

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM Case No.: P1187 SAS No.: P1187 SDG NO.: P1187

Instrument ID: ECD_L Calibration Date(s): 12/28/2023 12/28/2023

Calibration Times: 18:41 19:37

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

LAB FILE ID:		CF 100 =	<u>PL087535.D</u>	CF 075 =	<u>PL087536.D</u>		
CF 050 =		<u>PL087537.D</u>	CF 025 =	<u>PL087538.D</u>	CF 005 =	<u>PL087539.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2667930000	2587240000	2583760000	2433310000	2620640000	2578580000	3
4,4'-DDE	3348880000	3210530000	3212720000	2972740000	3241000000	3197180000	4
4,4'-DDT	2940530000	2857940000	2873510000	2704030000	2921770000	2859560000	3
Aldrin	4452480000	4280440000	4284100000	4044220000	4368220000	4285890000	4
alpha-BHC	4829270000	4576270000	4509380000	4202310000	4317320000	4486910000	5
alpha-Chlordane	3845790000	3771340000	3778560000	3710480000	4107280000	3842690000	4
beta-BHC	1798440000	1767870000	1827370000	1825030000	2083700000	1860480000	7
Decachlorobiphenyl	2594550000	2626100000	2751080000	2810190000	3458080000	2848000000	12
delta-BHC	4418720000	4228480000	4181070000	3928660000	4282630000	4207910000	4
Dieldrin	3845960000	3712300000	3714340000	3516600000	3835190000	3724880000	4
Endosulfan I	3537080000	3549420000	3493650000	3534290000	3915640000	3606020000	5
Endosulfan II	3126060000	3066260000	3118000000	3048920000	3675790000	3207010000	8
Endosulfan sulfate	2995320000	2943710000	3005960000	2928450000	3419130000	3058510000	7
Endrin	3218430000	3124490000	3122930000	2976240000	3262410000	3140900000	4
Endrin aldehyde	2457260000	2423400000	2486080000	2438140000	2771610000	2515300000	6
Endrin ketone	3241050000	3181720000	3237110000	3139580000	3463630000	3252620000	4
gamma-BHC (Lindane)	4607690000	4399380000	4364120000	4119140000	4317960000	4361660000	4
gamma-Chlordane	3895480000	3836450000	3786440000	3760340000	4049860000	3865710000	3
Heptachlor	4478750000	4310870000	4341600000	4159170000	4680200000	4394120000	4
Heptachlor epoxide	3878840000	3831260000	3787630000	3730020000	3928350000	3831220000	2
Methoxychlor	1551850000	1547240000	1604420000	1592870000	1821540000	1623580000	7
Tetrachloro-m-xylene	2975210000	2885630000	2927420000	2884240000	3296290000	2993760000	6

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Instrument ID: ECD_L Calibration Date(s): 12/28/2023 12/28/2023

Calibration Times: 18:41 19:37

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

LAB FILE ID:		CF 100 =	<u>PL087535.D</u>	CF 075 =	<u>PL087536.D</u>		
CF 050 =		<u>PL087537.D</u>	CF 025 =	<u>PL087538.D</u>	CF 005 =	<u>PL087539.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1202510000	1158610000	1153860000	1052740000	1070090000	1127560000	6
4,4'-DDE	1457570000	1398280000	1381060000	1252620000	1236080000	1345120000	7
4,4'-DDT	1327560000	1270030000	1276810000	1169770000	1178720000	1244580000	5
Aldrin	1871240000	1802170000	1781080000	1667590000	1702400000	1764900000	5
alpha-BHC	2012700000	1905270000	1878840000	1724690000	1693900000	1843080000	7
alpha-Chlordane	1666100000	1615060000	1626990000	1569490000	1820440000	1659620000	6
beta-BHC	752184000	737384000	755422000	749502000	829711000	764841000	5
Decachlorobiphenyl	1178400000	1181510000	1239080000	1254490000	1480620000	1266820000	10
delta-BHC	1883760000	1794560000	1768310000	1624350000	1608610000	1735920000	7
Dieldrin	1683930000	1607580000	1610600000	1508960000	1534590000	1589130000	4
Endosulfan I	1518200000	1472540000	1499430000	1448880000	1795740000	1546960000	9
Endosulfan II	1404450000	1352200000	1376580000	1305670000	1406000000	1368980000	3
Endosulfan sulfate	1324130000	1296040000	1313930000	1263830000	1365470000	1312680000	3
Endrin	1488850000	1449580000	1434200000	1347590000	1369710000	1417990000	4
Endrin aldehyde	1124100000	1105670000	1136860000	1111280000	1333160000	1162210000	8
Endrin ketone	1560220000	1516480000	1557480000	1474080000	1557040000	1533060000	2
gamma-BHC (Lindane)	1937370000	1854940000	1838250000	1716730000	1739060000	1817270000	5
gamma-Chlordane	1662430000	1603590000	1600790000	1520840000	1682740000	1614080000	4
Heptachlor	1865740000	1785550000	1792520000	1686470000	1774710000	1781000000	4
Heptachlor epoxide	1642320000	1584980000	1602390000	1521550000	1617710000	1593790000	3
Methoxychlor	715295000	711588000	738863000	726399000	788258000	736081000	4
Tetrachloro-m-xylene	1243890000	1179320000	1198700000	1163810000	1271020000	1211350000	4