

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: loui01

Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG NO.: O1232

Instrument ID: ECD_P Calibration Date(s): 01/17/2023 01/18/2023

Calibration Times: 19:14 02:39

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

LAB FILE ID: CF 1000 = <u>PP054622.D</u> CF 750 = <u>PP054623.D</u> CF 500 = <u>PP054624.D</u> CF 250 = <u>PP054625.D</u> CF 050 = <u>PP054626.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	60994757	61617163	65555438	69557608	66086960	64762385
Aroclor-1016-2	(2)	89698776	91415513	95488362	100337572	95540200	94496085
Aroclor-1016-3	(3)	55770302	57035852	60394448	64434108	60548420	59636626
Aroclor-1016-4	(4)	45481753	46113448	48521374	51105992	46383960	47521305
Aroclor-1016-5	(5)	45060833	46319016	49079426	52666764	48937780	48412764
Aroclor-1260-1	(1)	63208139	64131257	68618860	73920032	73551140	68685886
Aroclor-1260-2	(2)	73618973	74006295	78778356	85364204	88083200	79970206
Aroclor-1260-3	(3)	57002616	57349332	60308428	64600060	61936160	60239319
Aroclor-1260-4	(4)	66249620	67120772	70758598	75398920	70316000	69968782
Aroclor-1260-5	(5)	126243057	124643740	130501186	136485244	133523920	130279429
Decachlorobiphenyl		1274969720	1274505000	1355090560	1428073880	1378697600	1342267352
Tetrachloro-m-xylene		1833116560	1821365480	1874138920	1904245840	1747971400	1836167640
Aroclor-1242-1	(1)	50809135	52021196	54810186	57831004	54879600	54070224
Aroclor-1242-2	(2)	73973970	74978488	79076574	83453528	78615140	78019540
Aroclor-1242-3	(3)	46155227	47067688	50035314	53190808	49172100	49124227
Aroclor-1242-4	(4)	37578215	38537477	40276172	42845280	39110980	39669625
Aroclor-1242-5	(5)	29832252	32681105	39082358	45312016	33492960	36080138
Decachlorobiphenyl		1251041510	1273988747	1344550800	1416939680	1385203200	1334344787
Tetrachloro-m-xylene		1811405100	1815934547	1861729720	1883700080	1773088000	1829171489
Aroclor-1248-1	(1)	37607776	39006492	40780610	43090024	38634340	39823848
Aroclor-1248-2	(2)	54475652	56989927	59770636	63999452	61541340	59355401
Aroclor-1248-3	(3)	60721667	62367509	66784284	71364928	68713780	65990434
Aroclor-1248-4	(4)	62162191	63537173	66947460	71225736	70218880	66818288
Aroclor-1248-5	(5)	60838553	60991893	64904352	68877936	69476000	65017747
Decachlorobiphenyl		1247706810	1281398533	1334691060	1413445920	1382528000	1331954065
Tetrachloro-m-xylene		1778703180	1796466640	1840391920	1855036880	1716680200	1797455764
Aroclor-1254-1	(1)	64876069	67358152	70187782	76230944	74744580	70679505
Aroclor-1254-2	(2)	79306440	82003113	93891248	112648900	110718960	95713732
Aroclor-1254-3	(3)	81892178	84489736	87129344	93066756	87230040	86761611
Aroclor-1254-4	(4)	58248595	60618040	62943304	67757892	63676880	62648942
Aroclor-1254-5	(5)	64415099	66907195	69281020	74033684	75257760	69978952
Decachlorobiphenyl		1254664020	1300116533	1341785500	1428088760	1371493400	1339229643
Tetrachloro-m-xylene		1792448220	1818331987	1827797180	1888829640	1734829400	1812447285
Aroclor-1268-1	(1)	175484193	178569517	187137462	192825248	188148800	184433044

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Aroclor-1268-2	(2)	160551159	163997384	171189930	177103064	174642720	169496851	4
Aroclor-1268-3	(3)	140670488	143555869	150787190	155460048	154331920	148961103	4
Aroclor-1268-4	(4)	62374308	64150585	66875200	68369584	61005440	64555023	5
Aroclor-1268-5	(5)	472850074	479426876	492048528	498177556	470558160	482612239	3
Decachlorobiphenyl		2241360920	2290810347	2403495460	2504350200	2478617600	2383726905	5
Tetrachloro-m-xylene		1820885660	1841071600	1902207260	1899803000	1713261200	1835445744	4

