

Persistent toxic burdens of halogenated phenolic compounds in humans and wildlife
Montaño, Mauricio; Arno Christian Gutleb, AlberTinka Murk.

Tabulated data from selected publications

COLUMN HEAD		COLUMN MEANING	
Entry	Entry identification	Entry number (consecutive)	
REF ID		Arbitrary assigned code to each publication	
Author	Bibliographic information	First author	
Year		Year of publication	
Publisher		Journal	
Volume		Volume	
Number		Number	
Page		First page	
Common name	Population demographics	Reported population common name	
Name		Reported population scientific name	
Species group I		Common name of the corresponding genus or family	
Species group II		Common name of the corresponding order or class	
Gender		Population gender	
Age/Status		Population age group (pregnant females are "pregnant")	
Source		Source of the population	
Year		Last year of sampling	
Region		Population country or region	
Coastal		Weather the population is located on a coastal region, or not, or not specified	
Level of exposure		Population level of exposure to POPs (when stated)	
Original Tissue	Sample details	Tissue originally analyzed	
Tissue		Tissue groups	
n		Number of individuals from which the data is reported	
Lipid %		Percentage of lipid in the tissue (either reported or average from other reported values)	
Average		Type of central tendency value (AM= arithmetic mean, GM= geometric mean)	
LD values		Values below limit of detection (All= all values above limit of detection, NS>MDL= the number of samples above the minimum detection limit is reported, Sam<LOD= some reported samples were below detection limits.	
PCB 105	Reported PCB values	Reported individual PCB concentrations ng/g ww	
PCB 118			
PCB 153			
PCB 138			
PCB 146			
PCB 180			
PCB 183			
PCB 187			
>PCB 153			
No of cong summed			No of congeners included in the reported sum
Sum PCBs	Average reported sum of PCBs		
> Sum PCBs	Highest reported sum of PCBs		
4-OH PCB 107	Reported individual OH-PCB concentrations ng/g ww	Reported individual OH-PCB concentrations ng/g ww	
3-OH PCB 153			
3'-OH PCB 138			
4-OH PCB 146			
4-OH PCB 187			
No of cong summed			No of congeners included in the reported sum
Sum OH-PCBs			Average reported sum of OH-PCBs
< Sum OH PCBs			Lowest reported sum of OH-PCBs
>Sum OH PCBs			Highest reported sum of OH-PCBs
Sum OH PCBs (nM)			Calculated PCB values
<Sum OH PCBs (nM)	Calculated lowest reported sum of OH-PCBs in nM units		
>Sum OH PCBs (nM)	Calculated highest reported sum of OH-PCBs in nM units		
PCB Ratio sum	Ratio between average reported sum of OH-PCBs and PCBs		
PCB Ratio >Sum	Ratio between highest reported sum of OH-PCBs and PCBs		

Continue next page ...

Continuation from previous page...

Tabulated data from selected publications

COLUMN HEAD		COLUMN MEANING
BDE-47		
BDE 99		
BDE 100		
BDE 153		Reported individual PBDEs concentrations ng/g ww
BDE 154-BB 153		
BDE 209		
>BDE 47		
No cong summed		No of congenered included in the reported sum
Sum BDEs		Average reported sum of PBDEs
>Sum BDEs		Highest reported sum of PBDEs
2'-OH BDE 68	Reported PBDE values	
4'-OH BDE 17		
4-OH-BDE 42		
3-OH-BDE 47		Reported individual OH-PBDEs concentrations ng/g ww
6-OH BDE 47		
4'-OH BDE 49		
4-OH-BDE 90		
No cong summed		No of congenered included in the reported sum
Sum OH-BDEs		Average reported sum of OH-PBDEs
< Sum OH-BDEs		Lowest reported sum of OH-PBDEs
>Sum OH-BDEs		Highest reported sum of OH-PBDEs
Sum OH PBDEs (nM)		Calculated average reported sum of OH-PBDEs in nM units
<Sum OH PBDEs (nM)		Calculated lowest reported sum of OH-PBDEs in nM units
>Sum OH PBDEs (nM)	Calculated PBDE values	Calculated highest reported sum of OH-PBDEs in nM units
BDE Ratio Sum		Ratio between average reported sum of OH-PBDEs and PBDEs
BDE Ratio >Sum		Ratio between highest reported sum of OH-PBDEs and PBDEs
Sum MeSO4 PCB		Average reported sum of MeSO4 PCBs ng/g ww
>Sum MeSO4 PCB	MeSO4 PCBs values	Highest reported sum of MeSO4 PCBs ng/g ww
MeSO4 Ratio		Ration between average reported sums of MeSO4 PCBs and PCBs
Sum MeO PBDE		Average reported sum of MeO PCBs ng/g ww
>Sum MeO PBDE	MeO PCB values	Highest reported sum of MeO PCBs ng/g ww
MeO Ratio PBDE		Ration between average reported sums of MeO PCBs and PCBs
Sum PCP		Average reported PCP concentration ng/g ww
>Sum PCP	PCP values	Highest reported PCP concentration ng/g ww
Sum PCP nM		Average calculated PCP concentration nM
>Sum PCP nM		Highest calculated PCP concentration nM
2,4,5 TBP		Reported individual concentration of TBPs ng/g ww
2,4,6 TBP		
Sum TBP	TBP values	Average reported sum of TBPs in ng/g ww
>Sum TBP		Highest reported sum of TBPs in ng/g ww
Sum TBP nM		Calculated sum of TBPs in nM
Sum 4-OH HpCS		Average reported 4-OH HpCS concentration ng/g ww
>Sum 4-OH HpCS	4-OH HpCS values	Highest reported 4-OH HpCS concentration ng/g ww
Sum 4-OH HpCS nM		Average calculated 4-OH HpCS concentration nM
>Sum 4-OH HpCS nM		Highest calculated 4-OH HpCS concentration nM
< Sum of HPCs nM		Sum of all calculated lowest sum of HPCs in nM
Sum of HPCs nM	Total HPC sum in nM	Sum of all calculated average sum of HPCs in nM
> Sum of HPCs nM		Sum of all calculated highest sum of HPCs in nM

Entry No	REF ID	Author	Year	Publisher	Volume	Number	Page
1	Exp-OH-1	Bergman A	1994	Environmental health perspectives	102		464
2	Exp-OH-1	Bergman A	1994	Environmental health perspectives	102		464
3	Exp-OH-33	Klasson-Wehler	1998	Environmental toxicology and chemistry	17	8	1620
4	Exp-OH-33	Klasson-Wehler	1998	Environmental toxicology and chemistry	17	8	1620
5	Exp-OH-33	Klasson-Wehler	1998	Environmental toxicology and chemistry	17	8	1620
6	Exp-OH-39	Olsson A	2000	Environmental Science and Technology	34		2733
7	Exp-OH-8	Sandau CD	2000	Environmental health perspectives	108	7	611
8	Exp-OH-8	Sandau CD	2000	Environmental health perspectives	108	7	611
9	Exp-OH-8	Sandau CD	2000	Environmental health perspectives	108	7	611
10	Exp-OH-51	Sandau CD	2000	Environmental Science & Technology	34	18	3871
11	Exp-OH-51	Sandau CD	2000	Environmental Science & Technology	34	18	3871
12	Exp-OH-34	Sjödin	2000	Environmental health perspectives	108	11	1035
13	Exp-OH-34	Sjödin	2000	Environmental health perspectives	108	11	1035
14	Exp-OH-34	Sjödin	2000	Environmental health perspectives	108	11	1035
15	Exp-OH-34	Sjödin	2000	Environmental health perspectives	108	11	1035
16	Exp-OH-34	Sjödin	2000	Environmental health perspectives	108	11	1035
17	Exp-OH-34	Sjödin	2000	Environmental health perspectives	108	11	1035
18	Exp-OH-57	Hagmar	2001	Archives of environmental health	56	2	138
19	Exp-OH-3	Fängström B	2002	Environmental health perspectives	110	9	895
20	Exp-OH-3	Fängström B	2002	Environmental health perspectives	110	9	895
21	Exp-OH-4	Meironité Guvenius D	2002	Environmental toxicology and chemistry	21	11	2264
22	Exp-OH-4	Meironité Guvenius D	2002	Environmental toxicology and chemistry	21	11	2264
23	Exp-OH-7	Sandau CD	2002	Environmental health perspectives	110	4	411
24	Exp-OH-7	Sandau CD	2002	Environmental health perspectives	110	4	411
25	Exp-OH-7	Sandau CD	2002	Environmental health perspectives	110	4	411
26	Exp-OH-2	Campbell LM	2003	Environmental Science and Technology	37		1720
27	Exp-OH-2	Campbell LM	2003	Environmental Science and Technology	37		1720
28	Exp-OH-2	Campbell LM	2003	Environmental Science and Technology	37		1720
29	Exp-OH-2	Campbell LM	2003	Environmental Science and Technology	37		1720
30	Exp-OH-5	Hoekstra	2003	Environmental toxicology and chemistry	22	11	2650
31	Exp-OH-5	Hoekstra	2003	Environmental toxicology and chemistry	22	11	2650
32	Exp-OH-46	Li H	2003	Environmental Science and Technology	37		832
33	Exp-OH-46	Li H	2003	Environmental Science and Technology	37		832
34	Exp-OH-46	Li H	2003	Environmental Science and Technology	37		832
35	Exp-OH-46	Li H	2003	Environmental Science and Technology	37		832
36	Exp-OH-46	Li H	2003	Environmental Science and Technology	37		832
37	Exp-OH-46	Li H	2003	Environmental Science and Technology	37		832
38	Exp-OH-46	Li H	2003	Environmental Science and Technology	37		832
39	Exp-OH-58	Meironité Guvenius D	2003	Environmental health perspectives	111	9	1235

Entry No	Common name	Name	Species group I	Species group II	Gender	Age/Status	Source	Year	Entry No
1	Grey seal	Halichoerus grypus	Seal	Mammals	Females	Adult	Survey	1994	1
2	Human	Homo Sapiens	Human	Human	Mixed	Adult	Survey	1994	2
3	Laysan albatrossess	Diomedea immutabilis	Albatross	Birds	Mixed	Adult	Survey	1993	3
4	Black-footed albatrossess	Diomedea nigripes	Albatross	Birds	Mixed	Adult	Survey	1993	4
5	Laysan albatrossess	Diomedea immutabilis	Albatross	Birds	Mixed	Adult	Survey	1993	5
6	White-Tailed sea Eagle	Haliaeetus albicilla	Eagle	Birds	Mixed	Juvenile	Survey	1998	6
7	Human	Homo Sapiens	Human	Human	Females	Adult	Survey	1992	7
8	Human	Homo Sapiens	Human	Human	Males	Adult	Survey	1992	8
9	Human	Homo Sapiens	Human	Human	Mixed	Adult	Survey	1992	9
10	Polar Bear	Ursus maritimus	Polar Bear	Mammals	Mixed	Adult	Survey	1997	10
11	Ringed seal	Phoca hispida	Seal	Mammals	Mixed	Adult	Hunters	1999	11
12	Human	Homo Sapiens	Human	Human	Males	Adult	Survey low fish	1991	12
13	Human	Homo Sapiens	Human	Human	Males	Adult	Survey low fish	1991	13
14	Human	Homo Sapiens	Human	Human	Males	Adult	Survey moderate fish	1991	14
15	Human	Homo Sapiens	Human	Human	Males	Adult	Survey moderate fish	1991	15
16	Human	Homo Sapiens	Human	Human	Males	Adult	Survey high fish	1991	16
17	Human	Homo Sapiens	Human	Human	Males	Adult	Survey high fish	1991	17
18	Human	Homo Sapiens	Human	Human	Males	Adult	Survey	1993	18
19	Human	Homo Sapiens	Human	Human	Females	Pregnant	Cohort	1995	19
20	Human	Homo Sapiens	Human	Human	Females	Pregnant	Cohort	1995	20
21	Human	Homo Sapiens	Human	Human	Mixed	Adult	Autopsy	1994	21
22	Human	Homo Sapiens	Human	Human	Mixed	Adult	Autopsy	1994	22
23	Human	Homo Sapiens	Human	Human	Mixed	Fetus	Survey	1996	23
24	Human	Homo Sapiens	Human	Human	Mixed	Fetus	Survey	1996	24
25	Human	Homo Sapiens	Human	Human	Mixed	Fetus	Survey	1996	25
26	Lake trout	Salvelinus namaycush	Trout	Fish	Mixed	Adult	Survey	2001	26
27	Lake trout	Salvelinus namaycush	Trout	Fish	Mixed	Adult	Survey	2001	27
28	Lake trout	Salvelinus namaycush	Trout	Fish	Mixed	Adult	Survey	2001	28
29	Lake trout	Salvelinus namaycush	Trout	Fish	Mixed	Adult	Survey	2001	29
30	Bowhead whale	Balaena mysticetus	Whale	Cetacean	Mixed	Adult	Hunters	2000	30
31	Bowhead whale	Balaena mysticetus	Whale	Cetacean	Mixed	Adult	Hunters	2000	31
32	Common carp	Cyprinus caprio	Carp	Fish	Mixed	Adult	Survey	2002	32
33	Bigmouth buffalo	Ictiobus cyprinellus	Buffalo	Fish	Mixed	Adult	Survey	2002	33
34	Brown bullhead	Ameiurus nebulosus	Bullhead	Fish	Mixed	Adult	Survey	2002	34
35	Lake sturgeon	Acipenser fulvescens	Sturgeon	Fish	Mixed	Adult	Survey	2002	35
36	Largemouth bass	Micropterus salmoides	Bass	Fish	Mixed	Adult	Survey	2002	36
37	Bowfin	Amia calva	Bowfin	Fish	Mixed	Adult	Survey	2002	37
38	Longnose gar	Lepisosteus osseus	Gar	Fish	Mixed	Adult	Survey	2002	38
39	Human	Homo Sapiens	Human	Human	Females	Pregnant	Survey	2001	39

