

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02
Lab Code: CHEM **Case No.:** P1187 **SAS No.:** P1187 **SDG NO.:** P1187
Instrument ID: ECD_D **Calibration Date(s):** 01/24/2024 01/24/2024
Calibration Times: 15:59 16:52
GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID:		CF 100 = <u>PD080834.D</u>		CF 075 = <u>PD080835.D</u>			
CF 050 = <u>PD080836.D</u>		CF 025 = <u>PD080837.D</u>		CF 005 = <u>PD080838.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1683170000	1577890000	1653230000	1574510000	1726810000	1643120000	4
4,4'-DDE	2121410000	1949740000	2128680000	1895210000	2079380000	2034880000	5
4,4'-DDT	1873920000	1741290000	1805840000	1685280000	1798100000	1780890000	4
Aldrin	2559930000	2323950000	2622920000	2266390000	2499920000	2454620000	6
alpha-BHC	2762910000	2455770000	2595770000	2264680000	2340100000	2483850000	8
alpha-Chlordane	2192410000	2023170000	2255350000	2042710000	2373440000	2177420000	7
beta-BHC	1003320000	923907000	1031930000	976842000	1123240000	1011850000	7
Decachlorobiphenyl	1870540000	1876690000	1928140000	2002800000	2384090000	2012450000	11
delta-BHC	2706210000	2420590000	2655380000	2278440000	2483360000	2508800000	7
Dieldrin	2276010000	2093940000	2298440000	2069160000	2310910000	2209690000	5
Endosulfan I	2069340000	1923150000	2141990000	1961200000	2274630000	2074060000	7
Endosulfan II	1911430000	1779570000	1883100000	1872590000	2235450000	1936430000	9
Endosulfan sulfate	1868410000	1806240000	1874390000	1816590000	2128110000	1898750000	7
Endrin	1921110000	1777340000	1904360000	1770760000	1965210000	1867760000	5
Endrin aldehyde	1479670000	1434850000	1481950000	1480110000	1729150000	1521150000	8
Endrin ketone	2037350000	1990980000	2073180000	2033550000	2321080000	2091230000	6
gamma-BHC (Lindane)	2684470000	2369790000	2583370000	2249080000	2351370000	2447610000	7
gamma-Chlordane	2220990000	2046480000	2269890000	2034760000	2373430000	2189110000	7
Heptachlor	2567920000	2299550000	2614550000	2280290000	2569520000	2466370000	7
Heptachlor epoxide	2228360000	2074610000	2324770000	2082620000	2485690000	2239210000	8
Methoxychlor	968695000	976747000	1021530000	1012390000	1167030000	1029280000	8
Tetrachloro-m-xylene	1427560000	1359050000	1390320000	1381910000	1538980000	1419560000	5

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Instrument ID: ECD_D **Calibration Date(s):** 01/24/2024 01/24/2024
Calibration Times: 15:59 16:52
GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID:		CF 100 = <u>PD080834.D</u>		CF 075 = <u>PD080835.D</u>			
CF 050 = <u>PD080836.D</u>		CF 025 = <u>PD080837.D</u>		CF 005 = <u>PD080838.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2650100000	2589830000	2607100000	2546030000	2733240000	2625260000	3
4,4'-DDE	3128290000	3047450000	3052740000	2957000000	3130780000	3063250000	2
4,4'-DDT	2746990000	2679140000	2677520000	2569360000	2592300000	2653060000	3
Aldrin	3687490000	3584470000	3611820000	3525940000	3800290000	3642000000	3
alpha-BHC	3968150000	3847790000	3849160000	3682840000	3837480000	3837080000	3
alpha-Chlordane	3242100000	3177940000	3217710000	3184900000	3525010000	3269530000	4
beta-BHC	1484690000	1469310000	1515600000	1535580000	1807790000	1562590000	9
Decachlorobiphenyl	2495760000	2487970000	2572490000	2648680000	3113150000	2663610000	10
delta-BHC	3860430000	3742840000	3754440000	3606960000	3800370000	3753010000	3
Dieldrin	3435060000	3348990000	3374770000	3287350000	3557810000	3400800000	3
Endosulfan I	3029280000	2977160000	3016260000	2987550000	3303610000	3062770000	4
Endosulfan II	2846110000	2791170000	2832640000	2815370000	3094280000	2875910000	4
Endosulfan sulfate	2703360000	2669320000	2721400000	2726020000	3126790000	2789380000	7
Endrin	2969710000	2906030000	2938750000	2854420000	3148040000	2963390000	4
Endrin aldehyde	2158320000	2168140000	2184340000	2229340000	2533110000	2254650000	7
Endrin ketone	3161290000	3124310000	3182680000	3172960000	3493830000	3227010000	5
gamma-BHC (Lindane)	3825540000	3725500000	3739690000	3609410000	3794540000	3738940000	2
gamma-Chlordane	3279520000	3201170000	3228950000	3169340000	3476070000	3271010000	4
Heptachlor	3465330000	3390030000	3420190000	3333230000	3631620000	3448080000	3
Heptachlor epoxide	3316540000	3260350000	3304680000	3253690000	3612110000	3349480000	4
Methoxychlor	1488040000	1483030000	1535690000	1565320000	1754220000	1565260000	7
Tetrachloro-m-xylene	2357070000	2323380000	2362370000	2333660000	2584280000	2392150000	5