

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

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

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

Calibration Times: 08:34 09:31

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

LAB FILE ID:		CF 100 =	<u>PL084449.D</u>	CF 075 =	<u>PL084450.D</u>		
CF 050 =		<u>PL084451.D</u>	CF 025 =	<u>PL084452.D</u>	CF 005 =	<u>PL084453.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1693050000	1620690000	1635330000	1684740000	1749140000	1676590000	3
4,4'-DDE	2349430000	2250380000	2240690000	2284100000	2351780000	2295280000	2
4,4'-DDT	1836710000	1795810000	1804500000	1881190000	2050330000	1873710000	6
Aldrin	3360560000	3277330000	3225630000	3284000000	3379290000	3305360000	2
alpha-BHC	3475080000	3349770000	3263180000	3213980000	3205020000	3301400000	3
alpha-Chlordane	2745190000	2700910000	2708200000	2846950000	3114720000	2823190000	6
beta-BHC	1313920000	1286830000	1325090000	1431930000	1626840000	1396920000	10
Decachlorobiphenyl	1427270000	1442060000	1530860000	1702600000	2032660000	1627090000	15
delta-BHC	3279460000	3164590000	3115870000	3117200000	3446460000	3224720000	4
Dieldrin	2628030000	2567670000	2556610000	2635600000	2825170000	2642620000	4
Endosulfan I	2540240000	2502200000	2520740000	2648940000	2949170000	2632260000	7
Endosulfan II	2031370000	2009680000	2023170000	2145060000	2365780000	2115010000	7
Endosulfan sulfate	1866010000	1848450000	1899440000	2041180000	2333350000	1997690000	10
Endrin	2153940000	2113110000	2106320000	2180470000	2351110000	2180990000	5
Endrin aldehyde	1583430000	1578210000	1610090000	1723070000	1939950000	1686950000	9
Endrin ketone	1912320000	1887300000	1925370000	2035150000	2242020000	2000430000	7
gamma-BHC (Lindane)	3275720000	3178530000	3122250000	3146880000	3226660000	3190010000	2
gamma-Chlordane	2809590000	2751910000	2751830000	2876270000	3128510000	2863630000	5
Heptachlor	3340030000	3295710000	3267630000	3351610000	3559320000	3362860000	3
Heptachlor epoxide	2921030000	2875580000	2894680000	3057930000	3314270000	3012700000	6
Methoxychlor	886090000	878733000	919909000	997429000	1116280000	959687000	10
Tetrachloro-m-xylene	2288980000	2245430000	2266730000	2350060000	2466170000	2323470000	4

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

Calibration Times: 08:34 09:31

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

LAB FILE ID:		CF 100 =	<u>PL084449.D</u>	CF 075 =	<u>PL084450.D</u>		
CF 050 =	<u>PL084451.D</u>	CF 025 =	<u>PL084452.D</u>	CF 005 =	<u>PL084453.D</u>		
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1074710000	1054770000	1039630000	1020310000	976775000	1033240000	4
4,4'-DDE	1293910000	1260170000	1236710000	1209760000	1156780000	1231460000	4
4,4'-DDT	1187660000	1169660000	1160560000	1154500000	1130400000	1160560000	2
Aldrin	1506720000	1478700000	1454590000	1429240000	1397750000	1453400000	3
alpha-BHC	1639680000	1596330000	1562940000	1506460000	1414970000	1544080000	6
alpha-Chlordane	1366210000	1349070000	1343940000	1357500000	1395770000	1362500000	2
beta-BHC	643677000	638566000	656936000	688644000	722284000	670021000	5
Decachlorobiphenyl	1139120000	1154270000	1195410000	1287590000	1457620000	1246800000	11
delta-BHC	1603870000	1560980000	1534310000	1485290000	1406620000	1518210000	5
Dieldrin	1395720000	1372470000	1356210000	1342120000	1322420000	1357790000	2
Endosulfan I	1241340000	1229640000	1226250000	1238480000	1260780000	1239300000	1
Endosulfan II	1197090000	1199810000	1190590000	1208980000	1236470000	1206590000	1
Endosulfan sulfate	1164820000	1160560000	1168650000	1196470000	1255440000	1189190000	3
Endrin	1237290000	1225980000	1215020000	1217740000	1220020000	1223210000	1
Endrin aldehyde	958713000	961255000	973952000	1006440000	1058380000	991747000	4
Endrin ketone	1419140000	1417240000	1430730000	1462740000	1484260000	1442820000	2
gamma-BHC (Lindane)	1581880000	1547690000	1527280000	1495960000	1444860000	1519530000	3
gamma-Chlordane	1373190000	1352220000	1338300000	1343640000	1373960000	1356260000	1
Heptachlor	1451050000	1428210000	1415940000	1413460000	1412050000	1424140000	1
Heptachlor epoxide	1325080000	1314910000	1312410000	1322120000	1359500000	1326810000	1
Methoxychlor	642588000	647970000	666808000	708422000	764713000	686100000	7
Tetrachloro-m-xylene	1071390000	1062140000	1070630000	1094150000	1138720000	1087410000	3