Region	Coastal	Level of exposure	Original Tissue	Tissue	n	Lipid %	Average	LD values
Sweeden	YES	Not especif	Plasma	Blood	5	100.0	AM	NR
Sweeden	YES	Not especif	Plasma	Blood	5	1.0	AM	NR
Mid Attoll	YES	Medium	Plasma	Blood	5	1.4	AM	NR
Mid Attoll	YES	High	Plasma	Blood	5	1.4	AM	NR
Mid Attoll	YES	Medium	Liver	Liver	10	3.5	AM	NR
Sweden	YES	High	W.Blood	Blood	33	0.5	GM	All
Canada	Not specif	High	W.Blood	Blood	17	1.0	GM	NR
Canada	Not specif	High	W.Blood	Blood	13	1.0	GM	NR
Canada	Not specif	Low	W.Blood	Blood	1	1.0	Median	NR
Canada	YES	Not especif	Plasma	Blood	30	1.0	AM	All
Canada	YES	Not especif	Plasma	Blood	5	0.7	AM	All
Latvia	YES	Low	Plasma	Blood	19	0.7	Median	All
Sweeden	YES	Low	Plasma	Blood	22	1.0	Median	All
Latvia	YES	Medium	Plasma	Blood	26	1.0	Median	All
Sweeden	YES	Medium	Plasma	Blood	20	1.0	Median	All
Latvia	YES	High	Plasma	Blood	11	1.0	Median	All
Sweeden	YES	High	Plasma	Blood	12	1.0	Median	All
Baltic	YES	Not especif	Plasma	Blood	110	1	GM	NR
Faroe Islands	YES	High	Serum	Blood	21	0.8	AM	All
Faroe Islands	YES	Low	Serum	Blood	15	0.8	AM	All
Sweeden	Not specif	Not especif	Adipose	Adipose	5	84.0	AM	NR
Sweeden	Not specif	Not especif	Liver	Liver	5	7.0	AM	NR
Canada	YES	High	Cord plasma	Blood	10	0.5	GM	NR
Canada	YES	Medium	Cord plasma	Blood	10	0.5	GM	NR
Canada	Not specif	Low	Cord plasma	Blood	10	0.5	GM	NR
Lake Ontario	NO	High	Plasma	Blood	9	0.2	AM	NR
Lake Champlain	NO	Low	Plasma	Blood	1	0.2	AM	NR
Lake Ontario	NO	High	Plasma	Blood	2	0.2	AM	NR
Lake superior	NO	High	Plasma	Blood	4	0.2	AM	NR
USA	YES	Not especif	Plasma	Blood	19	1.7	AM	NS>MDL
USA	YES	Not especif	Blubber	Blubber	20	89.0	AM	NS>MDL
Detroit	NO	Not especif	Plasma	Blood	5	1.4	AM	NR
Detroit	NO	Not especif	Plasma	Blood	1	0.9	AM	NR
Detroit	NO	Not especif	Plasma	Blood	2	1.6	AM	NR
Detroit	NO	Not especif	Plasma	Blood	1	0.6	AM	NR
Detroit	NO	Not especif	Plasma	Blood	3	1.6	AM	NR
Detroit	NO	Not especif	Plasma	Blood	2	1.0	AM	NR
Detroit	NO	Not especif	Plasma	Blood	2	2.0	AM	NR
Swede	Not specif	Not especif	Plasma	Blood	15	0.7	Median	Sam<LOD

Entry No	PCB 105	PCB 118	PCB 153	PCB 138	PCB 146	PCB 180	PCB 183	PCB 187	>PCB 153	No of cong summed	Sum PCBs	> Sum PCBs
1											300	830
2											36	53
3	0.7	3.5	6.1	1.4			0.5			9	18.3	22.3
4	3.2	16.3	35.2	9.2			2.9			9	83.8	160
5	5.95	26.6	45.5	10.15	0		3.15	0	84	9	148.75	286.73
6		6.1	19	15		6.5		4.6		14	95	110
7			1.96						9.51	6	7.91	38.1
8			3.12						13.9	6	12.9	65.9
9			0.74							6	0.488	
10											46.9	161
11											27.1	16.5
12	0.09	0.43	1.6	1.2	0.13	0.74	0.079	0.34	0.23	14	5.5	8.9
13	0.25	0.16	2.2	1.6	0.18	1.6	0.18	0.37	0.39	14	7.8	14
14	0.097	0.39	1.3	1.1	0.15	0.87	0.084	0.58	0.66	14	5.2	21
15	0.13	0.56	4.1	3.6	0.46	2.8	0.34	0.78	0.73	14	15	28
16	0.43	2	9.2	7.3	0.95	4.2	0.43	1.2	1.7	14	30	53
17	0.16	0.67	4.5	3.6	0.49	2.6	0.38	0.9	1	14	16	36
18			3.28							18	11.37	36.17
19	0.65	3.02	12.45	9.13	1.74	7.39	1.079	4.316	24.9	18	49.0	99.6
20	0.09	0.40	1.577	1.162	0.22	1.00	0.1079	0.5478	12.45	18	6.2	48.97
21	6.7	37.8	165.5	109.2					520.8		630.0	1751.4
22	0.7	1.4	16.9	10.57					53.7		65.5	164.0
23	0.019	0.067	0.262	0.157	0.023	0.118	0.014	0.039	1.34	50	1.51	6.23
24	0.037	0.155	0.43	0.232	0.054	0.146	0.023	0.102	1.35	50	2.71	7.72
25	0.011	0.035	0.104	0.054	0.011	0.04	0.007	0.038	0.199	50	0.843	1.65
26	3.78		9.7	10.95				7.9	13.1	50	136	257
27	1.67		4.1	4.91				2.3	6.4	50	63	87
28	7.96		28.1	29.35				11.4	42.7	50	511	1246
29	2.66		32.5	23.4				8.8	97.5	50	101	234
30			0.46						0.82	120	2.78	9.37
31										120	401	
32			3.98						7.9	NR	136.1	193.6
33			0.72						0.85	NR	50.72	70.35
34			0.8						0.93	NR	59.46	80.53
35			0.36						0.53	NR	10.41	11.25
36			3.29						3.75	NR	163	210.6
37			7.55						8.31	NR	63.66	78.3
38			3.46						5.82	NR	118	134.87
39	0.014	0.056	0.392	0.273					1.421	15	1.56	3.128

Entry No	4-OH PCB 107	3-OH PCB 153	3'-OH PCB 138	4-OH PCB 146	4-OH PCB 187	No of cong summed	Sum OH-PCBs	< Sum OH PCBs	>Sum OH PCBs	Sum OH PCBs (nM)	<Sum OH PCBs (nM)	>Sum OH PCBs (nM)	PCB Ratio sum	PCB Ratio >Sum
1														
2							3.6			9.5			0.10	0.000
3							11.5	5.9	18.5	30.4	15.6	48.8	0.57	0.890
4							27.1	20	33	71.5	52.8	87.1	0.39	0.780
5														
6				0.89	2.8		3.69	3.4	4.5	9.7	9.0	11.9	0.04	0.041
7	0.234	0.049	0.02	0.111	0.152	11	1.01	0.11	11.6	2.7	0.3	30.6	0.13	0.304
8	0.314	0.085	0.038	0.219	0.293	11	1.73	0.162	10.1	4.6	0.4	26.7	0.13	0.153
9	0.025	0.002	0.002	0.008	0.031	11	0.161			0.4	0.0	0.0	0.33	
10							92.6	26.4	576	244.5	69.7	1520.6	1.97	3.578
11							0.081			0.2			0.00	0.000
12	0.82	0.12	0.18	0.31	0.34	5	2	1.05	2.9	5.3	2.8	7.7	0.36	0.326
13	0.36	0.15	0.2	0.39	0.74	5	1.8	0.95	4.5	4.8	2.5	11.9	0.23	0.321
14	0.73	0.16	0.2	0.44	0.55	5	2.3	0.11	10	6.1	0.3	26.4	0.44	0.476
15	0.78	0.3	0.43	1	1.2	5	3.5	0.18	7.5	9.2	0.5	19.8	0.23	0.268
16	2.9	0.57	0.74	1.6	1.2	5	7.5	0.75	22	19.8	2.0	58.1	0.25	0.415
17	0.58	0.2	0.28	0.66	0.68	5	2.4	0.24	9.8	6.3	0.6	25.9	0.15	0.272
18	0.87						2.55	1.21	11.06	6.7	3.2	29.2	0.22	0.306
19	0.49	0.49	0.64	1.1	1.6	5	5	0.37	8.1	13.2	1.0	21.4	0.10	0.081
20	0.084	0.1	0.11	0.15	0.27	5	0.75	0.34	4.6	2.0	0.9	12.1	0.12	0.094
21	0.084	0.084	0.504	0.084	0.168		1.26		7.2				0.00	0.004
22	0.14	0.14	3.5	0.0112	0.028		4.06		12.2				0.06	0.074
23	0.012	0.019	0.01	0.037	0.047	15	0.286	0.103	0.788	0.8	0.3	2.1	0.19	0.126
24	0.049	0.023	0.022	0.081	0.095	15	0.553	0.238	1.75	1.5	0.6	4.6	0.20	0.227
25	0.011	0.006	0.005	0.012	0.028	15	0.234	0.147	0.464	0.6	0.4	1.2	0.28	0.281
26					0.0755	17	0.13	0.065	0.38	0.3	0.2	1.0	0.00	0.001
27					0.0178	17	0.031	0.015	0.063	0.1	0.0	0.2	0.00	0.001
28	0.0049				0.104	17	0.3	0.105	0.48	0.8	0.3	1.3	0.00	0.000
29	0.0015				0.061	17	0.2	0.08	0.48	0.5	0.2	1.3	0.00	0.002
30					0.39	3	1.52	0.53	3.8	4.0	1.4	10.0	0.55	0.406
31					0.39	3								
32			5.04		1.16	NR	9.17	1.29	29.49	24.2	3.4	77.9	0.07	0.152
33			37.71		0.8	NR	42.09	14.48	69.7	111.1	38.2	184.0	0.83	0.991
34			0.001		0.02	NR	0.57	0.47	0.67	1.5	1.2	1.8	0.01	0.008
35			11.89		1.66	NR	15.52	14.32	16.72	41.0	37.8	44.1	1.49	1.486
36			2.94		5.62	NR	11.33	1.4	30.6	29.9	3.7	80.8	0.07	0.145
37			51.9		6.24	NR	78.72	72.9	84.5	207.8	192.4	223.1	1.24	1.079
38			109.3		14.2	NR	129.5	87.46	171.6	341.9	230.9	453.0	1.10	1.272
39	0.01	0.007	0.009	0.029	0.003	12	0.124	0.082	0.328	0.3	0.2	0.9		

Entry No	BDE-47	BDE 99	BDE 100	BDE 153	BDE 154- BB 153	BDE 209	>BDE 47	No cong summed	Sum BDEs	>Sum BDEs	2'-OH BDE 68	4'-OH BDE 17	4-OH-BDE 42
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12	0.0026												
13	0.004												
14	0.0065												
15	0.018												
16	0.024												
17	0.022												
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32													
33													
34													
35													
36													
37													
38													
39													

