

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

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

Instrument ID: ECD_D Calibration Date(s): 03/14/2023 03/14/2023

Calibration Times: 15:49 16:43

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

LAB FILE ID:		CF 100 =	<u>PD074192.D</u>	CF 075 =	<u>PD074193.D</u>		
CF 050 =		<u>PD074194.D</u>	CF 025 =	<u>PD074195.D</u>	CF 005 =	<u>PD074196.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2296360000	2261850000	2301200000	2187270000	2169150000	2243160000	3
4,4'-DDE	2854000000	2807830000	2853590000	2654930000	2615530000	2757180000	4
4,4'-DDT	2563510000	2517850000	2572440000	2464600000	2626880000	2549060000	2
Aldrin	3457630000	3418810000	3479060000	3258020000	3224200000	3367550000	4
alpha-BHC	4128890000	4054920000	4058230000	3723670000	3437640000	3880670000	8
alpha-Chlordane	2994760000	2978550000	3068350000	2944580000	3093550000	3015960000	2
beta-BHC	1406500000	1424020000	1488800000	1488470000	1581670000	1477890000	5
Decachlorobiphenyl	2409530000	2416010000	2582200000	2680930000	3284210000	2674580000	13
delta-BHC	2879210000	2828720000	2853700000	2621320000	2538160000	2744220000	6
Dieldrin	3032310000	2975970000	3024820000	2850900000	2865540000	2949910000	3
Endosulfan I	2832360000	2813430000	2895430000	2772740000	2901580000	2843110000	2
Endosulfan II	2452160000	2455010000	2566010000	2631000000	2775210000	2575880000	5
Endosulfan sulfate	2419960000	2395450000	2473240000	2427760000	2628450000	2468970000	4
Endrin	2552310000	2504680000	2550700000	2413270000	2404600000	2485110000	3
Endrin aldehyde	1923240000	1920430000	1996230000	1984500000	2170440000	1998970000	5
Endrin ketone	2729710000	2699140000	2793080000	2741730000	2954980000	2783730000	4
gamma-BHC (Lindane)	3667790000	3618220000	3656450000	3401220000	3197950000	3508330000	6
gamma-Chlordane	3019450000	2991660000	3066550000	2913660000	3015080000	3001280000	2
Heptachlor	3503080000	3484540000	3529810000	3304510000	3310200000	3426430000	3
Heptachlor epoxide	2773840000	2750450000	2834080000	2719590000	2985050000	2812600000	4
Methoxychlor	1320800000	1316550000	1388870000	1401790000	1567930000	1399190000	7
Tetrachloro-m-xylene	2296090000	2294930000	2363530000	2309580000	2398930000	2332610000	2

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Calibration Times: 15:49 16:43

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

LAB FILE ID:		CF 100 =	<u>PD074192.D</u>	CF 075 =	<u>PD074193.D</u>		
CF 050 =		<u>PD074194.D</u>	CF 025 =	<u>PD074195.D</u>	CF 005 =	<u>PD074196.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1184900000	1174590000	1203250000	1150700000	1123110000	1167310000	3
4,4'-DDE	1447930000	1432360000	1460650000	1374470000	1340240000	1411130000	4
4,4'-DDT	1250230000	1242270000	1270390000	1206530000	1170670000	1228020000	3
Aldrin	1716100000	1696790000	1733910000	1646810000	1641900000	1687100000	2
alpha-BHC	1938640000	1908650000	1928080000	1804440000	1712150000	1858390000	5
alpha-Chlordane	1527040000	1519520000	1566850000	1517040000	1569610000	1540010000	2
beta-BHC	716334000	721541000	758269000	758263000	821073000	755096000	6
Decachlorobiphenyl	1109670000	1132520000	1205140000	1239050000	1448220000	1226920000	11
delta-BHC	1760840000	1732370000	1766600000	1655290000	1595550000	1702130000	4
Dieldrin	1529490000	1514030000	1549410000	1470600000	1454750000	1503660000	3
Endosulfan I	1428960000	1423800000	1468660000	1426490000	1447730000	1439130000	1
Endosulfan II	1213340000	1216190000	1258620000	1241240000	1361980000	1258270000	5
Endosulfan sulfate	1187170000	1191620000	1232470000	1214990000	1277960000	1220840000	3
Endrin	1301610000	1291240000	1331590000	1280500000	1329890000	1306970000	2
Endrin aldehyde	965995000	974561000	1017540000	1016590000	1102970000	1015530000	5
Endrin ketone	1424250000	1435950000	1490110000	1468610000	1556500000	1475090000	4
gamma-BHC (Lindane)	1765470000	1747350000	1774220000	1666980000	1611920000	1713190000	4
gamma-Chlordane	1551780000	1540250000	1580690000	1520890000	1569800000	1552680000	2
Heptachlor	1723810000	1711190000	1748510000	1671570000	1674410000	1705900000	2
Heptachlor epoxide	1522330000	1517370000	1563940000	1512740000	1559130000	1535100000	2
Methoxychlor	643560000	653790000	686567000	686045000	713173000	676627000	4
Tetrachloro-m-xylene	1198060000	1195480000	1235120000	1214260000	1242080000	1217000000	2