200	6
Aroclor-1260-5	(5)	99124661	102285561	107421222	113030340	113216240	6
Decachlorobiphenyl		1060572420	1094172680	1149512640	1213102040	1146991200	5
Tetrachloro-m-xylene		1863340870	1912555627	1987468500	2115545120	2000783600	5
Aroclor-1242-1	(1)	41078299	40908460	43865588	46206632	44402180	5
Aroclor-1242-2	(2)	60714759	61098743	64536650	67340748	66545640	5
Aroclor-1242-3	(3)	39156362	39208737	41327592	42933812	38501920	5
Aroclor-1242-4	(4)	30357802	30557131	32085682	32918340	30545440	4
Aroclor-1242-5	(5)	29994844	30148920	31886564	33781628	28431080	7
Decachlorobiphenyl		1109812630	1114322200	1166545740	1204337240	1169126400	3
Tetrachloro-m-xylene		2019994980	1991865973	2074410900	2134638120	1996394800	3
Aroclor-1248-1	(1)	31777457	32523332	34676906	36206032	34679620	5
Aroclor-1248-2	(2)	49826889	50941409	54053908	57659484	49184720	7
Aroclor-1248-3	(3)	53623277	54462804	58147036	62246604	56408860	6
Aroclor-1248-4	(4)	50520624	52159307	55248342	58449360	56280540	6
Aroclor-1248-5	(5)	52013973	53440915	56603118	60721060	61251400	7
Decachlorobiphenyl		1086054700	1133076453	1184626040	1217746600	1105316800	5
Tetrachloro-m-xylene		1955781080	1958748773	2036476980	2133825680	1982762600	4
Aroclor-1254-1	(1)	59581679	63484724	66791772	70124004	69152820	7
Aroclor-1254-2	(2)	86700398	91673145	96400834	102499040	104069740	8
Aroclor-1254-3	(3)	83174823	87463687	90998546	95666728	89611540	5
Aroclor-1254-4	(4)	52127999	54872905	56652914	58665100	51598600	5
Aroclor-1254-5	(5)	63529137	66377123	69292832	71831604	65643400	5
Decachlorobiphenyl		1101048720	1154628773	1203587880	1245974320	1143081800	5
Tetrachloro-m-xylene		1961547050	2030923560	2079762860	2161116360	2046820200	4
Aroclor-1268-1	(1)	167101689	168103977	176338924	182865516	166815900	4

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Aroclor-1268-2	(2)	152357600	152774039	161189372	166770536	150879360	156794181	4
Aroclor-1268-3	(3)	135168451	136245995	143482964	148903648	137259660	140212144	4
Aroclor-1268-4	(4)	50291800	50665288	51647154	51581952	46538040	50144847	4
Aroclor-1268-5	(5)	404967365	403507273	422479914	423919200	391224200	409219590	3
Decachlorobiphenyl		1977497130	1984309573	2107507040	2162051280	2016902400	2049653485	4
Tetrachloro-m-xylene		2050076990	2059501507	2132696220	2200566000	1973434200	2083254983	4

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Instrument ID: ECD_O **Calibration Date(s):** 10/24/2023 10/25/2023
Calibration Times: 21:19 04:56
GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: <u>CF 1000 = PO098876.D</u> <u>CF 750 = PO098877.D</u> <u>CF 500 = PO098878.D</u> <u>CF 250 = PO098879.D</u> <u>CF 050 = PO098880.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	20848038	21476807	22653938	24421520	22569440	6
Aroclor-1016-2	(2)	29250389	30344203	31825358	34249576	30613680	6
Aroclor-1016-3	(3)	16140423	16801440	17580246	18205404	15936420	6
Aroclor-1016-4	(4)	13652710	14278405	15075286	15692716	13589580	6
Aroclor-1016-5	(5)	17595249	18357624	19383002	20297968	17775520	6
Aroclor-1260-1	(1)	32308121	33522716	35551462	38257024	36737720	7
Aroclor-1260-2	(2)	36729811	38142455	40451776	43264848	41843480	7
Aroclor-1260-3	(3)	35297806	36316081	38407302	40987364	38055840	6
Aroclor-1260-4	(4)	26937141	28012183	29600570	31260480	28672080	6
Aroclor-1260-5	(5)	56808823	58366176	60970486	64172044	60580720	5
Decachlorobiphenyl		495673770	516316707	540354260	576360680	553957000	6
Tetrachloro-m-xylene		689344340	701672453	724360560	762877760	720136000	4
Aroclor-1242-1	(1)	16576295	16975355	18027342	19019524	17250880	6
Aroclor-1242-2	(2)	23139688	23564864	24743812	25770584	23949760	4
Aroclor-1242-3	(3)	12830905	13112524	13651562	13557640	10950800	9
Aroclor-1242-4	(4)	13643193	13996931	14663506	14851920	13228180	5
Aroclor-1242-5	(5)	16076536	16427908	17207214	17648900	16195360	4
Decachlorobiphenyl		513404210	527070400	554094260	582361480	556529600	5
Tetrachloro-m-xylene		740657730	739800120	760391120	779292320	697594800	4
Aroclor-1248-1	(1)	12987284	13321796	14351546	15042508	13596740	6
Aroclor-1248-2	(2)	18816893	19317827	20746338	21987348	18449520	7
Aroclor-1248-3	(3)	19817774	20340991	21795184	22828792	19485020	7
Aroclor-1248-4	(4)	23267143	23894836	25736506	27167504	22851480	7
Aroclor-1248-5	(5)	20395130	21186776	22402772	23389864	21217480	5
Decachlorobiphenyl		509468510	526411933	553538980	591531280	551145600	6
Tetrachloro-m-xylene		717577670	715218520	745353940	769827640	691694400	4
Aroclor-1254-1	(1)	32900286	34580232	36230922	38690160	34765120	6
Aroclor-1254-2	(2)	29506119	31052004	32605276	34997640	31761000	6
Aroclor-1254-3	(3)	45712845	47892805	49844328	52721580	48265840	5
Aroclor-1254-4	(4)	24932607	26216301	27379304	28386360	24119540	7
Aroclor-1254-5	(5)	40119812	41800708	43737752	45233344	39882320	5
Decachlorobiphenyl		509186070	537151387	561755500	593508280	549796600	6
Tetrachloro-m-xylene		721062620	744080280	761641260	781873040	698599000	4
Aroclor-1268-1	(1)	85641137	85884300	89390656	93476344	91584500	4

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Aroclor-1268-2	(2)	76443943	76462275	79666976	83196872	79014740	78956961	4
Aroclor-1268-3	(3)	67068705	67662444	71100866	74335272	71854060	70404269	4
Aroclor-1268-4	(4)	26181713	27002827	28751574	29305536	26552960	27558922	5
Aroclor-1268-5	(5)	188411785	187030196	193925200	195546924	188233120	190629445	2
Decachlorobiphenyl		914662130	923009707	972442520	1015662840	995312200	964217879	5
Tetrachloro-m-xylene		751895500	760576613	783867520	799012040	707317600	760533855	5