Entry No	3-OH-BDE 47	6-OH BDE 47	4'-OH BDE 49	4-OH-BDE 90	No cong summed	Sum OH-BDEs	< Sum OH-BDEs	>Sum OH-BDEs	Sum OH PBDEs (nM)	<Sum OH PBDEs (nM)	>Sum OH PBDEs (nM)	BDE Ratio Sum	BDE Ratio >Sum
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32													
33													
34													
35													
36													
37													
38													
39													

Entry No	Sum PCP	>Sum PCP	Sum PCP nM	>Sum PCP nM	2,4,5 TBP	2,4,6 TBP	Sum TBP	>Sum TBP	Sum TBP nM	Sum 4-OH HpCS	>Sum 4-OH HpCS	Sum 4-OH HpCS nM	>Sum 4-OH HpCS nM	< Sum of HPCs nM	Sum of HPCs nM	> Sum of HPCs nM
1																
2															9.5	0.0
3														15.6	30.4	48.8
4														52.8	71.5	87.1
5																
6														9.0	9.7	11.9
7	1.59	7.51	5.97	28.2										0.3	8.6	58.8
8	2.74	7.77	10.29	29.2										0.4	14.9	55.8
9	6.29		23.61												24.0	0.0
10	0.21	0.531	0.79	2.0						9.11	22.9	25.20	6.33	69.7	270.4	1528.9
11	0.23		0.86							0.062		0.17			1.2	0.0
12	6.1	34	22.90	127.7										2.8	28.2	135.3
13	16	50	60.06	187.7										2.5	64.8	199.6
14	4.2	8.2	15.77	30.8										0.3	21.8	57.2
15	7.2	14	27.03	52.6										0.5	36.3	72.4
16	3.3	15	12.39	56.3										2.0	32.2	114.4
17	11	18	41.29	67.6										0.6	47.6	93.5
18	6.44	19.83	24.17	74.5										3.2	30.9	103.7
19														1.0	13.2	21.4
20														0.9	2.0	12.1
21																
22																
23	1.87	7.68	7.02	28.8						0.031	0.177	0.09	0.05	0.3	7.9	31.0
24	1.43	3.64	5.37	13.7						0.034	0.139	0.09	0.04	0.6	6.9	18.3
25	1.74	4.09	6.53	15.4						0.005	0.021	0.01	0.01	0.4	7.2	16.6
26														0.2	0.3	1.0
27															0.1	0.2
28	0.357	0.658	1.34	2.5						0.023	0.027	0.06	0.01	0.3	2.2	3.7
29	0.244	0.451	0.92	1.7						0.0006	0.009	0.00	0.00	0.2	1.4	3.0
30	1.55	3.48	5.82	13.1										1.4	9.8	23.1
31																
32	0.36	0.77	1.35	2.9						0.07	0.18	0.19	0.05	3.4	25.8	80.8
33	0.64	1	2.40	3.8						0.02	0.04	0.06	0.01	38.2	113.6	187.8
34	0.09	0.14	0.34	0.5						0.01	0.02	0.03	0.01	1.2	1.9	2.3
35	0.06	0.06	0.23	0.2										37.8	41.2	44.4
36	1.62	1.63	6.08	6.1						0.06	0.09	0.17	0.02	3.7	36.2	86.9
37	0.23	0.3	0.86	1.1										192.4	208.7	224.2
38	0.21	0.25	0.79	0.9						0.16	0.22	0.44	0.06	230.9	343.1	454.0
39	2.83	13.2	10.62	49.6										0.2	11.0	50.4

Entry No	REF ID	Author	Year	Publisher	Volume	Number	Page
40	Exp-OH-58	Meironité Guvenius D	2003	Environmental health perspectives	111	9	1235
41	Exp-OH-58	Meironité Guvenius D	2003	Environmental health perspectives	111	9	1235
42	Exp-OH-52	Sandager T M	2004	Journal of environmental monitoring	6		758
43	Exp-OH-6	Sandala GM	2004	Science of the total environment	331		125
44	Exp-OH-6	Sandala GM	2004	Science of the total environment	331		125
45	Exp-OH-13	Soechitram SD	2004	Environmental health perspectives	112	11	1208
46	Exp-OH-13	Soechitram SD	2004	Environmental health perspectives	112	11	1208
47	Exp-OH-15	Fängström B	2005	Environmental Science and Technology	39		9457
48	Exp-OH-15	Fängström B	2005	Environmental Science and Technology	39		9457
49	Exp-OH-40	Fängström B	2005	AMBIO	34	3	184
50	Exp-OH-47	Valters K	2005	Environmental Science and Technology	39		5612
51	Exp-OH-47	Valters K	2005	Environmental Science and Technology	39		5612
52	Exp-OH-47	Valters K	2005	Environmental Science and Technology	39		5612
53	Exp-OH-47	Valters K	2005	Environmental Science and Technology	39		5612
54	Exp-OH-47	Valters K	2005	Environmental Science and Technology	39		5612
55	Exp-OH-47	Valters K	2005	Environmental Science and Technology	39		5612
56	Exp-OH-47	Valters K	2005	Environmental Science and Technology	39		5612
57	Exp-OH-9	Verreault J	2005	Environmental toxicology and chemistry	24	10	2486
58	Exp-OH-9	Verreault J	2005	Environmental toxicology and chemistry	24	10	2486
59	Exp-OH-9	Verreault J	2005	Environmental toxicology and chemistry	24	10	2486
60	Exp-OH-10	Verreault J	2005	Environmental Science and Technology	39		6021
61	Exp-OH-10	Verreault J	2005	Environmental Science and Technology	39		6021
62	Exp-OH-10	Verreault J	2005	Environmental Science and Technology	39		6021
63	Exp-OH-18	Cuadra SN	2006	AMBIO	35	3	109
64	Exp-OH-18	Cuadra SN	2006	AMBIO	35	3	109
65	Exp-OH-18	Cuadra SN	2006	AMBIO	35	3	109
66	Exp-OH-18	Cuadra SN	2006	AMBIO	35	3	109
67	Exp-OH-18	Cuadra SN	2006	AMBIO	35	3	109
68	Exp-OH-18	Cuadra SN	2006	AMBIO	35	3	109
69	Exp-OH-18	Cuadra SN	2006	AMBIO	35	3	109
70	Exp-OH-18	Cuadra SN	2006	AMBIO	35	3	109
71	Exp-OH-11	Hoovander L	2006	Environmental Science and Technology	40		3696
72	Exp-OH-11	Hoovander L	2006	Environmental Science and Technology	40		3696
73	Exp-OH-64	Houde M	2006	Environmental Science and Technology	40		5860
74	Exp-OH-64	Houde M	2006	Environmental Science and Technology	40		5860
75	Exp-OH-64	Houde M	2006	Environmental Science and Technology	40		5860
76	Exp-OH-64	Houde M	2006	Environmental Science and Technology	40		5860
77	Exp-OH-64	Houde M	2006	Environmental Science and Technology	40		5860
78	Exp-OH-64	Houde M	2006	Environmental Science and Technology	40		5860

Entry No	Common name	Name	Species group I	Species group II	Gender	Age/Status	Source	Year	Entry No
40	Human	Hommo Sapiens	Human	Human	Mixed	Fetus	Survey	2001	40
41	Human	Hommo Sapiens	Human	Human	Females	Pregnant	Survey	2001	41
42	Human	Hommo Sapiens	Human	Human	Mixed	Adult	Survey	2004	42
43	Polar Bear	Ursus maritimus	Polar Bear	Mammals	Females	Adult	Hunters	2001	43
44	Polar Bear	Ursus maritimus	Polar Bear	Mammals	Mixed	Adult	Hunters	2001	44
45	Human	Hommo Sapiens	Human	Human	Females	Adult	Cohort	2000	45
46	Human	Hommo Sapiens	Human	Human	Mixed	Fetus	Cohort	2000	46
47	Human	Hommo Sapiens	Human	Human	Females	Pregnant	Cohort	2001	47
48	Human	Hommo Sapiens	Human	Human	Mixed	Juvenile	Cohort	2001	48
49	Fulmar	Fulmarus glacialis	Fulmar	Birds	Eggs	Fetus	Survey	2001	49
50	Common carp	Cyprinus caprio	Carp	Fish	Mixed	Adult	Survey	2002	50
51	Bigmouth buffalo	Ictiobus cyprinellus	Buffalo	Fish	Mixed	Adult	Survey	2002	51
52	Brown bullhead	Ameiurus nebulosus	Bullhead	Fish	Mixed	Adult	Survey	2002	52
53	Lake sturgeon	Acipenser fulvescens	Sturgeon	Fish	Mixed	Adult	Survey	2002	53
54	Largemouth bass	Micropterus salmoides	Bass	Fish	Mixed	Adult	Survey	2002	54
55	Bowfin	Amia calva	Bowfin	Fish	Mixed	Adult	Survey	2002	55
56	Longnose gar	Lepisosteus osseus	Gar	Fish	Mixed	Adult	Survey	2002	56
57	Glaucouse Gulls	Larus hyperboreus	Gulls	Birds	Eggs	Fetus	Survey	2004	57
58	Glaucouse Gulls	Larus hyperboreus	Gulls	Birds	Males	Adult	Survey	2004	58
59	Glaucouse Gulls	Larus hyperboreus	Gulls	Birds	Females	Adult	Survey	2004	59
60	Glaucouse Gulls	Larus hyperboreus	Gulls	Birds	Males	Adult	Survey	2004	60
61	Glaucouse Gulls	Larus hyperboreus	Gulls	Birds	Females	Adult	Survey	2004	61
62	Polar Bear	Ursus maritimus	Polar Bear	Mammals	Females	Adult	Survey	2004	62
63	Human	Hommo Sapiens	Human	Human	Mixed	Juvenile	Survey work+liv exp	2002	63
64	Human	Hommo Sapiens	Human	Human	Mixed	Juvenile	Survey work exp	2002	64
65	Human	Hommo Sapiens	Human	Human	Mixed	Juvenile	Survey fish exp	2002	65
66	Human	Hommo Sapiens	Human	Human	Mixed	Juvenile	Survey rural cotnrol	2002	66
67	Human	Hommo Sapiens	Human	Human	Mixed	Juvenile	Survey urban exp	2002	67
68	Human	Hommo Sapiens	Human	Human	Females	Adult	Rural	2002	68
69	Human	Hommo Sapiens	Human	Human	Females	Adult	Rural	2002	69
70	Human	Hommo Sapiens	Human	Human	Females	Adult	Urban	2002	70
71	Human	Hommo Sapiens	Human	Human	Mixed	Adult	Survey contam	2000	71
72	Human	Hommo Sapiens	Human	Human	Mixed	Adult	Survey control	2000	72
73	Bottlenose dolphin	Tursiops truncatus	Dolphin	Cetacean	Males	Adult	Survey	2003	73
74	Bottlenose dolphin	Tursiops truncatus	Dolphin	Cetacean	Females	Adult	Survey	2003	74
75	Bottlenose dolphin	Tursiops truncatus	Dolphin	Cetacean	Males	Adult	Survey	2003	75
76	Bottlenose dolphin	Tursiops truncatus	Dolphin	Cetacean	Females	Adult	Survey	2003	76
77	Bottlenose dolphin	Tursiops truncatus	Dolphin	Cetacean	Males	Adult	Survey	2003	77
78	Bottlenose dolphin	Tursiops truncatus	Dolphin	Cetacean	Females	Adult	Survey	2003	78

