

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: RTHR01

Lab Code: CHEM Case No.: P5093 SAS No.: P5093 SDG NO.: P5093

Instrument ID: ECD_D Calibration Date(s): 11/27/2024 11/27/2024

Calibration Times: 11:29 12:24

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

LAB FILE ID:		CF 100 =	<u>PD086947.D</u>	CF 075 =	<u>PD086948.D</u>		
CF 050 =		<u>PD086949.D</u>	CF 025 =	<u>PD086950.D</u>	CF 005 =	<u>PD086951.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2735920000	2751860000	2720500000	2593130000	2196640000	2599610000	9
4,4'-DDE	3466940000	3483310000	3428400000	3236920000	2652740000	3253660000	11
4,4'-DDT	2976810000	3016480000	2986180000	2850740000	2294240000	2824890000	11
Aldrin	4303360000	4342020000	4283840000	4064060000	3386100000	4075880000	10
alpha-BHC	4430730000	4417540000	4287870000	3934510000	3049510000	4024030000	14
alpha-Chlordane	3688410000	3735310000	3717670000	3596520000	3126240000	3572830000	7
beta-BHC	1535020000	1574520000	1605870000	1624780000	1545840000	1577210000	2
Decachlorobiphenyl	2992430000	3112430000	3225210000	3355650000	3219270000	3181000000	4
delta-BHC	4441430000	4450150000	4327270000	3989360000	3172300000	4076100000	13
Dieldrin	3795690000	3830160000	3790500000	3606960000	3039930000	3612650000	9
Endosulfan I	3433610000	3488040000	3485150000	3390450000	2981670000	3355780000	6
Endosulfan II	3039770000	3116860000	3125360000	3043070000	2620030000	2989020000	7
Endosulfan sulfate	2935550000	2992480000	3015250000	2968900000	2638300000	2910100000	5
Endrin	3202610000	3205890000	3170740000	3021160000	2529400000	3025960000	10
Endrin aldehyde	2421230000	2493410000	2526480000	2516750000	2265480000	2444670000	4
Endrin ketone	3296330000	3359180000	3381450000	3315060000	2874250000	3245250000	6
gamma-BHC (Lindane)	4309810000	4322940000	4222970000	3939130000	3147430000	3988460000	12
gamma-Chlordane	3693230000	3734770000	3697900000	3536080000	3002900000	3532980000	9
Heptachlor	4139080000	4178160000	4114300000	3906950000	3292570000	3926210000	9
Heptachlor epoxide	3736910000	3782610000	3761390000	3628850000	3158060000	3613560000	7
Methoxychlor	1559340000	1605900000	1649440000	1677570000	1504180000	1599280000	4
Tetrachloro-m-xylene	2000110000	2033420000	2050380000	2042900000	1872020000	1999770000	4

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

LAB FILE ID:		CF 100 =	<u>PD086947.D</u>	CF 075 =	<u>PD086948.D</u>		
CF 050 =		<u>PD086949.D</u>	CF 025 =	<u>PD086950.D</u>	CF 005 =	<u>PD086951.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	11760100000	12301100000	12793900000	13300400000	12692400000	12569600000	5
4,4'-DDE	14155700000	14778600000	15427500000	15836500000	15174700000	15074600000	4
4,4'-DDT	12529400000	13132400000	13660600000	14118900000	13228000000	13333900000	4
Aldrin	15620300000	16358700000	17025800000	17589400000	16992600000	16717300000	5
alpha-BHC	16941700000	17566800000	18070700000	18371700000	17153600000	17620900000	3
alpha-Chlordane	14115800000	14778100000	15453400000	16091700000	15971500000	15282100000	5
beta-BHC	6571600000	6878590000	7222790000	7591420000	7544910000	7161860000	6
Decachlorobiphenyl	12637700000	13273000000	13919900000	14734900000	15098700000	13932800000	7
delta-BHC	16154500000	16827000000	17388300000	17766900000	16874600000	17002300000	4
Dieldrin	14473500000	15205700000	15868400000	16478600000	15832800000	15571800000	5
Endosulfan I	12971100000	13685200000	14373300000	14997200000	14955800000	14196500000	6
Endosulfan II	12535400000	13205900000	13860700000	14522400000	14695800000	13764000000	7
Endosulfan sulfate	12304400000	12995800000	13642600000	14344500000	14361500000	13529800000	7
Endrin	12948400000	13556700000	14213900000	14888000000	14336100000	13988600000	5
Endrin aldehyde	10008700000	10601500000	11177500000	11812300000	11869500000	11093900000	7
Endrin ketone	13688700000	14451500000	15217700000	16065800000	15934700000	15071700000	7
gamma-BHC (Lindane)	15964000000	16586900000	17138600000	17562200000	16722600000	16794900000	4
gamma-Chlordane	14510300000	15177500000	15776100000	16334400000	15979600000	15555600000	5
Heptachlor	15015200000	15753600000	16478600000	17132800000	16898300000	16255700000	5
Heptachlor epoxide	13890700000	14599400000	15324600000	15983400000	16121100000	15183900000	6
Methoxychlor	6411610000	6823710000	7271800000	7742890000	7616140000	7173230000	8
Tetrachloro-m-xylene	10635000000	11107400000	11557700000	12009200000	11922500000	11446400000	5