

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM Case No.: P4368 SAS No.: P4368 SDG NO.: P4368

Instrument ID: ECD_D Calibration Date(s): 10/30/2024 10/30/2024

Calibration Times: 12:48 13:44

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

LAB FILE ID:		CF 100 =	<u>PD086258.D</u>	CF 075 =	<u>PD086259.D</u>		
CF 050 =		<u>PD086260.D</u>	CF 025 =	<u>PD086261.D</u>	CF 005 =	<u>PD086262.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1901200000	1826050000	1835870000	1718350000	1753340000	1806960000	4
4,4'-DDE	2378020000	2273790000	2269520000	2123310000	2134070000	2235740000	5
4,4'-DDT	1925660000	1843440000	1848420000	1746150000	1790100000	1830750000	4
Aldrin	2952340000	2831370000	2807410000	2609490000	2538600000	2747840000	6
alpha-BHC	3204580000	3035280000	2978480000	2671370000	2438240000	2865590000	11
alpha-Chlordane	2496170000	2409350000	2434190000	2324400000	2437870000	2420400000	3
beta-BHC	1111990000	1095150000	1134670000	1123560000	1250500000	1143170000	5
Decachlorobiphenyl	1898310000	1883490000	1947320000	1928200000	1928350000	1917130000	1
delta-BHC	3223150000	3075220000	3039150000	2764570000	2676170000	2955650000	8
Dieldrin	2618750000	2516160000	2526080000	2366610000	2417450000	2489010000	4
Endosulfan I	2366590000	2284920000	2313260000	2211530000	2301760000	2295610000	2
Endosulfan II	2161640000	2106640000	2145070000	2077690000	2316370000	2161480000	4
Endosulfan sulfate	2033770000	1982180000	2019990000	1953800000	2056930000	2009330000	2
Endrin	2267880000	2186410000	2172320000	2063920000	2086930000	2155490000	4
Endrin aldehyde	1663460000	1624020000	1663880000	1620480000	1696100000	1653590000	2
Endrin ketone	2294290000	2245270000	2287660000	2210180000	2306410000	2268760000	2
gamma-BHC (Lindane)	3138150000	2991120000	2962700000	2704100000	2529870000	2865190000	9
gamma-Chlordane	2517560000	2414830000	2429250000	2297310000	2378530000	2407500000	3
Heptachlor	2921420000	2802310000	2793740000	2590210000	2568220000	2735180000	6
Heptachlor epoxide	2566450000	2477050000	2496000000	2358820000	2416590000	2462980000	3
Methoxychlor	1050620000	1038890000	1079310000	1069510000	1168950000	1081450000	5
Tetrachloro-m-xylene	1490770000	1449960000	1474970000	1430750000	1457280000	1460750000	2

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

LAB FILE ID:		CF 100 =	<u>PD086258.D</u>	CF 075 =	<u>PD086259.D</u>		
CF 050 =		<u>PD086260.D</u>	CF 025 =	<u>PD086261.D</u>	CF 005 =	<u>PD086262.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	10127300000	10223800000	10826500000	11093700000	12791700000	11012600000	10
4,4'-DDE	12174000000	12212400000	12873100000	13142000000	15026800000	13085700000	9
4,4'-DDT	10597200000	10700700000	11365600000	11696500000	13627200000	11597500000	11
Aldrin	13613700000	13671100000	14428100000	14649700000	16516900000	14575900000	8
alpha-BHC	14656600000	14586800000	15200800000	15169800000	16262000000	15175200000	4
alpha-Chlordane	12206600000	12285300000	13003600000	13419600000	15985200000	13380100000	12
beta-BHC	5722030000	5760320000	6166340000	6452710000	7779030000	6376090000	13
Decachlorobiphenyl	9892700000	9997430000	10584100000	10950900000	12134800000	10712000000	8
delta-BHC	14049800000	14019200000	14710700000	14844300000	16712500000	14867300000	7
Dieldrin	12594000000	12657800000	13419400000	13720300000	15774400000	13633200000	9
Endosulfan I	11213200000	11375400000	12104900000	12564300000	14862300000	12424000000	12
Endosulfan II	10802800000	10944500000	11686200000	12148300000	14443800000	12005100000	12
Endosulfan sulfate	10369100000	10517000000	11224700000	11680100000	14084100000	11575000000	13
Endrin	11163300000	11253600000	11989000000	12373600000	14569000000	12269700000	11
Endrin aldehyde	8479290000	8612810000	9196050000	9588860000	11003900000	9376190000	11
Endrin ketone	11420400000	11607000000	12390200000	12956400000	15210000000	12716800000	12
gamma-BHC (Lindane)	13903000000	13884200000	14529600000	14640600000	16146200000	14620700000	6
gamma-Chlordane	12563400000	12605500000	13330900000	13657700000	15903600000	13612200000	10
Heptachlor	13007600000	13110000000	13915800000	14254300000	16148500000	14087200000	9
Heptachlor epoxide	12029800000	12149200000	12906300000	13292800000	15531600000	13181900000	11
Methoxychlor	5526460000	5669030000	6134660000	6487200000	7776190000	6318710000	14
Tetrachloro-m-xylene	9326340000	9345480000	9857180000	10040900000	10876600000	9889310000	6