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Calibration Times: 19:14 02:39

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

LAB FILE ID: CF 1000 = <u>PP054622.D</u> CF 750 = <u>PP054623.D</u> CF 500 = <u>PP054624.D</u> CF 250 = <u>PP054625.D</u> CF 050 = <u>PP054626.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	48110900	48110107	50537560	54617184	50472120	5
Aroclor-1016-2	(2)	69111880	69642880	72798372	74770824	70622940	3
Aroclor-1016-3	(3)	37563855	37764157	39734264	41695432	37909600	5
Aroclor-1016-4	(4)	31567046	32159183	34386044	36537740	35170860	6
Aroclor-1016-5	(5)	41182153	41787627	44073134	47148696	44877720	6
Aroclor-1260-1	(1)	79365232	78844829	83633318	87879524	85377440	5
Aroclor-1260-2	(2)	88933725	87782645	92805916	97339284	93364340	4
Aroclor-1260-3	(3)	87602101	86249311	91183270	94760696	89598560	4
Aroclor-1260-4	(4)	73956541	72106947	75886624	78959280	75422320	3
Aroclor-1260-5	(5)	159388878	153900888	160536508	163728940	156965120	2
Decachlorobiphenyl		1372404250	1343669640	1421472540	1500508000	1522245600	5
Tetrachloro-m-xylene		1613419820	1600019107	1643383900	1655624320	1491050200	4
Aroclor-1242-1	(1)	39381881	40399891	43176434	45114300	42876980	5
Aroclor-1242-2	(2)	56142526	57034204	59998510	63074588	57331580	5
Aroclor-1242-3	(3)	30728980	31194883	32930514	34323884	31213980	5
Aroclor-1242-4	(4)	32535838	33258647	35808658	37654476	36175940	6
Aroclor-1242-5	(5)	36257488	36521681	38439862	40852864	37981200	5
Decachlorobiphenyl		1315958030	1336503627	1397426220	1474809520	1523899200	6
Tetrachloro-m-xylene		1598557950	1600123813	1632195220	1649415280	1503535600	4
Aroclor-1248-1	(1)	29968083	30528827	32630110	33078996	30239600	5
Aroclor-1248-2	(2)	42656411	46196937	48804598	52134512	50261680	8
Aroclor-1248-3	(3)	47442287	48618009	51003946	54494984	52529060	6
Aroclor-1248-4	(4)	58144594	56358249	59692022	62643004	60418260	4
Aroclor-1248-5	(5)	51788530	48406688	51046562	52821868	49982340	3
Decachlorobiphenyl		1312777750	1324791253	1399268980	1478112400	1469837800	6
Tetrachloro-m-xylene		1568868510	1578596160	1614623820	1618825400	1470404000	4
Aroclor-1254-1	(1)	79431366	81682171	83681748	89732044	90578220	6
Aroclor-1254-2	(2)	68328243	70260385	72293666	77989120	74967820	5
Aroclor-1254-3	(3)	107725360	111793424	114278880	119519708	112560740	4
Aroclor-1254-4	(4)	58850995	61251233	63196410	66474456	61431200	5
Aroclor-1254-5	(5)	90585374	93603605	94943324	100286216	94427640	4
Decachlorobiphenyl		1315840430	1351611280	1390860680	1481754480	1472256400	5
Tetrachloro-m-xylene		1573028330	1599438347	1606333020	1637352520	1467704000	4
Aroclor-1268-1	(1)	211800889	212068772	218805520	222295460	216088460	2

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Aroclor-1268-2	(2)	193204962	192623001	197813464	201698528	194072640	195882519	2
Aroclor-1268-3	(3)	173229843	174323716	178901816	182613184	175756480	176965008	2
Aroclor-1268-4	(4)	65506290	66378420	68913796	71791976	65601900	67638476	4
Aroclor-1268-5	(5)	517569534	517095833	523047182	523415748	491419840	514509627	3
Decachlorobiphenyl		2382750360	2420081013	2478549680	2574937120	2599484600	2491160555	4
Tetrachloro-m-xylene		1599008690	1617900053	1666311200	1654862560	1461882000	1599992901	5