

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

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

Instrument ID: ECD_D **Calibration Date(s):** 07/15/2024 07/15/2024
Calibration Times: 11:35 12:29

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

LAB FILE ID:		CF 100 = <u>PD083931.D</u>		CF 075 = <u>PD083932.D</u>			
CF 050 = <u>PD083933.D</u>		CF 025 = <u>PD083934.D</u>		CF 005 = <u>PD083935.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1577500000	1532780000	1472480000	1450200000	1541670000	1514930000	3
4,4'-DDE	2019900000	1964510000	1928690000	1934720000	2119740000	1993510000	4
4,4'-DDT	1811320000	1740370000	1675500000	1639260000	1721060000	1717500000	4
Aldrin	2091100000	2022260000	1980650000	1948660000	2132660000	2035070000	4
alpha-BHC	2125420000	2008690000	1935640000	1851080000	1900820000	1964330000	5
alpha-Chlordane	2023090000	1968260000	1930830000	1933670000	2114470000	1994060000	4
beta-BHC	784385000	767373000	777028000	785661000	851612000	793212000	4
Decachlorobiphenyl	2175400000	2185190000	2180150000	2288670000	2584990000	2282880000	8
delta-BHC	1918860000	1823830000	1764300000	1708030000	1875530000	1818110000	5
Dieldrin	2128570000	2066990000	2014320000	1998470000	2105630000	2062790000	3
Endosulfan I	1940670000	1896100000	1867420000	1880710000	2082920000	1933560000	5
Endosulfan II	1895660000	1866850000	1830700000	1857750000	2096660000	1909530000	6
Endosulfan sulfate	1780130000	1758020000	1743260000	1786170000	2015130000	1816540000	6
Endrin	1839560000	1783330000	1733210000	1719220000	1849080000	1784880000	3
Endrin aldehyde	1442430000	1420150000	1406370000	1445530000	1630030000	1468900000	6
Endrin ketone	2058440000	2035600000	1996730000	2036760000	2198680000	2065240000	4
gamma-BHC (Lindane)	2044880000	1948100000	1898560000	1840820000	1930350000	1932540000	4
gamma-Chlordane	2039420000	1981560000	1939590000	1926270000	2110630000	1999500000	4
Heptachlor	2056430000	1986220000	1952350000	1922180000	2028780000	1989190000	3
Heptachlor epoxide	1875300000	1820590000	1782480000	1737420000	1697820000	1782720000	4
Methoxychlor	961844000	954043000	952420000	985867000	1072430000	985320000	5
Tetrachloro-m-xylene	1011980000	988950000	1001430000	1024000000	1086110000	1022500000	4

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Calibration Times: 11:35 12:29

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

LAB FILE ID:		CF 100 = <u>PD083931.D</u>		CF 075 = <u>PD083932.D</u>			
CF 050 = <u>PD083933.D</u>		CF 025 = <u>PD083934.D</u>		CF 005 = <u>PD083935.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	5481690000	5470270000	5453020000	5492760000	5795660000	5538680000	3
4,4'-DDE	7050680000	7009770000	6999380000	7029970000	7533610000	7124680000	3
4,4'-DDT	5986840000	5877020000	5764800000	5640140000	5410800000	5735920000	4
Aldrin	7986800000	7923300000	7883790000	7968860000	8382560000	8029060000	3
alpha-BHC	8875690000	8802370000	8700490000	8749660000	9200140000	8865670000	2
alpha-Chlordane	7339470000	7313160000	7320240000	7438350000	7927300000	7467710000	4
beta-BHC	3386550000	3371950000	3399810000	3529560000	3904850000	3518540000	6
Decachlorobiphenyl	6015280000	6046370000	6140920000	6482330000	7425450000	6422070000	9
delta-BHC	8299870000	8217530000	8176550000	8234600000	8672810000	8320270000	2
Dieldrin	7422870000	7401170000	7394420000	7419980000	7902500000	7508190000	3
Endosulfan I	6755000000	6754250000	6795100000	6894890000	7281720000	6896190000	3
Endosulfan II	6230130000	6226480000	6260830000	6352120000	6875760000	6389060000	4
Endosulfan sulfate	5907150000	5905900000	5974210000	6114810000	6698160000	6120050000	5
Endrin	6486780000	6476550000	6501750000	6571510000	7028880000	6613090000	4
Endrin aldehyde	4764570000	4789580000	4832640000	5000540000	5703980000	5018260000	8
Endrin ketone	6535490000	6570060000	6623080000	6797300000	7325310000	6770250000	5
gamma-BHC (Lindane)	8012520000	7959580000	7918770000	8005950000	8081870000	7995740000	1
gamma-Chlordane	7498270000	7434310000	7447310000	7532710000	7991240000	7580770000	3
Heptachlor	8028020000	7989620000	7971290000	8122770000	8505090000	8123360000	3
Heptachlor epoxide	6992720000	7007480000	7027500000	7178610000	7727190000	7186700000	4
Methoxychlor	2838320000	2853400000	2881220000	2979760000	3196300000	2949800000	5
Tetrachloro-m-xylene	5594990000	5577740000	5579670000	5721070000	6274540000	5749600000	5