

DIOXINS AND FURANS IN FISH/SHELLFISH FROM VANCOUVER AND VICTORIA HARBOURS (BC) - PARTS PER TRILLION

NO.	SITE	LAB ID NO	SPECIES/TISSUE	IND. PER COMP.	2,3,7,8 SUBST. TCDD	TOTAL TCDD	2,3,7,8 SUBST. PCDD	TOTAL PCDD	2,3,7,8 SUBST. H6CDD	TOTAL H6CDD	2,3,7,8 SUBST. H7CDD	TOTAL H7CDD	OCDD	2,3,7,8 SUBST. TCDF	TOTAL TCDF	1,2,3,7,8 PCDF	2,3,4,7,8 PCDF	2,3,7,8 SUBST. PCDF	TOTAL PCDF	2,3,7,8 SUBST. H6CDF	TOTAL H6CDF	2,3,7,8 SUBST. H7CDF	TOTAL H7CDF	OCDF	
BURRARD INLET, B.C. (January, 1992)																									
1	Sturgeon Bank, off Iona Island	TCDD 1296H	Dungeness crab - hepatopancreas	5	2.5	7.2	3.6	14.0	1.1	66.0	9.6	17.0	7.0	60.0	100.0	1.0	1.9	2.9	31.0	0.9	38.0	5.0	7.4	<0.29	
2	Point Grey	TCDD 1297H	Dungeness crab - hepatopancreas	5	4.9	12.0	8.6	30.0	2.4	120.0	18.0	33.0	10.0	100.0	170.0	1.7	5.3	7.0	67.0	2.0	72.0	8.8	14.0	<0.15	
AVERAGE OF SAMPLES 1 & 2					3.7	9.6	6.1	22.0	1.8	93.0	13.8	25.0	8.5	80.0	135.0	1.3	3.6	4.9	49.0	1.4	55.0	6.9	10.7	<0.29	
3	Jericho	TCDD 1299B	Dungeness crab - muscle	5	<0.11	<0.11	<0.15	<0.15	<0.22	3.6	<0.42	<0.42	<0.29	3.1	3.3	<0.11	<0.11	0.0	0.8	<0.16	<0.16	<0.33	<0.33	<0.26	
4	Jericho	TCDD 1299H	Dungeness crab - hepatopancreas		2.9	7.4	4.7	18.0	1.6	82.0	<0.27	9.2	4.7	58.0	90.0	1.0	2.7	3.7	39.0	1.0	55.0	6.9	10.0	<0.35	
5	False Creek	TCDD 1300H	Dungeness crab - hepatopancreas	5	3.0	8.4	5.5	19.0	2.0	59.0	16.0	28.0	17.0	84.0	140.0	2.2	4.0	6.2	63.0	1.4	68.0	8.3	15.0	1.7	
AVERAGE OF SAMPLES 4 AND 5					3.0	7.9	5.1	18.5	1.8	70.5	8.0	18.6	10.9	71.0	115.0	1.6	3.4	5.0	51.0	1.2	61.5	7.6	12.5	0.9	
6	West Vancouver, West Bay	TCDD 1298H	Dungeness crab - hepatopancreas	5	2.0	6.8	4.0	14.0	1.8	90.0	19.0	32.0	14.0	63.0	100.0	1.4	3.3	4.7	48.0	1.6	85.0	13.0	25.0	2.2	
7	Vancouver Harbour, Burrard Yacht Club	TCDD 1301H	Dungeness crab - hepatopancreas	6	1.7	9.1	4.0	17.0	1.8	79.0	22.0	40.0	19.0	32.0	73.0	0.8	1.9	2.7	41.0	1.8	86.0	14.0	23.0	2.2	
AVERAGE OF SAMPLES 6 AND 7					1.9	8.0	4.0	15.5	1.8	84.5	20.5	36.0	16.5	47.5	86.5	1.1	2.6	3.7	44.5	1.7	85.5	13.5	24.0	2.2	
8	Berry Point	TCDD 1302B	Dungeness crab - muscle	5	0.2	0.6	<0.15	<0.15	<0.25	1.6	<0.49	<0.49	<0.74	1.2	1.9	<0.07	<0.07	0.0	<0.07	<0.26	1.7	<0.28	<0.28	<0.85	
9	Bedwell Bay	TCDD 1305B	Dungeness crab - muscle	5	0.3	1.0	<0.08	<0.08	<0.12	4.3	1.4	1.4	<0.48	1.5	7.1	<0.06	<0.06	0.0	3.7	<0.11	5.6	0.8	0.8	<0.22	
AVERAGE OF SAMPLES 8 AND 9					0.2	0.8	<0.15	<0.15	<0.25	3.0	0.7	0.7	<0.74	1.4	4.5	<0.07	<0.07	0.0	1.9	<0.26	3.7	0.4	0.4	<0.85	
10	Berry Point	TCDD 1302H	Dungeness crab - hepatopancreas	5	1.2	2.2	3.1	78.0	1.5	43.0	18.0	33.0	12.0	27.0	64.0	1.6	2.9	4.5	34.0	1.0	38.0	6.5	12.0	<0.49	
11	Reed Point	TCDD 1303H	Dungeness crab - hepatopancreas	5	1.2	8.3	4.7	20.0	2.9	89.5	65.0	110.0	51.5	22.0	53.5	2.5	4.8	7.3	37.0	2.2	97.5	19.5	33.5	3.5	
12	Bedwell Bay	TCDD 1305H	Dungeness crab - hepatopancreas	5	1.4	7.5	5.9	22.0	3.3	91.0	29.0	46.0	23.0	32.0	69.0	2.4	5.8	8.2	40.0	2.3	89.0	12.0	21.0	3.3	
AVERAGE OF SAMPLES 10, 11, 12					1.3	6.0	4.6	40.0	2.6	74.5	37.3	63.0	28.8	27.0	62.2	2.2	4.5	6.7	37.0	1.8	74.8	12.7	22.2	2.3	
13	Croker Island	TCDD 1304B	Dungeness crab - muscle	5	0.2	0.7	<0.06	<0.06	<0.12	1.7	<0.31	<0.31	<0.59	0.9	2.0	<0.09	<0.09	0.0	1.2	<0.11	1.6	<0.15	0.2	<0.58	
14	Croker Island	TCDD 1304H	Dungeness crab - hepatopancreas	5	1.1	5.2	2.7	12.0	1.6	48.0	15.0	25.0	7.3	21.0	46.0	1.5	3.3	4.8	21.0	1.1	33.0	5.8	9.8	0.9	

