

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** P3390 **SAS No.:** P3390 **SDG NO.:** P3390

Instrument ID: ECD_L **Calibration Date(s):** 07/15/2024 07/15/2024
Calibration Times: 09:37 10:32

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

LAB FILE ID:		CF 100 = <u>PL090511.D</u>		CF 075 = <u>PL090512.D</u>			
CF 050 = <u>PL090513.D</u>		CF 025 = <u>PL090514.D</u>		CF 005 = <u>PL090515.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1624380000	1609920000	1638010000	1682160000	1886540000	1688200000	7
4,4'-DDE	1948270000	1938710000	1939540000	1995180000	2288390000	2022020000	7
4,4'-DDT	1613090000	1597610000	1624350000	1661520000	1919890000	1683290000	8
Aldrin	2364540000	2397660000	2402710000	2435440000	2891630000	2498390000	9
alpha-BHC	2944680000	2911460000	2891700000	2857070000	3231970000	2967370000	5
alpha-Chlordane	2142740000	2163460000	2193420000	2303740000	2675210000	2295710000	10
beta-BHC	1190100000	1214530000	1228930000	1257950000	1451100000	1268520000	8
Decachlorobiphenyl	1418110000	1277120000	1260370000	1305400000	1383280000	1328860000	5
delta-BHC	2632970000	2577490000	2561490000	2576720000	3056650000	2681060000	8
Dieldrin	2111900000	2101510000	2131500000	2209430000	2554740000	2221820000	9
Endosulfan I	1988970000	2008680000	2036990000	2162360000	2496610000	2138720000	10
Endosulfan II	1826890000	1824540000	1870230000	1942330000	2370350000	1966870000	12
Endosulfan sulfate	1633480000	1634020000	1688820000	1770490000	2054330000	1756230000	10
Endrin	1752720000	1752980000	1782260000	1829070000	2075130000	1838430000	7
Endrin aldehyde	1377420000	1384400000	1418940000	1493130000	1744140000	1483610000	10
Endrin ketone	1840040000	1798920000	1830140000	1905820000	2170080000	1909000000	8
gamma-BHC (Lindane)	2770070000	2750210000	2731860000	2701100000	3049030000	2800450000	5
gamma-Chlordane	2183550000	2220830000	2233440000	2301530000	2685810000	2325030000	9
Heptachlor	2397550000	2424480000	2462560000	2509710000	2930940000	2545050000	9
Heptachlor epoxide	2135610000	2188910000	2221540000	2407390000	2798470000	2350380000	12
Methoxychlor	815170000	809158000	842028000	885933000	1062270000	882911000	12
Tetrachloro-m-xylene	2020490000	2039180000	2060580000	2042600000	2248140000	2082200000	5

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Instrument ID: ECD_L **Calibration Date(s):** 07/15/2024 07/15/2024
Calibration Times: 09:37 10:32

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

LAB FILE ID:		CF 100 = <u>PL090511.D</u>		CF 075 = <u>PL090512.D</u>			
CF 050 = <u>PL090513.D</u>		CF 025 = <u>PL090514.D</u>		CF 005 = <u>PL090515.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1509380000	1530800000	1516000000	1423590000	1511590000	1498270000	3
4,4'-DDE	1826600000	1870760000	1829070000	1683990000	1725250000	1787130000	4
4,4'-DDT	1512180000	1545130000	1511060000	1399520000	1357890000	1465160000	6
Aldrin	2155320000	2212430000	2181600000	2001730000	2086310000	2127480000	4
alpha-BHC	2545870000	2561140000	2503600000	2255550000	2214350000	2416100000	7
alpha-Chlordane	1991640000	2045610000	2047530000	1941800000	2076510000	2020620000	3
beta-BHC	979290000	1016670000	1032040000	1006110000	1126910000	1032200000	5
Decachlorobiphenyl	1423230000	1437880000	1419680000	1439690000	1569980000	1458090000	4
delta-BHC	2286870000	2322480000	2268940000	2052360000	2068090000	2199750000	6
Dieldrin	1968730000	2018550000	1995650000	1866240000	1955430000	1960920000	3
Endosulfan I	1791650000	1848480000	1848700000	1762610000	1892340000	1828760000	3
Endosulfan II	1671070000	1713900000	1719620000	1652450000	1784950000	1708400000	3
Endosulfan sulfate	1564290000	1607260000	1617720000	1573840000	1699410000	1612500000	3
Endrin	1723170000	1769360000	1756310000	1641730000	1715010000	1721110000	3
Endrin aldehyde	1250580000	1290300000	1302990000	1276660000	1412190000	1306540000	5
Endrin ketone	1813540000	1837800000	1847630000	1795200000	1843320000	1827500000	1
gamma-BHC (Lindane)	2363000000	2402040000	2362300000	2168850000	2233680000	2305980000	4
gamma-Chlordane	2018250000	2071090000	2057320000	1939960000	2050460000	2027420000	3
Heptachlor	2192240000	2272940000	2262670000	2095660000	2206780000	2206060000	3
Heptachlor epoxide	1906230000	1971890000	1974700000	1871440000	2027640000	1950380000	3
Methoxychlor	780108000	802202000	815798000	810118000	834518000	808549000	2
Tetrachloro-m-xylene	1669260000	1690510000	1701570000	1622000000	1731490000	1682970000	2