

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM Case No.: 04699 SAS No.: 04699 SDG NO.: 04699

Instrument ID: ECD_L Calibration Date(s): 10/03/2023 10/03/2023

Calibration Times: 14:55 15:50

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

LAB FILE ID:		CF 100 =	<u>PL085655.D</u>	CF 075 =	<u>PL085656.D</u>		
	CF 050 =	<u>PL085657.D</u>	CF 025 =	<u>PL085658.D</u>	CF 005 =	<u>PL085659.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1993280000	2051160000	2026670000	1988890000	2013320000	2014660000	1
4,4'-DDE	2810600000	2834170000	2778210000	2707950000	2851810000	2796550000	2
4,4'-DDT	2331100000	2375370000	2338580000	2317790000	2422630000	2357090000	2
Aldrin	3998360000	3981130000	3889630000	3788570000	3724020000	3876340000	3
alpha-BHC	4574950000	4491300000	4327100000	4104450000	3961730000	4291910000	6
alpha-Chlordane	3416330000	3410250000	3374460000	3382830000	3504410000	3417660000	2
beta-BHC	1517420000	1645880000	1666350000	1722330000	1716140000	1653620000	5
Decachlorobiphenyl	2038750000	2085390000	2141580000	2154550000	2469990000	2178050000	8
delta-BHC	3923730000	3989170000	3876840000	3841440000	3540810000	3834400000	5
Dieldrin	3323310000	3341510000	3275150000	3218870000	3271080000	3285980000	1
Endosulfan I	3238550000	3193750000	3163670000	3175950000	3398170000	3234020000	3
Endosulfan II	2657190000	2682660000	2687280000	2704500000	3045880000	2755500000	6
Endosulfan sulfate	2475070000	2489930000	2485020000	2482850000	2615730000	2509720000	2
Endrin	2922140000	2887280000	2818260000	2781010000	2840090000	2849760000	2
Endrin aldehyde	1956140000	1987890000	2015010000	2049380000	2125400000	2026760000	3
Endrin ketone	2861210000	2886680000	2832540000	2816810000	3004120000	2880270000	3
gamma-BHC (Lindane)	4356950000	4285260000	4145950000	3976820000	3901620000	4133320000	5
gamma-Chlordane	3447810000	3442380000	3385350000	3366360000	3465220000	3421420000	1
Heptachlor	3989710000	3923320000	3843540000	3847710000	3733810000	3867620000	2
Heptachlor epoxide	3511050000	3529940000	3425480000	3366620000	3416010000	3449820000	2
Methoxychlor	1305880000	1233400000	1264180000	1347700000	1831930000	1396620000	18
Tetrachloro-m-xylene	2984230000	2985300000	2955850000	2947960000	2997450000	2974160000	1

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Instrument ID: ECD_L Calibration Date(s): 10/03/2023 10/03/2023

Calibration Times: 14:55 15:50

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

LAB FILE ID:				CF 100 =	<u>PL085655.D</u>	CF 075 =	<u>PL085656.D</u>
CF 050 =		<u>PL085657.D</u>	CF 025 =		<u>PL085658.D</u>	CF 005 =	<u>PL085659.D</u>
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	786702000	698763000	687391000	674565000	632799000	696044000	8
4,4'-DDE	937776000	844897000	823686000	782228000	717096000	821137000	10
4,4'-DDT	891025000	797833000	787901000	771584000	705425000	790754000	8
Aldrin	1180740000	1162590000	1117270000	1078150000	1052570000	1118260000	5
alpha-BHC	1374610000	1340690000	1280750000	1198660000	1095960000	1258130000	9
alpha-Chlordane	1114420000	1025260000	1018660000	1037780000	1257510000	1090730000	9
beta-BHC	499231000	513990000	517035000	530689000	541993000	520588000	3
Decachlorobiphenyl	857862000	866640000	889057000	937562000	1063800000	922985000	9
delta-BHC	1219740000	1213760000	1167600000	1110230000	1033530000	1148970000	7
Dieldrin	1030510000	1000450000	972643000	944395000	903112000	970223000	5
Endosulfan I	1006110000	965163000	975010000	1021900000	1395520000	1072740000	17
Endosulfan II	1128270000	897904000	893025000	896509000	939005000	950943000	11
Endosulfan sulfate	1017030000	869302000	863754000	872574000	887918000	902116000	7
Endrin	943304000	918372000	896552000	878558000	858242000	899006000	4
Endrin aldehyde	699157000	702436000	710924000	746207000	869823000	745709000	10
Endrin ketone	1142960000	1117150000	1107500000	1116580000	1262890000	1149410000	6
gamma-BHC (Lindane)	1321340000	1291490000	1247590000	1198100000	1108210000	1233350000	7
gamma-Chlordane	1022110000	1000530000	979556000	968315000	981415000	990385000	2
Heptachlor	1222400000	1181070000	1153890000	1131700000	1126250000	1163060000	3
Heptachlor epoxide	1034850000	1005220000	1003190000	986159000	992593000	1004400000	2
Methoxychlor	653849000	480753000	487660000	504096000	504027000	526077000	14
Tetrachloro-m-xylene	955526000	922865000	930107000	920961000	941106000	934113000	2