

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ROMA02

Lab Code: CHEM **Case No.:** P4258 **SAS No.:** P4258 **SDG NO.:** P4258

Instrument ID: ECD_L **Calibration Date(s):** 09/23/2024 09/23/2024
Calibration Times: 11:32 12:26

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

LAB FILE ID:		CF 100 = <u>PL091956.D</u>		CF 075 = <u>PL091957.D</u>			
CF 050 = <u>PL091958.D</u>		CF 025 = <u>PL091959.D</u>		CF 005 = <u>PL091960.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1653520000	1647210000	1678500000	1744800000	2254540000	1795720000	14
4,4'-DDE	2066570000	2045910000	2071830000	2104470000	2533330000	2164420000	10
4,4'-DDT	1733900000	1735380000	1754170000	1804510000	2178050000	1841200000	10
Aldrin	2641050000	2607180000	2641830000	2690200000	3307680000	2777590000	11
alpha-BHC	3076620000	3010330000	2985720000	2963000000	3446930000	3096520000	6
alpha-Chlordane	2305920000	2301860000	2353960000	2423920000	2931020000	2463340000	11
beta-BHC	1233660000	1235340000	1269540000	1303030000	1590300000	1326380000	11
Decachlorobiphenyl	1514180000	1546290000	1590790000	1642930000	1896960000	1638230000	9
delta-BHC	2841210000	2757590000	2778760000	2797400000	3246070000	2884210000	7
Dieldrin	2300240000	2292130000	2329590000	2380410000	2891930000	2438860000	10
Endosulfan I	2149020000	2152500000	2207300000	2283480000	2774700000	2313400000	11
Endosulfan II	1992660000	2006240000	2063200000	2160930000	2775610000	2199730000	15
Endosulfan sulfate	1820440000	1836620000	1889410000	1967750000	2397160000	1982280000	12
Endrin	1940880000	1934170000	1971650000	2016300000	2440480000	2060700000	10
Endrin aldehyde	1583540000	1604430000	1647320000	1720460000	2158080000	1742760000	14
Endrin ketone	2055570000	2058040000	2104700000	2152580000	2616930000	2197560000	11
gamma-BHC (Lindane)	2990410000	2948600000	2949110000	2954630000	3651280000	3098800000	10
gamma-Chlordane	2323480000	2305690000	2357460000	2423400000	2945970000	2471200000	11
Heptachlor	2590450000	2581810000	2624270000	2731930000	3298830000	2765460000	11
Heptachlor epoxide	2355250000	2419410000	2410600000	2493740000	3045980000	2544990000	11
Methoxychlor	913738000	926950000	954169000	973623000	1140080000	981712000	9
Tetrachloro-m-xylene	2128490000	2125270000	2145440000	2197480000	2526630000	2224660000	8

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Instrument ID: ECD_L **Calibration Date(s):** 09/23/2024 09/23/2024
Calibration Times: 11:32 12:26

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

LAB FILE ID:		CF 100 = <u>PL091956.D</u>		CF 075 = <u>PL091957.D</u>			
CF 050 = <u>PL091958.D</u>		CF 025 = <u>PL091959.D</u>		CF 005 = <u>PL091960.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2268160000	2177660000	2139850000	1992930000	2102490000	2136220000	5
4,4'-DDE	2937140000	2821610000	2796600000	2614820000	2724050000	2778840000	4
4,4'-DDT	2455710000	2371160000	2329540000	2184000000	2225420000	2313160000	5
Aldrin	3593290000	3455480000	3419630000	3175270000	3361830000	3401100000	4
alpha-BHC	3937530000	3786440000	3690070000	3414870000	3387720000	3643320000	7
alpha-Chlordane	3085390000	2983970000	2990310000	2841400000	3066630000	2993540000	3
beta-BHC	1482940000	1448440000	1465850000	1419920000	1698340000	1503100000	7
Decachlorobiphenyl	2374340000	2399600000	2428470000	2478660000	2828640000	2501940000	7
delta-BHC	3726380000	3579670000	3509320000	3229840000	3313260000	3471690000	6
Dieldrin	3085830000	2978040000	2947180000	2759020000	2889140000	2931840000	4
Endosulfan I	2816250000	2735830000	2741360000	2613670000	2816080000	2744640000	3
Endosulfan II	2561230000	2497720000	2506550000	2398770000	2547770000	2502410000	3
Endosulfan sulfate	2442810000	2382500000	2402520000	2314600000	2520170000	2412520000	3
Endrin	2724440000	2642180000	2624570000	2477520000	2642190000	2622180000	3
Endrin aldehyde	2035320000	2004480000	2019970000	1971180000	2172650000	2040720000	4
Endrin ketone	2811580000	2766230000	2778840000	2679690000	2808370000	2768950000	2
gamma-BHC (Lindane)	3775710000	3629090000	3577820000	3312530000	3359720000	3530980000	5
gamma-Chlordane	3135810000	3020590000	3008060000	2840920000	3037500000	3008580000	4
Heptachlor	3553790000	3434350000	3431490000	3238430000	3595010000	3450610000	4
Heptachlor epoxide	3090900000	2996730000	3012410000	2873000000	3141390000	3022890000	3
Methoxychlor	1228030000	1222750000	1234080000	1223180000	1343690000	1250350000	4
Tetrachloro-m-xylene	2544530000	2497760000	2476670000	2384990000	2636430000	2508080000	4