

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: RMJE02

Lab Code: CHEM Case No.: O5252 SAS No.: O5252 SDG NO.: O5252

Instrument ID: ECD_P Calibration Date(s): 10/27/2023 10/27/2023

Calibration Times: 11:03 18:24

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

LAB FILE ID:								
CF 1000 =		PP061282.D		CF 750 =		PP061283.D		
CF 500 =		PP061284.D		CF 250 =		PP061285.D		
CF 050 =		PP061286.D		CF 050 =		PP061286.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	78212042	80599441	82345390	85900384	79836180	81378687	4
Aroclor-1016-2	(2)	112738073	115759573	117214098	122870952	112849440	116286427	4
Aroclor-1016-3	(3)	66929599	69456631	71505478	75738668	69952460	70716567	5
Aroclor-1016-4	(4)	56430833	58267451	59377670	62235268	55546060	58371456	5
Aroclor-1016-5	(5)	56065561	57882228	59419624	63142916	50537700	57409606	8
Aroclor-1260-1	(1)	106895618	111835625	114705618	116472508	112558560	112493586	3
Aroclor-1260-2	(2)	122420456	132806607	127805390	133319552	130501920	129370785	3
Aroclor-1260-3	(3)	82507793	84599167	86033322	90169708	81343860	84930770	4
Aroclor-1260-4	(4)	100877736	102233352	103139216	107842560	91306780	101079929	6
Aroclor-1260-5	(5)	194869646	195495073	196035092	204433776	177577520	193682221	5
Decachlorobiphenyl		1820417660	1875964747	1930434440	1999223120	1802472200	1885702433	4
Tetrachloro-m-xylene		2497120520	2532236027	2540128700	2552616640	2228791600	2470178697	6
Aroclor-1242-1	(1)	61622664	63864001	67188154	68775468	65631380	65416333	4
Aroclor-1242-2	(2)	89744740	90679724	94334560	96701964	91879800	92668158	3
Aroclor-1242-3	(3)	53408719	54880752	57988284	60694636	58413060	57077090	5
Aroclor-1242-4	(4)	45020195	46199180	47975954	50261328	53610200	48613371	7
Aroclor-1242-5	(5)	47011944	47404843	53236068	56077268	54899000	51725825	8
Decachlorobiphenyl		1839270080	1887092453	1956533620	2107791640	1819629200	1922063399	6
Tetrachloro-m-xylene		2553118200	2572437587	2624758880	2575120960	2260575600	2517202245	6
Aroclor-1248-1	(1)	46243226	47429747	48711456	52312148	49305880	48800491	5
Aroclor-1248-2	(2)	69204046	81420103	73405360	77844828	74918200	75358507	6
Aroclor-1248-3	(3)	86824624	77722397	82869124	91408960	78161780	83397377	7
Aroclor-1248-4	(4)	84558978	86071039	87331762	91419268	91379860	88152181	4
Aroclor-1248-5	(5)	80381233	84287171	84328208	88006696	86964680	84793598	3
Decachlorobiphenyl		1831534510	1884543733	1944245920	2023416160	1795257200	1895799505	5
Tetrachloro-m-xylene		2518302300	2539263760	2553682340	2544192920	2216329600	2474354184	6
Aroclor-1254-1	(1)	84105683	85678899	88539880	93811412	90685000	88564175	4
Aroclor-1254-2	(2)	127682058	129532649	133715058	140889096	135066660	133377104	4
Aroclor-1254-3	(3)	133404615	134856289	138449996	145700524	139104140	138303113	3
Aroclor-1254-4	(4)	96657916	97545587	100163340	103597628	99776880	99548270	3
Aroclor-1254-5	(5)	107758992	109650001	111657242	115050528	106144480	110052249	3
Decachlorobiphenyl		1822009320	1862834467	1932988380	1993334480	1825600400	1887353409	4
Tetrachloro-m-xylene		2513561060	2512639507	2516482200	2518049880	2219551600	2456056849	5
Aroclor-1268-1	(1)	279207059	286889505	290053208	305041564	270678380	286373943	4

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Aroclor-1268-2	(2)	252281607	260394632	262178256	268470024	264231340	261511172	2
Aroclor-1268-3	(3)	219517461	224159525	228773188	256713848	209376220	227708048	8
Aroclor-1268-4	(4)	90772553	94759200	94449238	95073488	77575100	90525916	8
Aroclor-1268-5	(5)	706187367	719283455	716389008	717941248	626059020	697172020	6
Decachlorobiphenyl		3292683380	3391751373	3448222860	3528415320	3198387400	3371892067	4
Tetrachloro-m-xylene		2594293810	2596516147	2589988480	2569823760	2225175400	2515159519	6