Region	Coastal	Level of exposure	Original Tissue	Tissue	n	Lipid %	Average	LD values
Swede	Not specif	Not especif	Cord plasma	Blood	15	0.2	Median	Sam<LOD
Swede	Not specif	Not especif	Milk	Milk	15	1.9	Median	Sam<LOD
Russia	YES	High	Plasma	Blood	15	0.70	Median	All
Greenland	YES	Not especif	W.Blood	Blood	19	1.0	AM	NR
Greenland	YES	Not especif	Adipose	Adipose	30	88.0	AM	NR
Netherlands	Not specif	Background	Plasma	Blood	51	0.7	AM	ND
Netherlands	Not specif	Background	Cord plasma	Blood	51	0.2	AM	ND
Faroe Islands	YES	Mixed	Serum	Blood	57	0.9	AM	NR
Faroe Islands	YES	Mixed	Serum	Blood	42	0.6	AM	NR
Faroe Islands	YES	Not especif	Eggs	Eggs	19	10.0	Median	All
Detroit	NO	Not especif	Plasma	Blood	5	1.4	AM	Sam<LOD
Detroit	NO	Not especif	Plasma	Blood	1	0.9	AM	Sam<LOD
Detroit	NO	Not especif	Plasma	Blood	2	1.6	AM	Sam<LOD
Detroit	NO	Not especif	Plasma	Blood	1	0.6	AM	Sam<LOD
Detroit	NO	Not especif	Plasma	Blood	3	1.6	AM	Sam<LOD
Detroit	NO	Not especif	Plasma	Blood	2	1.0	AM	Sam<LOD
Detroit	NO	Not especif	Plasma	Blood	2	2.0	AM	Sam<LOD
Norway	YES	Not especif	Eggs	Eggs	30	9.6	AM	NS>MDL
Norway	YES	Not especif	Plasma	Blood	45	1.5	AM	NS>MDL
Norway	YES	Not especif	Plasma	Blood	42	1.4	AM	NS>MDL
Svalbard	YES	Not especif	Plasma	Blood	12	1.5	AM	NS>MDL
Svalbard	YES	Not especif	Plasma	Blood	15	1.5	AM	NS>MDL
Svalbard	YES	Not especif	Plasma	Blood	15	1.0	AM	NS>MDL
Nicaragua	NO	High	Serum	Blood	1	0.4	Single	NR
Nicaragua	NO	High	Serum	Blood	1	0.4	Single	NR
Nicaragua	NO	Medium	Serum	Blood	1	0.4	Single	NR
Nicaragua	NO	Low	Serum	Blood	1	0.4	Single	NR
Nicaragua	NO	Low	Serum	Blood	1	0.4	Single	NR
Nicaragua	NO	Medium	Serum	Blood	1	0.5	Median	NR
Nicaragua	NO	Medium	Serum	Blood	1	0.6	Median	NR
Nicaragua	NO	Low	Serum	Blood	1	0.4	Median	NR
Slovakia	NO	High	Serum	Blood	122	0.7	Median	All
Slovakia	NO	Low	Serum	Blood	175	0.7	Median	All
Gulf of Mexico	YES	Not especif	Plasma	Blood	7	NR	AM	NR
Gulf of Mexico	YES	Not especif	Plasma	Blood	6	NR	AM	NR
Florida	YES	Not especif	Plasma	Blood	28	NR	AM	NR
Florida	YES	Not especif	Plasma	Blood	13	NR	AM	NR
Charleston	YES	Not especif	Plasma	Blood	29	NR	AM	NR
Charleston	YES	Not especif	Plasma	Blood	12	NR	AM	NR

Entry No	PCB 105	PCB 118	PCB 153	PCB 138	PCB 146	PCB 180	PCB 183	PCB 187	>PCB 153	No of cong summed	Sum PCBs	> Sum PCBs
40	0.001	0.008	0.088	0.068					0.214	15	0.277	0.641
41	0.038	0.133	1.159	0.741					3.667	15	4.31	9.653
42												39.27
43										51	46.1	204.2
44										51	6178	15970
45		0.188	0.7	0.496	0.069				3.514	12	1.837	7.432
46		0.093	0.193	0.13	0.05				0.412	12	0.585	1.37
47	0.23	0.83	3.83	3.12	0.61		0.36	0.98	12.99	NR	14.75	50.1
48	0.08	0.34	1.74	1.40	0.29		0.12	0.43	7.44	NR	6.19	26.5
49	19	8.3	260	88			19		760	11	710	1800
50												
51												
52												
53												
54												
55												
56												
57										41	1129.1	1838.0
58										41	335.0	995.0
59										41	224.0	525.0
60										47	1133	2548
61										47	1091	2655
62										47	56.9	115
63	0.26	0.62	1.48	1.49			0.17	0.32		8	0.12	
64	0.34	0.77	1.39	1.51			0.13	0.29		8	0.1	
65	0.21	0.46	1.47	0.90			0.10	0.17		8	0.08	
66	0.25	0.38	0.52	0.64			0.08	0.11		8	0.05	
67	0.26	0.29	0.29	0.37			0.04	0.05		8	0.03	
68	0.16	0.40	1.01	1.00			0.15	0.28		8	0.12	1.1
69	0.08	0.12	0.46	0.40			0.07	0.17		8	8.9	18
70	0.07	0.09	0.14	0.16			0.03	0.03		8	2.8	7
71	0.073	0.48	4.5	2.8				1.4	20.3	7	7.6	52.5
72	0.018	0.17	1.9	1.1				0.37	0.364	7	4.2	7.7
73										92	317	505
74										92	149	378
75										92	238	248
76										92	184	319
77										92	355	384
78										92	189	252

Entry No	4-OH PCB 107	3-OH PCB 153	3'-OH PCB 138	4-OH PCB 146	4-OH PCB 187	No of cong summed	Sum OH-PCBs	< Sum OH PCBs	>Sum OH PCBs	Sum OH PCBs (nM)	<Sum OH PCBs (nM)	>Sum OH PCBs (nM)	PCB Ratio sum	PCB Ratio >Sum
40	0.005	0.005	0.009	0.021	0.002	12	0.088	0.035	0.271	0.2	0.1	0.7		
41	0.001	0.0001	0.0001	0.0002	0.0001	12	0.003	0.0001	0.005					
42	1.67	1.31	0.859	0.841	0.786	10	5.92	3.3	12.22	15.6	8.7	32.3		0.311
43						23	182.3	93.5	382.1	481.3	246.8	1008.7	3.95	1.87
44														1.97
45	0.06	0.035	0.045	0.063	0.022	6	0.34	0	0.622	0.9	0.0	1.6	0.19	0.084
46	0.022	0.021	0.028	0.036	0.061	6	0.18	0	0.407	0.5	0.0	1.1	0.31	0.297
47	0.47	0.29	0.33	0.79	1.5	NR	3.38		13.5	8.9		35.6	0.23	0.269
48	0.71	0.12	0.16	0.38	0.57	NR	1.94		20	5.1		52.8	0.31	0.755
49	0.058	0.17	0.3	0.44	0.96	36	1.9	0.92	4				0.00	0.002
50														
51														
52														
53														
54														
55														
56														
57			0.02			13	0.18	0.01	0.5				0.00	0.000
58	0.09			0.86	4.53	13	7.11	1.44	22.4	18.8	3.8	59.1	0.02	0.023
59	0.06			1.49	2.02	13	4.93	0.68	12	13.0	1.8	31.7	0.02	0.023
60						12	14.4	3.05	37.9	38.0	8.1	100.1	0.01	0.015
61						12	8.46	2.54	19.6	22.3	6.7	51.7	0.01	0.007
62						12	173	4.15	394	456.7	11.0	1040.1	3.04	3.426
63					0.1	1	0.1			0.3			0.83	
64					0.11	1	0.11			0.3			1.10	
65					0.05	1	0.05			0.1			0.63	
66					0.02	1	0.02			0.1			0.40	
67					0.01	1	0.01			0.0			0.33	
68					0.07	1	0.07			0.2			0.58	
69					0.03	1	0.03			0.1			0.00	
70					0.009	1	0.009			0.0			0.00	
71	0.47			0.56	1	NR	2.03	0.15	22.05	5.4	0.4	58.2	0.27	0.420
72	0.18			0.19	0.41	NR	0.78	0.16	3.052	2.1	0.4	8.1	0.19	0.396
73						46	3.9	1.8	6.8	10.3	4.8	18.0	0.01	0.013
74						46	3.9	0.4	9	10.3	1.1	23.8	0.03	0.024
75						46	20	9	18	52.8	23.8	47.5	0.08	0.073
76						46	16	4	17	42.2	10.6	44.9	0.09	0.053
77						46	281	146	303	741.8	385.4	799.9	0.79	0.789
78						46	51.5	24	68	136.0	63.4	179.5	0.27	0.270

Entry No	BDE-47	BDE 99	BDE 100	BDE 153	BDE 154- BB 153	BDE 209	>BDE 47	No cong summed	Sum BDEs	>Sum BDEs	2'-OH BDE 68	4'-OH BDE 17	4-OH-BDE 42
40													
41													
42													
43													
44													
45													
46													
47	0.012	0.003	0.005	0.009	0.012	0.007	0.093		0.040				
48	0.008	0.004	0.002	0.022	0.007	0.009	0.286		0.043				
49													
50	2.438	0.066	0.304	0.01	0.096			8	2.906		0.0015		0.00001
51	0.548	0.071	0.102	0.017	0.053			8	0.792		0.0018		0.00001
52	0.518	0.821	0.163	0.131	0.085			8	2.398		0.0009		0.0012
53	0.094	0.037	0.024	0.01	0.01			8	0.155		0.00001		0.00001
54	5.161	2.563	0.94	0.194	0.267			8	9.124		0.0007		0.003
55	0.549	0.242	0.083	0.03	0.027			8	0.932		0.00001		0.00001
56	1.282	0.348	0.264	0.00001	0.085			8	1.979		0.006		0.0027
57													
58													
59													
60	8.81	2.53	2.2	3.77	2.4	0.21	24.3	12	20.2	67.5	0.07		0.09
61	10.6	2.46	2.27	2.08	1.93	0.33	17.1	12	19.8	35.4	0.07		0.09
62	4.98	0.18	0.05		0.12		8.79	12	5.78	9.72	0.09		0.12
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
77													
78													

Entry No	3-OH-BDE 47	6-OH BDE 47	4'-OH BDE 49	4-OH-BDE 90	No cong summed	Sum OH-BDEs	< Sum OH-BDEs	>Sum OH-BDEs	Sum OH PBDEs (nM)	<Sum OH PBDEs (nM)	>Sum OH PBDEs (nM)	BDE Ratio Sum	BDE Ratio >Sum
40													
41													
42													
43													
44													
45													
46													
47													
48													
49													
50	0.00001	0.0205	0.0016		14	0.0235			0.05			0.01	
51	0.00001	0.009	0.00001		14	0.0109			0.02			0.01	
52	0.00001	0.0026	0.0036		14	0.0128			0.03			0.01	
53	0.00001	0.0032	0.00001		14	0.0032			0.01			0.02	
54	0.001	0.0058	0.0018		14	0.0223			0.04			0.00	
55	0.00001	0.0015	0.0015		14	0.003			0.01			0.00	
56	0.0053	0.0101	0.0073		14	0.0493			0.10			0.02	
57													
58													
59													
60		0.14	0.2		15	0.43	0.12	0.79	0.86	0.24	1.58	0.02	0.01
61		0.14	0.13		15	0.37	0.07	1.05	0.74	0.14	2.10	0.02	0.03
62		0.08	0.2		15	0.07	0.07	0.54	0.14	0.14	1.08	0.01	0.06
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
77													
78													

Entry No	Sum PCP	>Sum PCP	Sum PCP nM	>Sum PCP nM	2,4,5 TBP	2,4,6 TBP	Sum TBP	>Sum TBP	Sum TBP nM	Sum 4-OH HpCS	>Sum 4-OH HpCS	Sum 4-OH HpCS nM	>Sum 4-OH HpCS nM	< Sum of HPCs nM	Sum of HPCs nM	> Sum of HPCs nM
40	1.96	7.58	7.36	28.5										0.1	7.6	29.2
41	0.02	0.57														
42	0.642	1.19	2.41	4.5										8.7	18.0	36.7
43	0.3	1.4	1.13	5.26						7.5	15.8	20.75	4.37	246.8	503.1	1018.3
44																
45															0.9	1.6
46															0.5	1.1
47															8.9	35.6
48															5.1	52.8
49																
50															0.05	0.00
51															0.02	0.00
52															0.03	0.00
53															0.01	0.00
54															0.04	0.00
55															0.01	0.00
56															0.1	0.0
57		0.01									0.05					
58		0.13		0.49							0.29		0.08	3.8	18.8	59.7
59		0.48		1.80							0.43		0.12	1.8	13.0	33.6
60														8.3	38.9	101.6
61														6.8	23.1	53.8
62														11.1	456.8	1041.2
63	4.3		16.14												16.4	0.0
64	1.9		7.13												7.4	0.0
65	1.8		6.76												6.9	0.0
66	1.3		4.88												4.9	0.0
67	1.4		5.26												5.3	0.0
68	0.6		2.25												2.4	0.0
69	1.3		4.88												5.0	0.0
70	0.9		3.38												3.4	
71														0.4	5.4	58.2
72														0.4	2.1	8.1
73														4.8	10.3	18.0
74														1.1	10.3	23.8
75														23.8	52.8	47.5
76														10.6	42.2	44.9
77														385.4	741.8	799.9
78														63.4	136.0	179.5

