

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3845 **SAS No.:** P3845 **SDG NO.:** P3845

Instrument ID: ECD_L **Calibration Date(s):** 09/09/2024 09/09/2024
Calibration Times: 15:31 16:25

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

LAB FILE ID:		CF 100 = <u>PL091571.D</u>		CF 075 = <u>PL091572.D</u>			
CF 050 = <u>PL091573.D</u>		CF 025 = <u>PL091574.D</u>		CF 005 = <u>PL091575.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1238120000	1231960000	1233650000	1250630000	1383380000	1267550000	5
4,4'-DDE	1460560000	1436680000	1428500000	1441320000	1526210000	1458660000	3
4,4'-DDT	1281640000	1254070000	1263970000	1284500000	1474570000	1311750000	7
Aldrin	1790750000	1774490000	1770970000	1802240000	2174440000	1862580000	9
alpha-BHC	2220090000	2165300000	2102420000	2070960000	2240830000	2159920000	3
alpha-Chlordane	1606870000	1601200000	1589460000	1609600000	1652020000	1611830000	1
beta-BHC	873975000	873578000	877535000	894317000	1030700000	910020000	7
Decachlorobiphenyl	1145680000	1140470000	1177280000	1251960000	1361220000	1215320000	8
delta-BHC	1913110000	1865190000	1825800000	1833300000	2168450000	1921170000	7
Dieldrin	1625390000	1599180000	1597630000	1611650000	1724860000	1631740000	3
Endosulfan I	1515030000	1501310000	1504100000	1538660000	1731420000	1558110000	6
Endosulfan II	1425510000	1429790000	1444480000	1515400000	1934840000	1550010000	14
Endosulfan sulfate	1322390000	1313220000	1345580000	1399080000	1601700000	1396390000	9
Endrin	1311020000	1302310000	1292880000	1312020000	1430210000	1329690000	4
Endrin aldehyde	1107110000	1109780000	1131430000	1183390000	1408960000	1188130000	11
Endrin ketone	1520320000	1497380000	1517430000	1548810000	1647670000	1546320000	4
gamma-BHC (Lindane)	2103730000	2060220000	1995670000	1984560000	2134340000	2055700000	3
gamma-Chlordane	1621490000	1619500000	1611700000	1651720000	1849460000	1670770000	6
Heptachlor	1866800000	1841620000	1834880000	1837790000	1984030000	1873020000	3
Heptachlor epoxide	1584130000	1602220000	1576830000	1662800000	1917610000	1668720000	9
Methoxychlor	658344000	648089000	662897000	669943000	743063000	676467000	6
Tetrachloro-m-xylene	1519890000	1515940000	1496640000	1518220000	1742280000	1558600000	7

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Instrument ID: ECD_L **Calibration Date(s):** 09/09/2024 09/09/2024
Calibration Times: 15:31 16:25

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

LAB FILE ID:		CF 100 =	<u>PL091571.D</u>	CF 075 =	<u>PL091572.D</u>		
CF 050 =		<u>PL091573.D</u>	CF 025 =	<u>PL091574.D</u>	CF 005 =	<u>PL091575.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1680210000	1661230000	1644630000	1654720000	1737950000	1675750000	2
4,4'-DDE	2010140000	1957820000	1897970000	1820170000	1797430000	1896710000	5
4,4'-DDT	1670720000	1616510000	1570240000	1515580000	1660880000	1606780000	4
Aldrin	2379960000	2347710000	2266050000	2189890000	2223920000	2281500000	4
alpha-BHC	2871940000	2771080000	2684190000	2505170000	2465430000	2659560000	7
alpha-Chlordane	2122860000	2093520000	2054130000	2008720000	2065810000	2069010000	2
beta-BHC	1057420000	1057090000	1051010000	1059720000	1237080000	1092470000	7
Decachlorobiphenyl	1763590000	1770080000	1794130000	1850100000	2054850000	1846550000	7
delta-BHC	2467260000	2402670000	2319500000	2179760000	2134460000	2300730000	6
Dieldrin	2145330000	2106790000	2039020000	1976550000	2009500000	2055440000	3
Endosulfan I	1958670000	1903390000	1884570000	1852390000	2047680000	1929340000	4
Endosulfan II	1819640000	1792790000	1762160000	1720850000	1749140000	1768920000	2
Endosulfan sulfate	1736800000	1716600000	1699820000	1677180000	1750170000	1716110000	2
Endrin	1886050000	1843520000	1806740000	1789080000	2110580000	1887190000	7
Endrin aldehyde	1381990000	1360020000	1356520000	1347590000	1389060000	1367040000	1
Endrin ketone	2053550000	2019200000	2011790000	1980410000	1992060000	2011400000	1
gamma-BHC (Lindane)	2620370000	2545400000	2475270000	2344040000	2312230000	2459460000	5
gamma-Chlordane	2198870000	2179670000	2133680000	2189790000	2326360000	2205670000	3
Heptachlor	2506110000	2453710000	2397130000	2322760000	2361890000	2408320000	3
Heptachlor epoxide	2116210000	2081570000	2064430000	2011870000	2264520000	2107720000	5
Methoxychlor	875397000	866175000	866782000	878258000	942205000	885763000	4
Tetrachloro-m-xylene	1922920000	1890350000	1864680000	1839410000	1834150000	1870300000	2