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Instrument ID: ECD_P Calibration Date(s): 10/27/2023 10/27/2023

Calibration Times: 11:03 18:24

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

LAB FILE ID: CF 1000 = <u>PP061282.D</u> CF 750 = <u>PP061283.D</u> CF 500 = <u>PP061284.D</u> CF 250 = <u>PP061285.D</u> CF 050 = <u>PP061286.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	47373123	49756297	51930892	56389552	53322120	7
Aroclor-1016-2	(2)	66157042	68423064	70627548	76676240	71742480	6
Aroclor-1016-3	(3)	36514114	38197968	39736858	43383244	39426320	6
Aroclor-1016-4	(4)	28642383	30161093	31893236	34823616	31762160	7
Aroclor-1016-5	(5)	38058242	40005372	41884950	45689092	44553920	7
Aroclor-1260-1	(1)	75438383	78348136	81384016	87534872	84115880	6
Aroclor-1260-2	(2)	90551189	93754113	97074824	104583668	101688060	6
Aroclor-1260-3	(3)	88554614	91419453	93870458	99327400	89572220	5
Aroclor-1260-4	(4)	69680008	71898749	74308478	78651592	72082360	5
Aroclor-1260-5	(5)	167571915	170778617	173359878	177807488	164288960	3
Decachlorobiphenyl		1449798320	1491008213	1544181900	1633803200	1559674400	5
Tetrachloro-m-xylene		1424685800	1468786707	1502244920	1569298800	1507431400	4
Aroclor-1242-1	(1)	38370066	40266172	42863770	46169652	43738540	7
Aroclor-1242-2	(2)	53117583	54674537	57981020	61324776	57154640	6
Aroclor-1242-3	(3)	29705737	30928000	33140354	34677848	32021780	6
Aroclor-1242-4	(4)	29339715	30759728	33121464	35075396	32515900	7
Aroclor-1242-5	(5)	37074981	38594979	40943788	43605840	38253980	7
Decachlorobiphenyl		1471560590	1512039093	1574142240	1648015320	1596536400	4
Tetrachloro-m-xylene		1511268670	1546260533	1611797520	1683130840	1571683400	4
Aroclor-1248-1	(1)	28479766	29330216	31595402	34246856	31732540	7
Aroclor-1248-2	(2)	39884082	41054504	44283276	48404588	44476220	8
Aroclor-1248-3	(3)	42268470	44209283	46816228	51158368	47927500	7
Aroclor-1248-4	(4)	50503493	53663392	55776212	60994740	57676320	7
Aroclor-1248-5	(5)	48980599	51366895	53337064	57551132	48924480	7
Decachlorobiphenyl		1468206370	1512922813	1564203620	1651978120	1572834400	4
Tetrachloro-m-xylene		1503436440	1535689387	1582353960	1642607280	1532395200	3
Aroclor-1254-1	(1)	73316784	75064320	78626170	84540628	82468800	6
Aroclor-1254-2	(2)	64581135	66308883	69739678	75376380	73204660	6
Aroclor-1254-3	(3)	107956886	109548401	113905660	120657136	115173080	4
Aroclor-1254-4	(4)	66660088	67677848	70456186	73775768	68942540	4
Aroclor-1254-5	(5)	102633978	104587725	108012454	113421788	100393380	5
Decachlorobiphenyl		1451200210	1482403520	1546469200	1623113560	1567126400	4
Tetrachloro-m-xylene		1504120480	1520942947	1557432600	1623244920	1483629600	4
Aroclor-1268-1	(1)	226076215	231120203	238074380	240999504	227944660	3



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Aroclor-1268-2	(2)	205665168	211143027	213586122	216459164	202459100	209862516	3
Aroclor-1268-3	(3)	178819425	183142883	186168288	189780000	180783000	183738719	2
Aroclor-1268-4	(4)	75061045	78289523	79335110	81472752	72339880	77299662	5
Aroclor-1268-5	(5)	566053014	583421776	581357630	582385348	523227400	567289034	5
Decachlorobiphenyl		2587410300	2669302800	2730759560	2771468760	2713579200	2694504124	3
Tetrachloro-m-xylene		1545188140	1569057653	1601012320	1665571560	1522153200	1580596575	4