Entry No	REF ID	Author	Year	Publisher	Volume	Number	Page
79	Exp-OH-12	McKinney MA	2006	Environmental toxicology and chemistry	25	5	1246
80	Exp-OH-12	McKinney MA	2006	Environmental toxicology and chemistry	25	5	1246
81	Exp-OH-72	McKinney MA	2006	Environmental Science and Technology	40		6275
82	Exp-OH-72	McKinney MA	2006	Environmental Science and Technology	40		6275
83	Exp-OH-72	McKinney MA	2006	Environmental Science and Technology	40		6275
84	Exp-OH-72	McKinney MA	2006	Environmental Science and Technology	40		6275
85	Exp-OH-72	McKinney MA	2006	Environmental Science and Technology	40		6275
86	Exp-OH-72	McKinney MA	2006	Environmental Science and Technology	40		6275
87	Exp-OH-38	Weiss J	2006	Environmental Science and Technology	40		6282
88	Exp-OH-54	Kunise T	2007	Marine Pollution Bulletin	54		963
89	Exp-OH-54	Kunise T	2007	Marine Pollution Bulletin	54		963
90	Exp-OH-54	Kunise T	2007	Marine Pollution Bulletin	54		963
91	Exp-OH-31	Otake T	2007	Environmental research	105		240
92	Exp-OH-21	Park JS	2007	Environmental health perspectives	115	1	20
93	Exp-OH-21	Park JS	2007	Environmental health perspectives	115	1	20
94	Exp-OH-17	Athanasiadou M	2008	Environmental health perspectives	116	2	400
95	Exp-OH-17	Athanasiadou M	2008	Environmental health perspectives	116	2	400
96	Exp-OH-17	Athanasiadou M	2008	Environmental health perspectives	116	2	400
97	Exp-OH-17	Athanasiadou M	2008	Environmental health perspectives	116	2	400
98	Exp-OH-59	Fernandez M.F.	2008	Chemosphere	71		1196
99	Exp-OH-16	Gebbink WA	2008	Environmental pollution	152		621
100	Exp-OH-16	Gebbink WA	2008	Environmental pollution	152		621
101	Exp-OH-16	Gebbink WA	2008	Environmental pollution	152		621
102	Exp-OH-16	Gebbink WA	2008	Environmental pollution	152		621
103	Exp-OH-61	Jaspers V.L.B	2008	Environmental Science & Technology	42		3465
104	Exp-OH-61	Jaspers V.L.B	2008	Environmental Science & Technology	42		3465
105	Exp-OH-61	Jaspers V.L.B	2008	Environmental Science & Technology	42		3465
106	Exp-OH-61	Jaspers V.L.B	2008	Environmental Science & Technology	42		3465
107	Exp-OH-61	Jaspers V.L.B	2008	Environmental Science & Technology	42		3465
108	Exp-OH-49	Kawashiro Y	2008	Endocrine Journal	55	6	1071
109	Exp-OH-49	Kawashiro Y	2008	Endocrine Journal	55	6	1071
110	Exp-OH-49	Kawashiro Y	2008	Endocrine Journal	55	6	1071
111	Exp-OH-49	Kawashiro Y	2008	Endocrine Journal	55	6	1071
112	Exp-OH-19	Kelly BC	2008	Environmental Science and Technology	42	19	7069
113	Exp-OH-19	Kelly BC	2008	Environmental Science and Technology	42	19	7069
114	Exp-OH-19	Kelly BC	2008	Environmental Science and Technology	42	19	7069
115	Exp-OH-19	Kelly BC	2008	Environmental Science and Technology	42	19	7069
116	Exp-OH-19	Kelly BC	2008	Environmental Science and Technology	42	19	7069
117	Exp-OH-19	Kelly BC	2008	Environmental Science and Technology	42	19	7069

Entry No	Common name	Name	Species group I	Species group II	Gender	Age/Status	Source	Year	Entry No
79	Beluga whale	Delphinapterus leucas	Whale	Cetacean	Mixed	Adult	Hunters	2003	79
80	Beluga whale	Delphinapterus leucas	Whale	Cetacean	Mixed	Adult	Hunters	2003	80
81	Bald Eagle	Haliaeetus leucocephalus	Eagle	Birds	Mixed	Juvenile	Survey	2003	81
82	Bald Eagle	Haliaeetus leucocephalus	Eagle	Birds	Mixed	Juvenile	Survey	2003	82
83	Bald Eagle	Haliaeetus leucocephalus	Eagle	Birds	Mixed	Juvenile	Survey	2003	83
84	Bald Eagle	Haliaeetus leucocephalus	Eagle	Birds	Mixed	Juvenile	Survey	2003	84
85	Bald Eagle	Haliaeetus leucocephalus	Eagle	Birds	Mixed	Juvenile	Survey	2003	85
86	Bald Eagle	Haliaeetus leucocephalus	Eagle	Birds	Mixed	Juvenile	Survey	2003	86
87	Human	Homo Sapiens	Human	Human	Females	Adult	Survey	2000	87
88	Melon-headed whale	Peponocephala electra	Whale	Cetacean	Mixed	Adult	Survey	2003	88
89	Striped dolphins	Stenella coeruleoalba	Dolphin	Cetacean	Mixed	Adult	Survey	2003	89
90	Finless porpoise	Neophocaena phocaenoides	Porpoise	Cetacean	Males	Adult	Survey	2003	90
91	Human	Homo Sapiens	Human	Human	Mixed	Fetus	Survey	2005	91
92	Human	Homo Sapiens	Human	Human	Females	Pregnant	Survey contam	2004	92
93	Human	Homo Sapiens	Human	Human	Females	Pregnant	Survey control	2004	93
94	Human	Homo Sapiens	Human	Human	Mixed	Juvenile	Survey work exp	2002	94
95	Human	Homo Sapiens	Human	Human	Mixed	Juvenile	Survey control	2002	95
96	Human	Homo Sapiens	Human	Human	Females	Adult	Survey fish exp	2002	96
97	Human	Homo Sapiens	Human	Human	Females	Adult	Survey urban exp	2002	97
98	Human	Homo Sapiens	Human	Human	Females	Adult	Survey	2003	98
99	Polar Bear	Ursus maritimus	Polar Bear	Mammals	Mixed	Adult	Survey	2001	99
100	Polar Bear	Ursus maritimus	Polar Bear	Mammals	Mixed	Adult	Survey	2001	100
101	Polar Bear	Ursus maritimus	Polar Bear	Mammals	Mixed	Adult	Survey	2001	101
102	Polar Bear	Ursus maritimus	Polar Bear	Mammals	Mixed	Adult	Survey	2001	102
103	Grey Heron	Ardea cinerea	Heron	Birds	Mixed	Adult	Survey	2004	103
104	Barn Owl	Tyto alba	Owl	Birds	Mixed	Adult	Survey	2004	104
105	Long eared owl	Asio otus	Owl	Birds	Mixed	Adult	Survey	2004	105
106	Common buzzard	Buteo buteo	Buzzard	Birds	Mixed	Adult	Survey	2004	106
107	Sparrowhawk	Accipiter nisus	Hawk	Birds	Mixed	Adult	Survey	2004	107
108	Human	Homo Sapiens	Human	Human	Females	Pregnant	Survey	2006	108
109	Human	Homo Sapiens	Human	Human	Females	Pregnant	Survey	2006	109
110	Human	Homo Sapiens	Human	Human	Mixed	Fetus	Survey	2006	110
111	Human	Homo Sapiens	Human	Human	Mixed	Fetus	Survey	2006	111
112	Beluga whale	Delphinapterus leucas	Whale	Cetacean	Calves	Adult	Survey	2003	112
113	Beluga whale	Delphinapterus leucas	Whale	Cetacean	Females	Adult	Survey	2003	113
114	Beluga whale	Delphinapterus leucas	Whale	Cetacean	Females	Adult	Survey	2003	114
115	Beluga whale	Delphinapterus leucas	Whale	Cetacean	Females	Adult	Survey	2003	115
116	Beluga whale	Delphinapterus leucas	Whale	Cetacean	Males	Adult	Survey	2003	116
117	Beluga whale	Delphinapterus leucas	Whale	Cetacean	Males	Adult	Survey	2003	117

Region	Coastal	Level of exposure	Original Tissue	Tissue	n	Lipid %	Average	LD values
St Lawrence River (Can)	YES	High	Liver	Liver	6	3.2	AM	NS>MDL
Can. Arctic	YES	Low	Liver	Liver	11	3.4	AM	NS>MDL
Canada	YES	Not especif	Plasma	Blood	4	0.7	AM	NS>MDL
Canada	YES	Not especif	Plasma	Blood	3	1	AM	NS>MDL
Canada	YES	Not especif	Plasma	Blood	7	1.06	AM	NS>MDL
Canada	YES	Not especif	Plasma	Blood	6	1.10	AM	NS>MDL
Canada	YES	Not especif	Plasma	Blood	6	0.87	AM	NS>MDL
California	YES	Not especif	Plasma	Blood	1	0.65	AM	NS>MDL
Sweden	Not specif	Not especif	Serum	Blood	53	0.7	Median	NR
Japan	YES	Not especif	Brain	Brain	5	NR	Indiv	Sam<LOD
Japan	YES	Not especif	Brain	Brain	3	NR	Indiv	Sam<LOD
Japan	YES	Not especif	Brain	Brain	3	NR	Indiv	Sam<LOD
Japan	Not specif	Not especif	U.Cord	U.Cord	23	0.7	AM	Sam<LOD
Slovakia	NO	High	Serum	Blood	131	1.0	AM	Sam<LOD
Slovakia	NO	Low	Serum	Blood	31	1.0	AM	Sam<LOD
Nicaragua	NO	High	Serum	Blood	1	0.4	Single	Sam<LOD
Nicaragua	NO	Low	Serum	Blood	1	0.4	Single	Sam<LOD
Nicaragua	NO	High	Serum	Blood	1	0.5	Single	Sam<LOD
Nicaragua	NO	Medium	Serum	Blood	1	0.7	Single	Sam<LOD
Spain	Not specif	Not especif	Breast adipose	Adipose	20	79	AM	NS>MDL
Greenland	YES	Not especif	Adipose	Adipose	20	90.0	AM	Sam<LOD
Greenland	YES	Not especif	W.Blood	Blood	20	1.3	AM	Sam<LOD
Greenland	YES	Not especif	Brain	Brain	20	21.0	AM	Sam<LOD
Greenland	YES	Not especif	Liver	Liver	20	11.0	AM	Sam<LOD
Belgium	Not specif	Not especif	Liver	Liver	7	3.1	Median	Sam<LOD
Belgium	Not specif	Not especif	Liver	Liver	5	4.1	Median	Sam<LOD
Belgium	Not specif	Not especif	Liver	Liver	3	3..75	Median	Sam<LOD
Belgium	Not specif	Not especif	Liver	Liver	15	3	Median	Sam<LOD
Belgium	Not specif	Not especif	Liver	Liver	5	3	Median	Sam<LOD
Japan	Not specif	Not especif	W.Blood	Blood	16	0.6	AM	NS>MDL
Japan	Not specif	Not especif	Milk	Milk	8	3.3	AM	NS>MDL
Japan	Not specif	Not especif	W.Blood	Blood	8	0.3	AM	NS>MDL
Japan	Not specif	Not especif	U.Cord	U.Cord	16	0.1	AM	NS>MDL
Canada	YES	Not especif	Blubber	Blubber	9	89.0	AM	NR
Canada	YES	Not especif	W.Blood	Blood	7	1.5	AM	NR
Canada	YES	Not especif	Milk	Milk	8	38.1	AM	NR
Canada	YES	Not especif	Blubber	Blubber	14	89.7	AM	NR
Canada	YES	Not especif	W.Blood	Blood	7	1.6	AM	NR
Canada	YES	Not especif	Liver	Liver	17	3.2	AM	NR

Entry No	PCB 105	PCB 118	PCB 153	PCB 138	PCB 146	PCB 180	PCB 183	PCB 187	>PCB 153	No of cong summed	Sum PCBs	> Sum PCBs
79										NR	1022.0	1452.5
80										NR	59.1	148.5
81										67	2.7	4.2
82										67	22.3	36.6
83										67	19.3	97
84										67	10.3	18.6
85										67	5.7	12.7
86										67	12.3	21.9
87			1.69						4.03		1.69	4.03
88										NR	83.7	160
89										NR	380	490
90										NR	290	330
91										209	0.1	0.26
92		0.19	2.29	1.48					5.72	6	7.71	19.05
93		0.09	1.05	0.67					1.94	6	3.45	6.34
94												
95												
96												
97												
98	0.004148	21.33	140.62	69.757		146.15	14.931	44.24	289.93	37	582.23	1177.1
99										40	5387	12262
100										40	40	204
101										40	148	459
102										40	3125	7443
103											2770	8690
104											861	8960
105											942	1630
106											651	11100
107											1500	1980
108										209	0.56	1.2
109										209	3.9	7.2
110										209	0.12	0.21
111										209	0.061	0.12
112												
113												
114												
115												
116												
117												

