

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):** 08/05/2024 08/05/2024
Calibration Times: 15:08 16:03

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

LAB FILE ID:		CF 100 = <u>PL090772.D</u>		CF 075 = <u>PL090773.D</u>			
CF 050 = <u>PL090774.D</u>		CF 025 = <u>PL090775.D</u>		CF 005 = <u>PL090776.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1512040000	1518780000	1552100000	1675820000	1984050000	1648560000	12
4,4'-DDE	1842940000	1841700000	1865040000	1999770000	2362390000	1982370000	11
4,4'-DDT	1627280000	1629180000	1671430000	1803690000	2182330000	1782780000	13
Aldrin	2202500000	2206450000	2234090000	2409230000	2966700000	2403790000	14
alpha-BHC	2665850000	2646570000	2626660000	2731370000	3140470000	2762180000	8
alpha-Chlordane	2023950000	2034990000	2080980000	2277190000	2780730000	2239570000	14
beta-BHC	1118850000	1133530000	1167660000	1274700000	1599730000	1258890000	16
Decachlorobiphenyl	1281510000	1303440000	1357830000	1484490000	1756440000	1436740000	14
delta-BHC	2369780000	2358840000	2352500000	2458910000	2977400000	2503490000	11
Dieldrin	2002450000	2006360000	2051540000	2217970000	2688310000	2193330000	13
Endosulfan I	1884190000	1901450000	1955050000	2139540000	2600740000	2096190000	14
Endosulfan II	1749370000	1771330000	1836620000	2024950000	2644410000	2005340000	19
Endosulfan sulfate	1578690000	1601360000	1668280000	1832140000	2287590000	1793610000	16
Endrin	1658310000	1660170000	1708090000	1851390000	2279240000	1831440000	14
Endrin aldehyde	1339630000	1358360000	1403710000	1546130000	1882350000	1506040000	15
Endrin ketone	1788370000	1800980000	1854130000	2012270000	2451170000	1981380000	14
gamma-BHC (Lindane)	2533410000	2523230000	2498950000	2600930000	2993920000	2630090000	8
gamma-Chlordane	2039110000	2046940000	2091960000	2299710000	2819990000	2259540000	15
Heptachlor	2251470000	2265740000	2312470000	2505700000	3030020000	2473080000	13
Heptachlor epoxide	2003430000	2022220000	2086390000	2298300000	2951920000	2272450000	17
Methoxychlor	841903000	854218000	906130000	972800000	1196150000	954240000	15
Tetrachloro-m-xylene	1829890000	1835460000	1857450000	1975380000	2183030000	1936240000	8

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Instrument ID: ECD_L **Calibration Date(s):** 08/05/2024 08/05/2024
Calibration Times: 15:08 16:03

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

LAB FILE ID:		CF 100 = <u>PL090772.D</u>		CF 075 = <u>PL090773.D</u>			
CF 050 = <u>PL090774.D</u>		CF 025 = <u>PL090775.D</u>		CF 005 = <u>PL090776.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1602090000	1559640000	1526350000	1507030000	1563470000	1551710000	2
4,4'-DDE	1974380000	1907610000	1853980000	1815390000	1828120000	1875890000	3
4,4'-DDT	1733460000	1670760000	1631910000	1606720000	1648500000	1658270000	3
Aldrin	2288140000	2237540000	2181050000	2150890000	2227820000	2217090000	2
alpha-BHC	2612700000	2543000000	2444590000	2347490000	2369420000	2463440000	5
alpha-Chlordane	2140420000	2098890000	2075880000	2094910000	2257790000	2133580000	3
beta-BHC	1012350000	1012450000	1015530000	1055870000	1221980000	1063640000	9
Decachlorobiphenyl	1554830000	1557450000	1587410000	1692560000	1953620000	1669170000	10
delta-BHC	2359630000	2304010000	2221150000	2154070000	2135080000	2234790000	4
Dieldrin	2118820000	2059990000	2021570000	2005700000	2117650000	2064750000	3
Endosulfan I	1921600000	1888520000	1874370000	1902410000	2068490000	1931080000	4
Endosulfan II	1800260000	1773510000	1760410000	1793820000	1953380000	1816280000	4
Endosulfan sulfate	1704970000	1687670000	1685790000	1737430000	1912600000	1745690000	5
Endrin	1863120000	1815890000	1786190000	1783800000	1887070000	1827210000	3
Endrin aldehyde	1367010000	1353470000	1360640000	1413790000	1584160000	1415810000	7
Endrin ketone	1966970000	1945260000	1939340000	1980400000	2077600000	1981910000	3
gamma-BHC (Lindane)	2440820000	2386220000	2315310000	2261120000	2302620000	2341220000	3
gamma-Chlordane	2163840000	2114150000	2081250000	2087120000	2231710000	2135620000	3
Heptachlor	2343700000	2313250000	2271930000	2264640000	2399310000	2318570000	2
Heptachlor epoxide	2030640000	2000150000	1984700000	2002960000	2173190000	2038330000	4
Methoxychlor	886942000	882429000	893975000	931458000	1020370000	923035000	6
Tetrachloro-m-xylene	1711020000	1695740000	1684200000	1714860000	1838220000	1728810000	4