

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM Case No.: O2213 SAS No.: O2213 SDG NO.: O2213

Instrument ID: ECD_L Calibration Date(s): 05/19/2023 05/19/2023

Calibration Times: 13:17 14:12

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

LAB FILE ID:				CF 100 =	<u>PL082807.D</u>	CF 075 =	<u>PL082808.D</u>
CF 050 =		<u>PL082809.D</u>	CF 025 =		<u>PL082810.D</u>	CF 005 =	<u>PL082811.D</u>
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2235890000	2177780000	2240610000	2249060000	1961960000	2173060000	6
4,4'-DDE	2810250000	2782330000	2831840000	2785690000	2572430000	2756510000	4
4,4'-DDT	2483050000	2434660000	2558410000	2529630000	2510130000	2503180000	2
Aldrin	3661550000	3491560000	3691960000	3579720000	3165800000	3518120000	6
alpha-BHC	4674400000	4504310000	4717890000	4450030000	3849630000	4439250000	8
alpha-Chlordane	3129290000	3044710000	3215880000	3310080000	3346580000	3209310000	4
beta-BHC	1758810000	1702990000	1856760000	1960730000	2134370000	1882730000	9
Decachlorobiphenyl	1895560000	1936440000	2063390000	2148220000	2443020000	2097330000	10
delta-BHC	3594560000	3443070000	3552840000	3404230000	3199840000	3438910000	5
Dieldrin	3054490000	2964720000	3078450000	3079500000	2862080000	3007850000	3
Endosulfan I	2950800000	2853100000	3013790000	3094690000	3090550000	3000590000	3
Endosulfan II	2538360000	2522570000	2711890000	2926520000	4280300000	2995930000	25
Endosulfan sulfate	2475790000	2448930000	2581490000	2683650000	2628740000	2563720000	4
Endrin	2720880000	2646340000	2735340000	2745300000	2588390000	2687250000	3
Endrin aldehyde	1960510000	1936100000	2034730000	2075470000	2046430000	2010650000	3
Endrin ketone	2563020000	2502110000	2609230000	2642400000	2437230000	2550800000	3
gamma-BHC (Lindane)	4282390000	4179410000	4306200000	4177030000	3769570000	4142920000	5
gamma-Chlordane	3179160000	3067770000	3232190000	3289190000	3116540000	3176970000	3
Heptachlor	3883960000	3743970000	3934140000	3943260000	3607000000	3822470000	4
Heptachlor epoxide	3087830000	3037600000	3197460000	3259140000	3411540000	3198720000	5
Methoxychlor	1265520000	1258420000	1334250000	1405070000	1348650000	1322380000	5
Tetrachloro-m-xylene	2927030000	2858050000	3018230000	3059680000	2832100000	2939020000	3

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Instrument ID: ECD_L Calibration Date(s): 05/19/2023 05/19/2023

Calibration Times: 13:17 14:12

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

LAB FILE ID:		CF 100 =	<u>PL082807.D</u>	CF 075 =	<u>PL082808.D</u>		
		CF 050 =	<u>PL082809.D</u>	CF 025 =	<u>PL082810.D</u>	CF 005 =	<u>PL082811.D</u>
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2029730000	1967880000	2013040000	1918510000	1687000000	1923240000	7
4,4'-DDE	2565590000	2477220000	2540520000	2414720000	2145740000	2428760000	7
4,4'-DDT	2334700000	2267380000	2324860000	2233320000	1994880000	2231030000	6
Aldrin	3382070000	3267370000	3399320000	3259570000	2959790000	3253620000	5
alpha-BHC	3972150000	3821360000	3962760000	3718050000	3182910000	3731440000	9
alpha-Chlordane	3001570000	2944010000	3090140000	3061630000	2912540000	3001980000	3
beta-BHC	1376840000	1368360000	1471620000	1490590000	1443020000	1430090000	4
Decachlorobiphenyl	2244610000	2278250000	2446120000	2592810000	2870920000	2486540000	10
delta-BHC	3482110000	3357570000	3475330000	3258990000	2808280000	3276450000	8
Dieldrin	2921730000	2838110000	2934880000	2834050000	2585830000	2822920000	5
Endosulfan I	2808440000	2746820000	2881050000	2854130000	2681420000	2794370000	3
Endosulfan II	2384940000	2347140000	2473490000	2497240000	2668150000	2474190000	5
Endosulfan sulfate	2393580000	2370040000	2498000000	2505220000	2478100000	2448990000	3
Endrin	2589820000	2523150000	2621190000	2561620000	2388980000	2536950000	4
Endrin aldehyde	1892830000	1877070000	1990130000	2019050000	2108270000	1977470000	5
Endrin ketone	2688930000	2651420000	2772460000	2754290000	2652170000	2703850000	2
gamma-BHC (Lindane)	3457440000	3341740000	3476450000	3319110000	3071770000	3333300000	5
gamma-Chlordane	3030000000	2955400000	3085770000	3039270000	2906510000	3003390000	2
Heptachlor	3735790000	3640610000	3811580000	3717340000	3400120000	3661090000	4
Heptachlor epoxide	2961990000	2909660000	3062080000	3031580000	2874160000	2967890000	3
Methoxychlor	1221660000	1227010000	1296960000	1326340000	1286770000	1271750000	4
Tetrachloro-m-xylene	2573260000	2531350000	2701210000	2665500000	2509130000	2596090000	3