Entry No	4-OH PCB 107	3-OH PCB 153	3'-OH PCB 138	4-OH PCB 146	4-OH PCB 187	No of cong summed	Sum OH-PCBs	< Sum OH PCBs	>Sum OH PCBs	Sum OH PCBs (nM)	<Sum OH PCBs (nM)	>Sum OH PCBs (nM)	PCB Ratio sum	PCB Ratio >Sum
79						13	2.08	0.016	4.64				0.00	0.003
80						13	0.105	0.016	0.16				0.00	0.001
81						29	0.04	0.001	0.09	0.1	0.0	0.2	0.01	0.021
82						29	0.44	0.37	0.56	1.2	1.0	1.5	0.02	0.015
83						29	0.83	0.47	2.28	2.2	1.2	6.0	0.04	0.024
84						29	0.87	0.35	1.98	2.3	0.9	5.2	0.08	0.106
85						29	0.51	0.37	1.02	1.3	1.0	2.7	0.09	0.080
86						29	2.03	0.01	2.03	5.4	0.0	5.4	0.17	0.093
87	0.00351			0.00442	0.003055	3	0.010985	0.002925	0.04225	0.0	0.0	0.1	0.01	0.010
88	0.01		0.0027	0.004	0.0459	19	0.1484	0.02	0.29				0.00	0.002
89	0.01		0.001	0.0023	0.0027	19	0.203	0.24	0.26				0.00	0.001
90	0.00		0.001	0.001	0.0036	19	0.216	0.17	0.24				0.00	0.001
91						6	0.012	0.0023	0.032				0.12	0.123
92	0.05	0.1	0.08	0.17	0.31	9	0.83	0.2	2.28	2.2	0.5	6.0	0.11	0.120
93	0.02	0.05	0.04	0.06	0.12	9	0.35	0.12	0.93	0.9	0.3	2.5	0.10	0.147
94														
95														
96														
97														
98	0.000237		0.004195			10	0.0061541	0.00474	0.016037					
99						30	60	20	173				0.01	0.014
100						30	1020	385	2888	2692.7	1016.4	7624.1	25.50	14.157
101						30	18	4.8	51				0.12	0.111
102						30	355	176	714				0.11	0.096
103	0.03	0.035	0.23	0.7	1.11	14	2.91	0.965	6.62				0.00	0.001
104	0.01	0.07	0.03	0.18	1.06	14	1.98	0.67	3.55				0.00	0.000
105	0.02	0.21	0.675	0.245	1.09	14	2.85	1.48	5.6				0.00	0.003
106	0.01	0.035	0.01	0.175	0.79	14	1.12	0.375	13.7				0.00	0.001
107	0.01	0.035	0.015	0.175	0.135	14	0.5	0.325	0.93				0.00	0.000
108						9	0.1	0.052	0.16	0.3	0.1	0.4	0.18	0.133
109						9								
110						9	0.062	0.029	0.11	0.2	0.1	0.3	0.52	0.524
111						9	0.01	0.0028	0.027				0.16	0.225
112														
113														
114														
115														
116														
117														

Entry No	BDE-47	BDE 99	BDE 100	BDE 153	BDE 154- BB 153	BDE 209	>BDE 47	No cong summed	Sum BDEs	>Sum BDEs	2'-OH BDE 68	4'-OH BDE 17	4-OH-BDE 42
79								9	68.51	93.93			
80								9	1.802	5.673			
81	0.2	0.22	0.15	0.01	0.01	0.01	0.42	8	0.4	1.25			
82	1.64	1.2	0.71	0.22	0.01	0.01	3.2	8	3.77	7.74			
83	4.51	1.72	1.94	0.31	0.01	0.01	10.73	8	8.49	18.87			
84	1.6	0.86	0.77	0.64	0.01	0.01	3.54	8	3.76	7.08			
85	0.86	0.35	0.44	0.13	0.01	0.01	1.52	8	1.78	3.4			
86	17.45	4.15	3.69	0.74	0.3	0.01		8	30.91	30.91			
87	0.005915	0.0013	0.001885	0.00715	0.002145	0.00312	0.05265	6	0.0234	0.13			
88													
89													
90													
91													
92													
93													
94	1.35	0.72	0.26	0.12				10	2.45			0.031	0.020
95	0.13	0.04	0.04	0.04				10	0.26			0.002	0.001
96	0.02	0.01	0.01	0.00				10	0.04			0.000	0.001
97	0.22	0.10	0.04	0.02				10	0.38			0.003	0.001
98													
99								13	83	422			
100								13	1.2	1.9			
101								13	2.9	7.6			
102								13	40	103			
103													
104													
105													
106													
107													
108	0.0073	0.0012	0.0013	0.0029	0.000084	0.007	0.055	27	0.025	0.095			
109	0.0084	0.015	0.011	0.013	0.0001	0.00001	0.46	27	0.14	0.67			
110	0.0003	0.00035	0.00037	0.00043	0.00001	0.00001	0.011	27	0.0048	0.015			
111	0.0016	0.00057	0.00025	0.00026	0.0003		0.0077	27	0.0031	0.011			
112									24.03				
113									0.0585				
114									3.6576				
115									14.352				
116									0.1088				
117									0.576				

Entry No	3-OH-BDE 47	6-OH BDE 47	4'-OH BDE 49	4-OH-BDE 90	No cong summed	Sum OH-BDEs	< Sum OH-BDEs	>Sum OH-BDEs	Sum OH PBDEs (nM)	<Sum OH PBDEs (nM)	>Sum OH PBDEs (nM)	BDE Ratio Sum	BDE Ratio >Sum
79						0.016	0.016	0.016					
80						0.016	0.016	0.016					
81		0.2	0.01		14	0.2	0.001	0.47	0.40	0.00	0.94	0.50	0.38
82		0.32	0.01		14	0.46	0.3	0.75	0.92	0.60	1.50	0.12	0.10
83		0.38	0.01		14	0.92	0.001	1.51	1.84	0.00	3.02	0.11	0.08
84		0.31	0.01		14	0.77	0.18	1.85	1.54	0.36	3.70	0.20	0.26
85		0.31	0.01		14	0.31	0.001	0.64	0.62	0.00	1.28	0.17	0.19
86		0.01	2.1		14	2.1	0.001	2.1	4.19	0.00	4.19	0.07	0.07
87													
88													
89													
90													
91													
92													
93													
94	0.014	0.025	0.038	0.132		0.260			0.52			0.11	
95	0.002	0.009	0.001	0.001		0.016			0.03			0.06	
96	0.000	0.005	0.000	0.002		0.009			0.02			0.21	
97	0.002	0.014	0.005	0.006		0.031			0.06			0.08	
98													
99					15	0.9	0.3	10				0.01	0.02
100					15	2.9	0.5	13	5.79	1.00	25.97	2.42	6.84
101					15	0.2	0.2	0.8					
102					15	0.2	0.5	0.8					
103													
104													
105													
106													
107													
108		0.0085			4	0.013	0.001	0.051	0.03	0.00	0.10	0.52	0.54
109					4								
110		0.0014			4	0.0035	0.001	0.011	0.01	0.00	0.02	0.73	0.73
111		0.0084			4	0.009	0.001	0.019				2.90	1.73
112					23	0.2047	0.0445	0.89				0.01	
113					23	0.0507	0.0507	0.0507	0.10	0.10	0.10	0.87	
114					23	0.01905	0.00762	0.0762				0.01	
115					23	0.05382	0.00762	0.0381				0.00	
116					23	0.0507						0.47	
117					23	0.0507							

Entry No	Sum PCP	>Sum PCP	Sum PCP nM	>Sum PCP nM	2,4,5 TBP	2,4,6 TBP	Sum TBP	>Sum TBP	Sum TBP nM	Sum 4-OH HpCS	>Sum 4-OH HpCS	Sum 4-OH HpCS nM	>Sum 4-OH HpCS nM	< Sum of HPCs nM	Sum of HPCs nM	> Sum of HPCs nM
79																
80										0.048	0.128					
81										0.016	0.016					
82										0.01	0.02	0.03	0.01		0.5	1.2
83										0.03	0.03	0.08	0.01	1.6	2.2	3.0
84										0.03	0.05	0.08	0.01	1.2	4.1	9.0
85										0.06	0.08	0.17	0.02	1.3	4.0	8.9
86										0.05	0.09	0.14	0.02	1.0	2.1	4.0
87										0.67	0.67	1.85	0.19		11.4	9.7
88															0.03	0.11
89																
90																
91																
92	1.02	3.24	3.83	12.16										0.5	6.0	18.2
93	0.74	1.98	2.78	7.43										0.3	3.7	9.9
94															0.5	
95															0.0	
96															0.0	
97															0.1	
98																
99																
100														1017.4	2698.5	7650.0
101																
102																
103	3.36	6.57					4.305	5.97								
104	3.2	7.38					2.801	13.82								
105	5.72	6.89					11.5	11.6								
106	4.855	11.2					8.71	17.5								
107	1	14.5					2.78	14.5								
108							0.022	0.022	0.13	0.0				0.1	0.3	0.5
109																
110							0.037	0.037	0.11	0.0				0.1	0.2	0.3
111							0.033	0.033	0.044							
112																
113														0.1	0.1	0.1
114																
115																
116															0.0	
117																

Entry No	REF ID	Author	Year	Publisher	Volume	Number	Page
118	Exp-OH-19	Kelly BC	2008	Environmental Science and Technology	42	19	7069
119	Exp-OH-65	Meijer L	2008	Environmental Science and Technology	42		3428
120	Exp-OH-65	Meijer L	2008	Environmental Science and Technology	42		3428
121	Exp-OH-20	Routti H	2008	Environmental Science and Technology	43	23	8952
122	Exp-OH-20	Routti H	2008	Environmental Science and Technology	43	23	8952
123	Exp-OH-66	Bennett E.R.	2009	Marine Pollution Bulletin	58		1078
124	Exp-OH-23	Dallaire R	2009	Environmental health perspectives	117	9	1380
125	Exp-OH-56	Dallaire R	2009	Environmental health perspectives	117	6	1014
126	Exp-OH-56	Dallaire R	2009	Environmental health perspectives	117	6	1014
127	Exp-OH-43	Houde M	2009	Environmental toxicology and chemistry	28	10	2061
128	Exp-OH-43	Houde M	2009	Environmental toxicology and chemistry	28	10	2061
129	Exp-OH-41	Jörundsdóttir H	2009	Science of the total environment	407		4174
130	Exp-OH-41	Jörundsdóttir H	2009	Science of the total environment	407		4174
131	Exp-OH-41	Jörundsdóttir H	2009	Science of the total environment	407		4174
132	Exp-OH-41	Jörundsdóttir H	2009	Science of the total environment	407		4174
133	Exp-OH-41	Jörundsdóttir H	2009	Science of the total environment	407		4174
134	Exp-OH-41	Jörundsdóttir H	2009	Science of the total environment	407		4174
135	Exp-OH-55	Kunise T	2009	Chemosphere	74		950
136	Exp-OH-55	Kunise T	2009	Chemosphere	74		950
137	Exp-OH-55	Kunise T	2009	Chemosphere	74		950
138	Exp-OH-55	Kunise T	2009	Chemosphere	74		950
139	Exp-OH-55	Kunise T	2009	Chemosphere	74		950
140	Exp-OH-55	Kunise T	2009	Chemosphere	74		950
141	Exp-OH-55	Kunise T	2009	Chemosphere	74		950
142	Exp-OH-55	Kunise T	2009	Chemosphere	74		950
143	Exp-OH-60	Montie E.W.	2009	Environmental pollution	154		2345
144	Exp-OH-60	Montie E.W.	2009	Environmental pollution	154		2345
145	Exp-OH-60	Montie E.W.	2009	Environmental pollution	154		2345
146	Exp-OH-22	Park JS	2009	Marine environmental research	67		129
147	Exp-OH-22	Park JS	2009	Marine environmental research	67		129
148	Exp-OH-22	Park JS	2009	Marine environmental research	67		129
149	Exp-OH-35	Park JS	2009	Environmetn International	35		937
150	Exp-OH-35	Park JS	2009	Environmetn International	35		937
151	Exp-OH-36	Park JS	2009	ECL Report 2009-001			
152	Exp-OH-53	Park JS	2009	Environmental health perspectives	117	10	1600
153	Exp-OH-53	Park JS	2009	Environmental health perspectives	117	10	1600
154	Exp-OH-24	Qiu X	2009	Environmental health perspectives	117	1	93
155	Exp-OH-24	Qiu X	2009	Environmental health perspectives	117	1	93
156	Exp-OH-25	Routti H	2009	Environmental Science and Technology	43	10	3494

