

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):** 10/11/2024 10/11/2024
Calibration Times: 11:15 12:09

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

LAB FILE ID:		CF 100 = <u>PD085968.D</u>		CF 075 = <u>PD085969.D</u>			
CF 050 = <u>PD085970.D</u>		CF 025 = <u>PD085971.D</u>		CF 005 = <u>PD085972.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1414210000	1361150000	1345440000	1295200000	1423040000	1367810000	4
4,4'-DDE	1825610000	1742140000	1707960000	1630720000	1755100000	1732310000	4
4,4'-DDT	1548170000	1479120000	1462070000	1412170000	1536630000	1487630000	4
Aldrin	2387850000	2293420000	2239650000	2152470000	2323330000	2279340000	4
alpha-BHC	2382500000	2264420000	2157060000	2001190000	2020560000	2165150000	7
alpha-Chlordane	2066020000	1994070000	1982920000	1952580000	2214680000	2042060000	5
beta-BHC	863096000	849084000	861733000	875779000	1001780000	890295000	7
Decachlorobiphenyl	1978140000	1979450000	2051760000	2178340000	2609630000	2159460000	12
delta-BHC	2208630000	2084010000	2000430000	1852640000	1890140000	2007170000	7
Dieldrin	2133920000	2047780000	2011530000	1950480000	2112410000	2051230000	4
Endosulfan I	1955680000	1890210000	1883080000	1865860000	2128110000	1944590000	6
Endosulfan II	1789980000	1746760000	1757010000	1769550000	2083730000	1829410000	8
Endosulfan sulfate	1706750000	1667810000	1680890000	1694170000	1937390000	1737400000	6
Endrin	1765400000	1689540000	1671450000	1618050000	1771540000	1703200000	4
Endrin aldehyde	1457800000	1428950000	1448510000	1482350000	1743330000	1512190000	9
Endrin ketone	1934630000	1882220000	1884020000	1865870000	2051610000	1923670000	4
gamma-BHC (Lindane)	2340490000	2234280000	2166130000	2071820000	2290060000	2220560000	5
gamma-Chlordane	2058480000	1982310000	1952740000	1912230000	2163900000	2013930000	5
Heptachlor	2091430000	1996010000	1951950000	1874240000	2076680000	1998060000	5
Heptachlor epoxide	2086580000	2016080000	2000380000	2026080000	2296100000	2085050000	6
Methoxychlor	854533000	843074000	868782000	896001000	1042970000	901072000	9
Tetrachloro-m-xylene	1187180000	1167760000	1169390000	1182570000	1363310000	1214040000	7

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Instrument ID: ECD_D **Calibration Date(s):** 10/11/2024 10/11/2024
Calibration Times: 11:15 12:09

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

LAB FILE ID:		CF 100 =	<u>PD085968.D</u>	CF 075 =	<u>PD085969.D</u>		
CF 050 =		<u>PD085970.D</u>	CF 025 =	<u>PD085971.D</u>	CF 005 =	<u>PD085972.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4661610000	4698360000	4926330000	5215120000	6434720000	5187230000	14
4,4'-DDE	6237060000	6237170000	6453550000	6756700000	8285210000	6793940000	13
4,4'-DDT	4944490000	4938980000	5127360000	5274740000	6114270000	5279970000	9
Aldrin	7879280000	7923910000	8132550000	8528290000	10635000000	8619810000	13
alpha-BHC	8523940000	8515490000	8695940000	8994700000	10955400000	9137090000	11
alpha-Chlordane	6816090000	6864160000	7101490000	7507440000	9351760000	7528190000	14
beta-BHC	3284260000	3333690000	3465790000	3705650000	4661530000	3690180000	15
Decachlorobiphenyl	4774330000	4855760000	5095840000	5440810000	6466150000	5326580000	13
delta-BHC	7717280000	7674170000	7868750000	8153180000	9969530000	8276580000	12
Dieldrin	6897360000	6922410000	7181480000	7519840000	9325070000	7569230000	13
Endosulfan I	6173140000	6240100000	6453990000	6868970000	8518550000	6850950000	14
Endosulfan II	5750460000	5810060000	6035640000	6349590000	7728630000	6334880000	13
Endosulfan sulfate	5012510000	5080870000	5313320000	5681460000	7007900000	5619210000	15
Endrin	5549290000	5587850000	5858170000	6224970000	7882630000	6220580000	16
Endrin aldehyde	4642560000	4716580000	4928560000	5264930000	6664810000	5243490000	16
Endrin ketone	6206400000	6255030000	6526870000	6941110000	8651640000	6916210000	15
gamma-BHC (Lindane)	7946330000	7938530000	8138260000	8473140000	10387100000	8576660000	12
gamma-Chlordane	6898630000	6911170000	7145090000	7512200000	9335050000	7560430000	14
Heptachlor	6457850000	6506270000	6788270000	7123630000	8836620000	7142530000	14
Heptachlor epoxide	6712390000	6768490000	7036490000	7485490000	9414430000	7483460000	15
Methoxychlor	2341430000	2393170000	2564670000	2762260000	3305470000	2673400000	15
Tetrachloro-m-xylene	5616020000	5680160000	5887320000	6227140000	7803870000	6242900000	14