

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM Case No.: P2403 SAS No.: P2403 SDG NO.: P2403

Instrument ID: ECD_D

Calibration Date(s): 05/13/2024 05/13/2024

Calibration Times: 11:23 12:16

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

LAB FILE ID:		CF 100 =	<u>PD082752.D</u>	CF 075 =	<u>PD082753.D</u>		
CF 050 =		<u>PD082754.D</u>	CF 025 =	<u>PD082755.D</u>	CF 005 =	<u>PD082756.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1701250000	1515570000	1529870000	1616430000	1634750000	1599570000	5
4,4'-DDE	2276350000	2067940000	2102550000	2205280000	2287270000	2187880000	5
4,4'-DDT	1816320000	1600010000	1608240000	1713510000	1702350000	1688080000	5
Aldrin	2619890000	2504750000	2498630000	2623750000	2637330000	2576870000	3
alpha-BHC	2952910000	2692650000	2709310000	2678460000	2662490000	2739160000	4
alpha-Chlordane	2302190000	2118830000	2176580000	2289920000	2424000000	2262300000	5
beta-BHC	1053970000	980794000	947945000	1089390000	1164560000	1047330000	8
Decachlorobiphenyl	1930360000	1808580000	1903300000	2050360000	2292010000	1996920000	9
delta-BHC	2764650000	2277410000	2314210000	2542860000	2524620000	2484750000	8
Dieldrin	2347970000	2115660000	2146960000	2258630000	2312600000	2236360000	5
Endosulfan I	2181990000	2010600000	2066260000	2192790000	2345330000	2159400000	6
Endosulfan II	1948430000	1780850000	1843490000	2010550000	2392230000	1995110000	12
Endosulfan sulfate	1794770000	1603810000	1656640000	1806430000	1960620000	1764450000	8
Endrin	1972880000	1769230000	1787650000	1906080000	1971780000	1881520000	5
Endrin aldehyde	1406980000	1280550000	1328220000	1435530000	1549430000	1400140000	7
Endrin ketone	1982040000	1751790000	1813770000	1950640000	2112050000	1922060000	7
gamma-BHC (Lindane)	2837380000	2589110000	2476460000	2644580000	2668430000	2643190000	5
gamma-Chlordane	2334320000	2134000000	2179910000	2289200000	2387060000	2264900000	5
Heptachlor	2681190000	2357120000	2320190000	2602680000	2649170000	2522070000	7
Heptachlor epoxide	2333130000	2180030000	2224540000	2356900000	2567890000	2332500000	6
Methoxychlor	926324000	818043000	860712000	945824000	1032370000	916656000	9
Tetrachloro-m-xylene	1548500000	1452430000	1510010000	1583910000	1646070000	1548180000	5

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

LAB FILE ID:		CF 100 =	<u>PD082752.D</u>	CF 075 =	<u>PD082753.D</u>		
CF 050 =		<u>PD082754.D</u>	CF 025 =	<u>PD082755.D</u>	CF 005 =	<u>PD082756.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3855270000	3649510000	3700600000	3737300000	3867760000	3762090000	3
4,4'-DDE	4795050000	4509910000	4610560000	4707690000	4716240000	4667890000	2
4,4'-DDT	4069760000	3803830000	3886480000	3838420000	3574930000	3834680000	5
Aldrin	5822770000	5478450000	5631000000	5734460000	5825910000	5698520000	3
alpha-BHC	6438960000	6022790000	6137230000	6248200000	6342870000	6238010000	3
alpha-Chlordane	4989980000	4731230000	4853280000	5051310000	5204350000	4966030000	4
beta-BHC	2337310000	2224090000	2314550000	2423040000	2641430000	2388090000	7
Decachlorobiphenyl	3739400000	3565800000	3751920000	3945020000	4324700000	3865370000	8
delta-BHC	5967380000	5604460000	5749880000	5828610000	5791300000	5788330000	2
Dieldrin	5130640000	4855770000	4956730000	5109260000	5077520000	5025990000	2
Endosulfan I	4599170000	4381490000	4510350000	4702950000	4868410000	4612470000	4
Endosulfan II	4178090000	3981500000	4094430000	4216780000	4409030000	4175970000	4
Endosulfan sulfate	3993050000	3751250000	3945020000	4038500000	4208660000	3987300000	4
Endrin	4407030000	4188870000	4321160000	4373020000	4573990000	4372820000	3
Endrin aldehyde	3083790000	2905720000	3049630000	3160000000	3410810000	3121990000	6
Endrin ketone	4513840000	4278180000	4493020000	4642050000	4802470000	4545910000	4
gamma-BHC (Lindane)	6038860000	5664420000	5830870000	5933800000	6082530000	5910100000	3
gamma-Chlordane	5070850000	4788920000	4897420000	5062870000	5173950000	4998800000	3
Heptachlor	5622230000	5306160000	5469000000	5591640000	5687470000	5535300000	3
Heptachlor epoxide	5016970000	4775380000	4914330000	5141930000	5339240000	5037570000	4
Methoxychlor	2008530000	1909520000	2017750000	2101810000	2122120000	2031940000	4
Tetrachloro-m-xylene	3933930000	3702580000	3858840000	4021420000	4299480000	3963250000	6