Entry No	Common name	Name	Species group I	Species group II	Gender	Age/Status	Source	Year	Entry No
118	Beluga whale	Delphinapterus leucas	Whale	Cetacean	Males	Adult	Survey	2003	118
119	Human	Hommo Sapiens	Human	Human	Females	Adult	Cohort	2002	119
120	Human	Hommo Sapiens	Human	Human	Mixed	Fetus	Cohort	2002	120
121	Ringed seal	Phoca hispida	Seal	Mammals	Mixed	Adult	Survey	2007	121
122	Ringed seal	Phoca hispida	Seal	Mammals	Mixed	Adult	Survey	2007	122
123	Killer whale	Orcinus orca	Whale	Cetacean	Females	Adult	Captive	2000	123
124	Human	Hommo Sapiens	Human	Human	Mixed	Adult	Survey exp	2004	124
125	Human	Hommo Sapiens	Human	Human	Females	Pregnant	Survey	2001	125
126	Human	Hommo Sapiens	Human	Human	Mixed	Fetus	Survey	2001	126
127	Bottlenose dolphin	Tursiops truncatus	Dolphin	Cetacean	Mixed	Adult	Survey	2004	127
128	Bottlenose dolphin	Tursiops truncatus	Dolphin	Cetacean	Mixed	Adult	Survey	2004	128
129	Guillemot	Uria aalge	Guillemot	Birds	Eggs	Fetus	Survey	2005	129
130	Guillemot	Uria aalge	Guillemot	Birds	Eggs	Fetus	Survey	2005	130
131	Guillemot	Uria aalge	Guillemot	Birds	Eggs	Fetus	Survey	2005	131
132	Guillemot	Uria aalge	Guillemot	Birds	Eggs	Fetus	Survey	2005	132
133	Guillemot	Uria aalge	Guillemot	Birds	Eggs	Fetus	Survey	2005	133
134	Guillemot	Uria aalge	Guillemot	Birds	Eggs	Fetus	Survey	2005	134
135	Human	Hommo Sapiens	Human	Human	Males	Adult	Bank	2006	135
136	Cat	Felis catus	Feline	Mammals	Mixed	Adult	Bank	2006	136
137	Dog	Canis lupus familiaris	Canine	Mammals	Males	Adult	Bank	2006	137
138	Raccoon dog	Nyctereutes procyonoides	Canine	Mammals	Males	Adult	Bank	2006	138
139	Northern fur seal	Callorhinus ursinus	Seal	Mammals	Males	Adult	Bank	2006	139
140	Blak-tailed gull	Larus crassirostris	Gulls	Birds	Males	Adult	Bank	2006	140
141	Common cormorant	Phalacrocorax carbo	Cormorant	Birds	Females	Adult	Bank	2006	141
142	Jungle Crow	Corvus macrorhynchos	Crow	Birds	Males	Adult	Bank	2006	142
143	Common dolphin		Dolphin	Cetacean	Females	Adult	Survey	2005	143
144	Atlantic white-sided dolphin		Dolphin	Cetacean	Males	Adult	Survey	2005	144
145	Atlantic white-sided dolphin		Dolphin	Cetacean	Females	Adult	Survey	2005	145
146	Harbor seal	Phoca vitulina	Seal	Mammals	Mixed	Juvenile	Survey	2003	146
147	Harbor seal	Phoca vitulina	Seal	Mammals	Mixed	Adult	Survey	2003	147
148	Harbor seal	Phoca vitulina	Seal	Mammals	Mixed	Adult	Survey	2003	148
149	Human	Hommo Sapiens	Human	Human	Females	Pregnant	Survey high PCBs	1967	149
150	Human	Hommo Sapiens	Human	Human	Females	Pregnant	Survey Low PCBs	1967	150
151	Kestrel		Falcon	Birds	Mixed	Adult	Survey	2007	151
152	Human	Hommo Sapiens	Human	Human	Females	Pregnant	Survey contam	2004	152
153	Human	Hommo Sapiens	Human	Human	Mixed	Fetus	Survey contam	2004	153
154	Human	Hommo Sapiens	Human	Human	Mixed	Fetus	Survey	2004	154
155	Human	Hommo Sapiens	Human	Human	Females	Adult	Survey	2004	155
156	Ringed seal	Phoca hispida	Seal	Mammals	Mixed	Adult	Survey	2006	156

Region	Coastal	Level of exposure	Original Tissue	Tissue	n	Lipid %	Average	LD values
Canada	YES	Not especif	Blubber	Blubber	21	89.4	AM	NR
Netherlands	Not specif	Not especif	Serum	Blood	90	0.7	Median	NS>MDL
Netherlands	Not specif	Not especif	Cord serum	Blood	9	0.5	Median	NS>MDL
Svalbard	YES	Medium	Plasma	Blood	21	0.7	AM	Sam<LOD
Baltic	YES	High	Plasma	Blood	23	0.7	AM	Sam<LOD
USA	YES	Not especif	Plasma	Blood	1	0.0781	1	NR
Inuit	Not specif	Not especif	Plasma	Blood	623	0.7	GM	Sam<LOD
Inuit	YES	Not especif	Plasma	Blood	120	NR	GM	NS>MDL
Inuit	YES	Not especif	Cord plasma	Blood	95	NR	GM	NS>MDL
Florida	YES	Not especif	Plasma	Blood	33	1.5	AM	NS>MDL
South Carolina	YES	Not especif	Plasma	Blood	20	1.5	AM	NS>MDL
Iceland	Not specif	Low	Eggs	Eggs	10	13.0	GM	Sam<LOD
Faroe Islands	Not specif	Medium	Eggs	Eggs	10	12.0	GM	Sam<LOD
Norway	Not specif	Low	Eggs	Eggs	10	15.0	GM	Sam<LOD
Norway	Not specif	Low	Eggs	Eggs	10	13.0	GM	Sam<LOD
Norway	Not specif	Low	Eggs	Eggs	10	12.0	GM	Sam<LOD
Sweden	Not specif	High	Eggs	Eggs	10	14.0	GM	Sam<LOD
Japan	Not specif	Not especif	W.Blood	Blood	1	NR	1	Sam<LOD
Japan	Not specif	Not especif	W.Blood	Blood	1	NR	5	Sam<LOD
Japan	Not specif	Not especif	W.Blood	Blood	1	NR	1	Sam<LOD
Japan	Not specif	Not especif	W.Blood	Blood	1	NR	1	Sam<LOD
Japan	Not specif	Not especif	W.Blood	Blood	1	NR	1	Sam<LOD
Japan	Not specif	Not especif	W.Blood	Blood	1	NR	2	Sam<LOD
Japan	Not specif	Not especif	W.Blood	Blood	1	NR	1	Sam<LOD
Japan	Not specif	Not especif	W.Blood	Blood	1	NR	1	Sam<LOD
USA	YES	Not especif	CSF	Brain	2	NR	AM	Sam<LOD
USA	YES	Not especif	CSF	Brain	2	NR	AM	Sam<LOD
USA	YES	Not especif	CSF	Brain	6	NR	AM	Sam<LOD
San Francisco	YES	High	Liver	Liver	4	3.5	Median	NR
San Francisco	YES	High	Liver	Liver	5	3.5	Median	NR
Gulf of Maine	YES	Medium	Liver	Liver	5	3.5	Median	NR
California	Not specif	High	Serum	Blood	15	0.7	Median	Sam<LOD
California	Not specif	Low	Serum	Blood	15	0.7	Median	Sam<LOD
California	Not specif	Not especif	Plasma	Blood	10	1.4	Max	NR
Slovakia	NO	High	Plasma	Blood	147	NR	AM	all
Slovakia	NO	High	Cord plasma	Blood	80	NR	AM	all
USA	NO	Not especif	Cord plasma	Blood	16	0.5	AM	NS>MDL
USA	NO	Not especif	Plasma	Blood	4	0.7	AM	NS>MDL
Svalbard	YES	Medium	Plasma	Blood	18	0.7	GM	NR

Entry No	PCB 105	PCB 118	PCB 153	PCB 138	PCB 146	PCB 180	PCB 183	PCB 187	>PCB 153	No of cong summed	Sum PCBs	> Sum PCBs
118												
119										1	0.441	1.61
120										1	0.45	0.77
121										43	22	260
122										43	57	185
123										47	31.9	
124	0.078	0.023	0.180	0.078	0.022		0.008	0.035	5.805	20	4.452	99.820
125			0.89									
126			0.2									
127												
128												
129			48.1						97.5	16	48.1	97.5
130			30						40.8	16	30	40.8
131			43.5						73.5	16	43.5	73.5
132			46.8						88.4	16	46.8	88.4
133			34.8						51.6	16	34.8	51.6
134			350						532	16	350	532
135										37	0.59	
136										37	0.16	
137										37	0.079	
138										37	0.92	
139										37	7.8	
140										37	21	
141										37	17	
142										37	11	
143	0.03	0.6	1.3	0.7	0.18	0.32	0.1	0.26	1.57	46	6.03	7.78
144	0.04	0.2	3.5	1.8	0.31	1.2	0.3	0.92	3.99	46	13.205	11.01
145	0.04	0.19	1.1	0.6	0.15	0.3	0.15	0.28	2.47	46	4.93	10.56
146	1.05	2.45	46.2	34.532	8.4	21	7.7	23.8	300.3	8	228.55	1256.5
147	2.1	5.95	324.1	188.65	47.6	135.1	43.05	158.55	310.8	8	1246	1246
148	1.4	2.8	254.45	148.05	31.15	83.65	24.15	78.75	777	8	784	2229.5
149		0.49	0.85	0.82				0.22		11	3.85	7.99
150		0.29	0.43	0.4				0.1		11	2.08	2.67
151												45.4
152												
153												
154												
155												
156												

Entry No	4-OH PCB 107	3-OH PCB 153	3'-OH PCB 138	4-OH PCB 146	4-OH PCB 187	No of cong summed	Sum OH-PCBs	< Sum OH PCBs	>Sum OH PCBs	Sum OH PCBs (nM)	<Sum OH PCBs (nM)	>Sum OH PCBs (nM)	PCB Ratio sum	PCB Ratio >Sum
118														
119	0.026			0.1	0.08	3	0.205	0.072	1.3	0.5	0.2	3.4	0.46	0.807
120	0.017			0.09	0.058	3	0.165	0.078	0.467	0.4	0.2	1.2	0.37	0.606
121						8	0.37	0.02	1.2	1.0	0.1	3.2	0.02	0.005
122						8	13.8	3.1	37	36.4	8.2	97.7	0.24	0.200
123						14	6.5			17.2			0.20	
124	0.173	0.036	0.030	0.137	0.158	10.000	0.642	0.039	14.600	1.7	0.1	38.5	0.14	0.146
125							0.316	0.109	1.517	0.8	0.3	4.0		
126							0.246	0.195	0.309	0.6	0.5	0.8		
127														
128														
129		1.079	0.273			14	1.508	0.8788	2.821				0.03	0.029
130		0.876	0.252			14	1.272	0.6228	2.748				0.04	0.067
131		1.65	0.45			14	2.31	0.9876	3.036				0.05	0.041
132		0.884	0.247			14	1.248	0.534	2.196				0.03	0.025
133		0.84	0.24			14	1.182	0.7128	2.232				0.03	0.043
134		12.04	3.5			14	17.92	9.324	30.12				0.05	0.057
135	0.035		0.0054	0.026	0.059	19	0.22			0.6			0.37	
136	0.1		0.0005	0.0069	0.0088	19	0.84			2.2			5.25	
137	0.015		0.0005	0.089	0.31	19	2.3			6.1			29.11	
138	0.02		0.0078	0.16	0.74	19	4			10.6			4.35	
139	0.046		0.0005	0.0048	0.00048	19	0.51			1.3			0.07	
140	0.017		0.0069	0.067	0.69	19	1.6			4.2			0.08	
141	14		0.0035	0.27	0.47	19	2.4			6.3			0.14	
142	0.0037		0.0015	0.0046	0.04	19	0.12			0.3			0.01	
143	2.435		0.8	0.8	0.8	32	2.435						0.40	
144	8.915		0.8	0.8	0.8	32	8.915						0.68	
145	10.26		0.8	0.8	0.8	32	10.26						2.08	
146	0.140	0.035	0.035	0.035	0.035	17	0.140	0.140	1.190				0.00	0.001
147	0.910	0.035	0.035	0.070	0.140	17	1.575	0.595	24.255				0.00	0.019
148	0.595	0.070	0.175	0.280	0.280	17	1.575	0.665	2.240				0.00	0.001
149	0.08	0.02	0.03	0.05	0.28	8	0.44		0.98	1.2	0.0	2.6	0.11	0.123
150	0.05	0.01	0.01	0.03	0.19	8	0.25		0.69	0.7	0.0	1.8	0.12	0.258
151									2.11			5.6		0.046
152						8	0.671	0.149	1.981	1.8	0.4	5.2		
153						8	0.497	0.112	1.495	1.3	0.3	3.9		
154														
155														
156														

