BIOCONCENTRATION FACTOR OF */
AROCLORS 1242 and 1254 IN FATHEAD MINNOWS

NOMINAL WATER CONCENTRATION ug/l	CONCENTRATION FACTOR AROCLOR 1242[1]	AROCLOR 1254[2]
0.23		248,000
0.23		187,000
0.23		265,000
0.23		121,000
0.23		209,000
0.23		260,000
0.52		256,000
0.52		104,000
0.52		123,000
0.52		142,000
0.52		190,000
0.52		200,000
0.52		217,000
0.86	72,000	
0.86	476,000[3]	
0.86	107,000	
1.80		113,000
1.80		46,000
1.80		57,000
1.80		219,000
1.80		254,000

BIOCONCENTRATION FACTOR OF */
AROCLORS 1242 AND 1254 IN FATHEAD MINNOWS

NOMINAL WATER CONCENTRATION ug/l	CONCENTRATION FACTOR AROCLOR 1242[1]	CONCENTRATION FACTOR AROCLOR 1254[2]
1.80		193,000
1.80		201,000
1.80		307,000
2.90	43,000	
2.90	21,000	
2.90	34,000	
2.90	40,000	
4.60		175,000
4.60		262,000
4.60		241,000
4.60		161,000
4.60		272,000
4.60		218,000
5.40	57,000	
5.40	51,000	
5.40	67,000	
5.40	80,000	
5.40	84,000	
5.40	81,000	
5.40	95,000	
	$\bar{X}$ = 64,000	$\bar{X}$ = 194,000

BIOCONCENTRATION FACTOR OF */
AROCLORS 1242 AND 1254 IN FATHEAD MINNOWS

[1]Incubation time 8.5 months

[2]Incubation time 8 months

[3]This circled value appears to be an unusually high anomaly and has not been included in computation of average or range of bioaccumulation factors for Aroclor 1242.

*/ Nebeker, Alan V., Frank A. Puglisi and David L. DeFoe. 1974. Effect of polychlorinated biphenyl compounds on survival and reproduction of the fathead minnow and flagfish. Trans. Amer. Fish. Soc. 103(3):562-568.