

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM Case No.: O3572 SAS No.: O3572 SDG NO.: O3572

Instrument ID: ECD_D Calibration Date(s): 08/03/2023 08/03/2023

Calibration Times: 11:19 12:12

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

LAB FILE ID:		CF 100 =	<u>PD076984.D</u>	CF 075 =	<u>PD076985.D</u>		
	CF 050 =	<u>PD076986.D</u>	CF 025 =	<u>PD076987.D</u>	CF 005 =	<u>PD076988.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2388250000	2372170000	2325050000	2304420000	2373130000	2352600000	2
4,4'-DDE	3058490000	3016810000	2956650000	2886380000	2913990000	2966470000	2
4,4'-DDT	2533950000	2510670000	2433370000	2348680000	2331470000	2431630000	4
Aldrin	3774750000	3729000000	3688490000	3620610000	3665090000	3695590000	2
alpha-BHC	4049780000	3990790000	3878090000	3730300000	3549590000	3839710000	5
alpha-Chlordane	3245580000	3231780000	3220500000	3226750000	3471180000	3279160000	3
beta-BHC	1418690000	1430950000	1456810000	1514400000	1703330000	1504840000	8
Decachlorobiphenyl	2508520000	2593910000	2613040000	2800770000	3184670000	2740180000	10
delta-BHC	3623920000	3566080000	3476460000	3356140000	3420660000	3488650000	3
Dieldrin	3327240000	3301940000	3257060000	3201750000	3280850000	3273770000	1
Endosulfan I	2997560000	2988210000	2988800000	2996770000	3224450000	3039160000	3
Endosulfan II	2861480000	2909900000	2982070000	3346630000	3808850000	3181790000	13
Endosulfan sulfate	2522310000	2543780000	2533760000	2577180000	2850000000	2605410000	5
Endrin	2795970000	2781990000	2753440000	2715460000	2846640000	2778700000	2
Endrin aldehyde	2094960000	2115240000	2138450000	2182260000	2391700000	2184520000	6
Endrin ketone	2958950000	2982680000	2949090000	2980780000	3187330000	3011760000	3
gamma-BHC (Lindane)	3839400000	3773960000	3696560000	3603320000	3490430000	3680730000	4
gamma-Chlordane	3272870000	3237190000	3215820000	3187270000	3360260000	3254680000	2
Heptachlor	3664530000	3644080000	3589380000	3529670000	3602420000	3606020000	1
Heptachlor epoxide	3224420000	3212800000	3224630000	3224200000	3669800000	3311170000	6
Methoxychlor	1345540000	1375760000	1381350000	1425390000	1556300000	1416870000	6
Tetrachloro-m-xylene	2314390000	2321860000	2323770000	2367690000	2504740000	2366490000	3

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Instrument ID: ECD_D Calibration Date(s): 08/03/2023 08/03/2023

Calibration Times: 11:19 12:12

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

LAB FILE ID:		CF 100 =	<u>PD076984.D</u>	CF 075 =	<u>PD076985.D</u>		
CF 050 =		<u>PD076986.D</u>	CF 025 =	<u>PD076987.D</u>	CF 005 =	<u>PD076988.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1132400000	1121950000	1104660000	1092780000	1108580000	1112070000	1
4,4'-DDE	1480670000	1456410000	1437830000	1420380000	1455560000	1450170000	2
4,4'-DDT	1212480000	1186180000	1140010000	1091470000	927760000	1111580000	10
Aldrin	1882330000	1854600000	1836640000	1829150000	1855400000	1851620000	1
alpha-BHC	2003630000	1967880000	1920770000	1908000000	1871510000	1934360000	3
alpha-Chlordane	1656930000	1641690000	1628360000	1660490000	1762380000	1669970000	3
beta-BHC	717085000	721773000	730719000	770354000	874588000	762904000	9
Decachlorobiphenyl	1312400000	1326510000	1367630000	1439440000	1709450000	1431090000	11
delta-BHC	1836730000	1808460000	1769840000	1745550000	1735680000	1779250000	2
Dieldrin	1713940000	1691620000	1666490000	1663920000	1686870000	1684570000	1
Endosulfan I	1550960000	1539870000	1520250000	1563430000	1625290000	1559960000	3
Endosulfan II	1418670000	1412530000	1403440000	1458080000	1677510000	1474050000	8
Endosulfan sulfate	1310600000	1305520000	1295610000	1329540000	1427270000	1333710000	4
Endrin	1467310000	1453310000	1437900000	1446710000	1510890000	1463220000	2
Endrin aldehyde	1099690000	1099060000	1110580000	1143980000	1238680000	1138400000	5
Endrin ketone	1576050000	1572420000	1549670000	1595090000	1634240000	1585500000	2
gamma-BHC (Lindane)	1902340000	1876960000	1844980000	1838350000	1839100000	1860350000	2
gamma-Chlordane	1661290000	1641280000	1621860000	1636610000	1732990000	1658810000	3
Heptachlor	1820180000	1805710000	1783930000	1802310000	1871200000	1816670000	2
Heptachlor epoxide	1662430000	1649020000	1632040000	1666130000	1751650000	1672250000	3
Methoxychlor	589773000	596377000	593727000	611080000	598735000	597938000	1
Tetrachloro-m-xylene	1326630000	1327420000	1319250000	1392350000	1444970000	1362120000	4