

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WEST04

Lab Code: CHEM **Case No.:** Q1109 **SAS No.:** Q1109 **SDG NO.:** Q1109

Instrument ID: ECD_L **Calibration Date(s):** 12/23/2024 12/23/2024
Calibration Times: 13:15 14:09

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

LAB FILE ID:		CF 100 = <u>PL093484.D</u>		CF 075 = <u>PL093485.D</u>			
CF 050 = <u>PL093486.D</u>		CF 025 = <u>PL093487.D</u>		CF 005 = <u>PL093488.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1621940000	1601100000	1685020000	1757890000	2113830000	1755960000	12
4,4'-DDE	2097720000	2040360000	2142990000	2234520000	2703690000	2243860000	12
4,4'-DDT	1736630000	1688550000	1784110000	1855870000	2177460000	1848520000	10
Aldrin	2739480000	2644310000	2770490000	2873720000	3516330000	2908860000	12
alpha-BHC	3477660000	3206020000	3340110000	3364880000	3873240000	3452380000	7
alpha-Chlordane	2320790000	2264920000	2384480000	2497660000	3046700000	2502910000	13
beta-BHC	1321620000	1298650000	1378880000	1446620000	1762170000	1441590000	13
Decachlorobiphenyl	1661260000	1649170000	1775440000	1867730000	2291490000	1849020000	14
delta-BHC	3024560000	2885810000	2967810000	2997880000	3436900000	3062590000	7
Dieldrin	2323630000	2259870000	2374580000	2480210000	3037140000	2495090000	13
Endosulfan I	2169790000	2119850000	2246090000	2359490000	2901070000	2359260000	13
Endosulfan II	2079450000	1967950000	2094960000	2244490000	2979500000	2273270000	18
Endosulfan sulfate	1819170000	1796010000	1919480000	2039270000	2521220000	2019030000	15
Endrin	1980610000	1930990000	2046720000	2145760000	2658130000	2152440000	14
Endrin aldehyde	1590580000	1583320000	1679660000	1797120000	2221970000	1774530000	15
Endrin ketone	2063700000	2025470000	2127570000	2251850000	2750680000	2243850000	13
gamma-BHC (Lindane)	3189620000	3052290000	3180150000	3224710000	3750380000	3279430000	8
gamma-Chlordane	2340050000	2281170000	2403320000	2499810000	3041090000	2513090000	12
Heptachlor	2746960000	2670120000	2802230000	2919950000	3502290000	2928310000	11
Heptachlor epoxide	2426470000	2365400000	2505620000	2624560000	3249710000	2634350000	14
Methoxychlor	902299000	897910000	965987000	1022970000	1209220000	999678000	13
Mirex	1642270000	1641150000	1760360000	1906290000	2393520000	1868720000	17
Tetrachloro-m-xylene	2318290000	2256280000	2391520000	2493110000	2919250000	2475690000	11

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Instrument ID: ECD_L **Calibration Date(s):** 12/23/2024 12/23/2024
Calibration Times: 13:15 14:09

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

LAB FILE ID:		CF 100 = <u>PL093484.D</u>		CF 075 = <u>PL093485.D</u>			
CF 050 = <u>PL093486.D</u>		CF 025 = <u>PL093487.D</u>		CF 005 = <u>PL093488.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2969360000	2852140000	2831690000	2714170000	2783370000	2830150000	3
4,4'-DDE	3832650000	3639420000	3656470000	3546590000	3711090000	3677240000	3
4,4'-DDT	3215060000	3041820000	3039820000	2905500000	2899310000	3020300000	4
Aldrin	4345680000	4106320000	4115460000	3936670000	4007300000	4102290000	4
alpha-BHC	4680470000	4391020000	4405830000	4157300000	4099330000	4346790000	5
alpha-Chlordane	3914230000	3727230000	3759980000	3681520000	3954030000	3807400000	3
beta-BHC	1797540000	1726560000	1774070000	1776440000	1912840000	1797490000	4
Decachlorobiphenyl	2956580000	2818470000	2885080000	2902790000	3366620000	2985910000	7
delta-BHC	4528040000	4258650000	4266310000	4044840000	4046510000	4228870000	5
Dieldrin	4043510000	3835610000	3838300000	3694190000	3857790000	3853880000	3
Endosulfan I	3574790000	3428030000	3460070000	3382390000	3624490000	3493950000	3
Endosulfan II	3311470000	3237660000	3254890000	3188220000	3252500000	3248950000	1
Endosulfan sulfate	3216080000	3076010000	3113450000	3066780000	3299740000	3154410000	3
Endrin	3457020000	3288270000	3315120000	3193900000	3287350000	3308330000	3
Endrin aldehyde	2707870000	2610810000	2655280000	2645600000	2845870000	2693090000	3
Endrin ketone	3680660000	3542340000	3618450000	3559240000	3801270000	3640390000	3
gamma-BHC (Lindane)	4493780000	4228750000	4260470000	4062450000	4051390000	4219370000	4
gamma-Chlordane	3989810000	3780300000	3791390000	3703680000	3999910000	3853020000	3
Heptachlor	4294490000	4097760000	4159520000	4029940000	4197880000	4155920000	2
Heptachlor epoxide	3890040000	3699480000	3757900000	3697650000	4098450000	3828700000	4
Methoxychlor	1579690000	1538710000	1589880000	1595910000	1744000000	1609640000	5
Mirex	2945640000	2863180000	2956630000	3043350000	3473770000	3056510000	8
Tetrachloro-m-xylene	2947220000	2813690000	2902100000	2859340000	3033640000	2911200000	3