

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LIRO01

Lab Code: CHEM Case No.: P1747 SAS No.: P1747 SDG NO.: P1747

Instrument ID: ECD_L Calibration Date(s): 03/13/2024 03/13/2024

Calibration Times: 11:35 12:30

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

LAB FILE ID:		CF 100 =	<u>PL088552.D</u>	CF 075 =	<u>PL088553.D</u>		
CF 050 =		<u>PL088554.D</u>	CF 025 =	<u>PL088555.D</u>	CF 005 =	<u>PL088556.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2605150000	2531380000	2454770000	2481810000	2660630000	2546750000	3
4,4'-DDE	3178230000	3063290000	2943150000	2934560000	2819300000	2987700000	5
4,4'-DDT	2748570000	2675830000	2612300000	2652290000	2638400000	2665480000	2
Aldrin	3842560000	3737850000	3597040000	3618370000	3526580000	3664480000	3
alpha-BHC	4339720000	4205870000	3969030000	3909040000	3534820000	3991700000	8
alpha-Chlordane	3376150000	3308060000	3240100000	3339840000	3356100000	3324050000	2
beta-BHC	1684100000	1687030000	1663320000	1806370000	2026390000	1773440000	9
Decachlorobiphenyl	2436610000	2426940000	2397780000	2509440000	2588810000	2471910000	3
delta-BHC	4214440000	4094390000	3928370000	3942460000	3961320000	4028190000	3
Dieldrin	3371550000	3284380000	3180230000	3214960000	3162200000	3242670000	3
Endosulfan I	3084770000	3033680000	2967760000	3061750000	3134370000	3056470000	2
Endosulfan II	2845570000	2805120000	2769760000	2873890000	3026640000	2864190000	3
Endosulfan sulfate	2735040000	2700270000	2673160000	2789900000	2908110000	2761300000	3
Endrin	2848980000	2769640000	2685100000	2723910000	2640970000	2733720000	3
Endrin aldehyde	2079410000	2015110000	2025620000	2093370000	2225670000	2087840000	4
Endrin ketone	2970920000	2937250000	2897030000	2988880000	2987910000	2956400000	1
gamma-BHC (Lindane)	4137770000	4022900000	3836800000	3839840000	3553780000	3878220000	6
gamma-Chlordane	3417730000	3335520000	3245830000	3326580000	3328420000	3330820000	2
Heptachlor	3906610000	3822660000	3706760000	3791550000	3759620000	3797440000	2
Heptachlor epoxide	3430270000	3379140000	3332490000	3460650000	3572360000	3434980000	3
Methoxychlor	1464350000	1467990000	1470780000	1549630000	1579820000	1506510000	4
Tetrachloro-m-xylene	2686870000	2646600000	2568650000	2665410000	2682310000	2649970000	2



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

LAB FILE ID:		CF 100 =	<u>PL088552.D</u>	CF 075 =	<u>PL088553.D</u>		
	CF 050 =	<u>PL088554.D</u>	CF 025 =	<u>PL088555.D</u>	CF 005 =	<u>PL088556.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1308210000	1278550000	1213180000	1224370000	1202550000	1245370000	4
4,4'-DDE	1572130000	1526800000	1437960000	1431260000	1324780000	1458590000	7
4,4'-DDT	1405410000	1379020000	1315320000	1332390000	1278840000	1342200000	4
Aldrin	1919490000	1882120000	1778160000	1777990000	1677600000	1807070000	5
alpha-BHC	2149490000	2111870000	1981390000	1973940000	1830590000	2009460000	6
alpha-Chlordane	1699950000	1675420000	1609760000	1653860000	1660680000	1659930000	2
beta-BHC	833598000	836044000	821970000	871810000	922789000	857242000	5
Decachlorobiphenyl	1307600000	1305320000	1293970000	1392670000	1480040000	1355920000	6
delta-BHC	2068040000	2016000000	1906440000	1877220000	1697630000	1913070000	8
Dieldrin	1709850000	1674230000	1590530000	1604530000	1541610000	1624150000	4
Endosulfan I	1538420000	1524800000	1463270000	1502090000	1487660000	1503250000	2
Endosulfan II	1441390000	1426250000	1384750000	1438120000	1498920000	1437890000	3
Endosulfan sulfate	1384330000	1372290000	1336020000	1397660000	1446900000	1387440000	3
Endrin	1494730000	1474680000	1401130000	1423990000	1412630000	1441430000	3
Endrin aldehyde	1040410000	1017290000	1005900000	1052090000	1124040000	1047950000	4
Endrin ketone	1645070000	1641730000	1597450000	1659920000	1709370000	1650710000	2
gamma-BHC (Lindane)	2052130000	2006750000	1902480000	1885370000	1748880000	1919120000	6
gamma-Chlordane	1715080000	1683250000	1606330000	1642720000	1634210000	1656320000	3
Heptachlor	1878290000	1848380000	1763450000	1785060000	1723470000	1799730000	4
Heptachlor epoxide	1681450000	1663240000	1599880000	1645050000	1632870000	1644500000	2
Methoxychlor	768511000	775219000	768675000	823757000	874190000	802071000	6
Tetrachloro-m-xylene	1356550000	1339940000	1298670000	1341820000	1326710000	1332740000	2