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					SUBST. TCDD	TOTAL TCDD	SUBST. PCDD	TOTAL PCDD	SUBST. H6CDD	TOTAL H6CDD	SUBST. H7CDD	TOTAL H7CDD		SUBST. TCDF	TOTAL TCDF	PCDF	PCDF	SUBST. PCDF	TOTAL PCDF	SUBST. H6CDF	TOTAL H6CDF	SUBST. H7CDF	TOTAL H7CDF	
VICTORIA HARBOUR, B.C. (January 1992)																								
15	Victoria Harbour	TCDD 1360H	Dungeness crab - hepatopancreas	6	2.9	24.0	14.0	88.0	4.6	280.0	50.0	80.0	17.0	36.0	130.0	3.8	6.4	10.2	180.0	4.2	280.0	37.0	51.0	3.4
16	Victoria Harbour	TCDD 1360B	Dungeness crab - muscle	6	<0.03	1.6	0.7	2.8	<0.08	8.6	1.4	2.4	<0.35	1.6	6.2	0.2	0.2	0.4	5.8	0.2	7.5	1.2	1.6	<0.03
17	Esquimalt, Inner Harbour	TCDD 1361B	Dungeness crab - muscle	2	<0.04	0.3	<0.08	<0.08	<0.1	<0.1	<0.25	<0.25	<0.54	0.4	0.5	<0.04	<0.04	0.0	<0.04	<0.1	<0.1	<0.14	<0.14	<0.45
18	Esquimalt, Inner Harbour	TCDD 1361H	Dungeness crab - hepatopancreas	2	0.3	1.0	0.6	1.5	<0.14	4.7	1.6	3.9	<0.69	5.7	12.0	0.3	0.7	1.0	6.7	<0.09	6.4	3.0	4.0	<0.41
19	Esquimalt, Outer Harbour	TCDD 1362H	Dungeness crab - hepatopancreas	2	0.3	1.1	0.7	1.7	0.2	8.9	3.7	8.2	3.6	6.1	17.0	0.5	0.8	1.3	12.0	<0.11	17.0	7.1	8.6	<0.34
20	Esquimalt, Lagoon	TCDD 1363H	Dungeness crab - hepatopancreas	2	0.3	0.8	0.7	1.2	<0.12	4.7	1.4	3.4	<0.46	4.9	12.0	<0.03	0.5	0.5	4.2	<0.08	5.2	1.1	1.1	<0.21
AVERAGE OF SAMPLES 18, 19, 20					0.3	1.0	0.7	1.5	0.1	6.1	2.2	5.2	1.2	5.6	13.7	0.3	0.6	0.9	7.6	<0.11	9.5	3.7	4.6	<0.41