Entry No	BDE-47	BDE 99	BDE 100	BDE 153	BDE 154- BB 153	BDE 209	>BDE 47	No cong summed	Sum BDEs	>Sum BDEs	2'-OH BDE 68	4'-OH BDE 17	4-OH-BDE 42
118									30.396				
119	0.0056	0.0014	0.0014	0.0112	0.0035		0.0427	5	0.0231	0.2317			
120	0.0025	0.0005	0.0007	0.0045	0.0015		0.011	5	0.0095	0.03			
121													
122													
123								39	1.07				
124													
125													
126													
127	2.8	0.28	1.4	0.24	0.57			12	5.5	5.6	0.056	0.013	0.0088
128	18	2.2	6.5	1.2	2.2			12	30	26	0.06	0.105	0.049
129	4.94	1.32		0.31		0.11	11.52	15	6.30	12.84	0.0384		
130	2.52	0.94		0.25		0.11	7.54	15	3.82	10.66	0.026		
131	0.89	0.32		0.07			4.35	15	1.27	5.51	0.063		
132	1.56	0.22		0.06			3.64	15	1.84	4.36	0.0645		
133	1.20	0.20		0.03			3.24	15	1.44	4.00	0.00016154		
134	16.80	3.22		0.53			26.60	15	20.55	33.56	1.54		
135													
136													
137													
138													
139													
140													
141													
142													
143	0.58	0.02	0.12	0.19	0.19	0.19		35	0.64		0.009	0.009	0.009
144	0.77	0.06	0.23	0.2	0.19	0.19		35	1.145		0.009	0.009	0.009
145	13.19	0.1	0.1	0.19	0.19	0.19		35	13.29		0.009	0.009	0.009
146													
147													
148													
149													
150													
151													
152													
153													
154	0.35	0.11	0.06	0.047	0.023			10	0.6	0.875		0.00005	0.0045
155	0.0035	0.021	0.021	0.0469	0.0084			10	0.238	0.392		0.00007	0.00007
156								10	0.17	1.13	0.02		

Entry No	3-OH-BDE 47	6-OH BDE 47	4'-OH BDE 49	4-OH-BDE 90	No cong summed	Sum OH-BDEs	< Sum OH-BDEs	>Sum OH-BDEs	Sum OH PBDEs (nM)	<Sum OH PBDEs (nM)	>Sum OH PBDEs (nM)	BDE Ratio Sum	BDE Ratio >Sum
118					23	0.0894	0.0894	0.05364				0.00	
119		0.0001				0.0001			0.00			0.00	
120		0.0001				0.0001			0.00			0.01	
121													
122													
123					15	0.076			0.15			0.07	
124													
125													
126													
127	0.0075	0.384	0.024	0.015	19	0.624	0.048	2.1	1.25	0.10	4.19	0.11	0.38
128	0.041	0.541	0.091	0.0073	19	1.15	0.347	2.6	2.30	0.69	5.19	0.04	0.10
129		0.504			8	0.5496	0.3516	1.0356				0.09	0.08
130		0.247			8	0.273	0.12924	0.65				0.07	0.06
131		0.345			8	0.405	0.0996	0.765				0.32	0.14
132		0.442			8	0.4979	0.0984	2.1463				0.27	0.49
133		1.116			8	1.14	0.6096	2.1				0.79	0.52
134		16.8			8	16.94	10.644	31.36				0.82	0.93
135													
136													
137													
138													
139													
140													
141													
142													
143	0.009	0.009	0.009	0.009	14	0.31						0.48	
144	0.009	0.05	0.009	0.009	14	0.05						0.04	
145	0.009	0.05	0.009	0.009	14	0.114						0.01	
146													
147													
148													
149													
150													
151													
152													
153													
154	0.008	0.0495	0.0045		18	0.485	0.21	0.76	0.97	0.42	1.52	0.81	0.87
155	0.0007	0.0021	0.0015		18	0.049	0.0265	0.0435	0.10	0.05	0.09	0.21	0.11
156	0.02	0.019	0.02	0.02	5	0.019	0.02	0.11	0.04	0.04	0.22	0.11	0.10

Entry No	Sum PCP	>Sum PCP	Sum PCP nM	>Sum PCP nM	2,4,5 TBP	2,4,6 TBP	Sum TBP	>Sum TBP	Sum TBP nM	Sum 4-OH HpCS	>Sum 4-OH HpCS	Sum 4-OH HpCS nM	>Sum 4-OH HpCS nM	< Sum of HPCs nM	Sum of HPCs nM	> Sum of HPCs nM
118																
119	0.97	8.5	3.64	31.9										0.2	4.2	35.3
120	1.5	1.9	5.63	7.1										0.2	6.1	8.4
121														0.1	1.0	3.2
122														8.2	36.4	97.7
123	0.3		1.13											0.0	18.4	0.0
124	0.801	18	3.01	67.57										0.1	4.7	106.1
125	0.931	2.898	3.49	10.9										0.3	4.3	14.9
126	1.078	2.913	4.05	10.9										0.5	4.7	11.8
127														0.1	1.2	4.2
128														0.7	2.3	5.2
129																
130																
131																
132																
133																
134																
135	0.74		2.78												3.4	
136	2.2		8.26												10.5	
137	0.15		0.56												6.6	
138	1.1		4.13												14.7	
139	0.11		0.41												1.8	
140	0.036		0.14												4.4	
141	0.73		2.74												9.1	
142	0.13		0.49												0.8	
143										0.8						
144										0.8						
145										0.8						
146																
147																
148																
149															1.2	2.6
150															0.7	1.8
151															0.00	5.57
152														0.4	1.8	5.2
153														0.3	1.3	3.9
154					0.0395	0.028	0.1675		0.1					0.4	1.0	1.5
155					0.0014	0.0056	0.0175		0.0					0.1	0.1	0.1
156															0.04	0.22

Entry No	REF ID	Author	Year	Publisher	Volume	Number	Page
157	Exp-OH-25	Routti H	2009	Environmental Science and Technology	43	10	3494
158	Exp-OH-30	Weijjs L	2009	Environment International	35		842
159	Exp-OH-30	Weijjs L	2009	Environment International	35		842
160	Exp-OH-70	Dirtu A.C.	2010	Environmental Science and Technology	44		2876
161	Exp-OH-70	Dirtu A.C.	2010	Environmental Science and Technology	44		2876
162	Exp-OH-71	Fernie K.J.	2010	Environmental Science and Technology	44		3520
163	Exp-OH-26	Gutleb AC	2010	Environmental Science and Technology	44	8	3150
164	Exp-OH-42	Jörundsdóttir H	2010	Environmental Science and Technology	44		3252
165	Exp-OH-42	Jörundsdóttir H	2010	Environmental Science and Technology	44		3252
166	Exp-OH-42	Jörundsdóttir H	2010	Environmental Science and Technology	44		3252
167	Exp-OH-42	Jörundsdóttir H	2010	Environmental Science and Technology	44		3252
168	Exp-OH-42	Jörundsdóttir H	2010	Environmental Science and Technology	44		3252
169	Exp-OH-42	Jörundsdóttir H	2010	Environmental Science and Technology	44		3252
170	Exp-OH-42	Jörundsdóttir H	2010	Environmental Science and Technology	44		3252
171	Exp-OH-73	Liu J	2010	Archives of environmental contamination and toxicology	59		492
172	Exp-OH-73	Liu J	2010	Archives of environmental contamination and toxicology	59		492
173	Exp-OH-73	Liu J	2010	Archives of environmental contamination and toxicology	59		492
174	Exp-OH-62	Nomiyama K	2010	Environmental Science and Technology	44		2890
175	Exp-OH-62	Nomiyama K	2010	Environmental Science and Technology	44		2890
176	Exp-OH-67	Strid A	2010	Environmental toxicology and chemistry	29	12	2653
177	Exp-OH-67	Strid A	2010	Environmental toxicology and chemistry	29	12	2653
178	Exp-OH-44	Zhang K	2010	Environmental Science and Technology	44		5781
179	Exp-OH-44	Zhang K	2010	Environmental Science and Technology	44		5781
180	Exp-OH-44	Zhang K	2010	Environmental Science and Technology	44		5781
181	Exp-OH-44	Zhang K	2010	Environmental Science and Technology	44		5781
182	Exp-OH-27	Glynn A	2011	Chemosphere	83		144
183	Exp-OH-28	Gómará B	2011	Environmental Science and Pollution Research	19	1	139
184	Exp-OH-45	Nomiyama K	2011	Env.Sci.Tech/Env.Poll	44/159		3732/3364
185	Exp-OH-45	Nomiyama K	2011	Env.Sci.Tech/Env.Poll	44/159		3732/3364
186	Exp-OH-45	Nomiyama K	2011	Env.Sci.Tech/Env.Poll	44/159		3732/3364
187	Exp-OH-45	Nomiyama K	2011	Env.Sci.Tech/Env.Poll	44/159		3732/3364
188	Exp-OH-45	Nomiyama K	2011	Env.Sci.Tech/Env.Poll	44/159		3732/3364
189	Exp-OH-45	Nomiyama K	2011	Env.Sci.Tech/Env.Poll	44/159		3732/3364
190	Exp-OH-45	Nomiyama K	2011	Env.Sci.Tech/Env.Poll	44/159		3732/3364
191	Exp-OH-45	Nomiyama K	2011	Env.Sci.Tech/Env.Poll	44/159		3732/3364
192	Exp-OH-45	Nomiyama K	2011	Env.Sci.Tech/Env.Poll	44/159		3732/3364
193	Exp-OH-45	Nomiyama K	2011	Env.Sci.Tech/Env.Poll	44/159		3732/3364
194	Exp-OH-45	Nomiyama K	2011	Env.Sci.Tech/Env.Poll	44/159		3732/3364
195	Exp-OH-63	Nomiyama K	2011	Chemosphere	85		315

Entry No	Common name	Name	Species group I	Species group II	Gender	Age/Status	Source	Year	Entry No
157	Ringed seal	Phoca hispida	Seal	Mammals	Mixed	Adult	Survey	2006	157
158	Harbor seal	Phoca vitulina	Seal	Mammals	Mixed	Adult	Survey	2008	158
159	Harbor Porpoises	Phocoena Phocoena	Porpoise	Cetacean	Mixed	Adult	Survey	2008	159
160	Human	Hommo Sapiens	Human	Human	Mixed	Adult	Sample	2007	160
161	Human	Hommo Sapiens	Human	Human	Mixed	Adult	Sample	2000	161
162	Peregrine Falcon	Falco peregrinus	Falcon	Birds	Mixed	Juvenile	Survey	2005	162
163	Polar Bear	Ursus maritimus	Polar Bear	Mammals	Mixed	Adult	Survey	2000	163
164	Common eider	Somateria mollissima	Eider	Birds	Eggs	Fetus	Survey	2004	164
165	Arctic tern	Sterna paradisaea	Tern	Birds	Eggs	Fetus	Survey	2004	165
166	Guillemot	Uria aalge	Guillemot	Birds	Eggs	Fetus	Survey	2004	166
167	Fulmar	Fulmarus glacialis	Fulmar	Birds	Eggs	Fetus	Survey	2004	167
168	Great black-backed gull	Larus marinus	Gulls	Birds	Eggs	Fetus	Survey	2004	168
169	Lesser black-backed gull	Larus fuscus	Gulls	Birds	Eggs	Fetus	Survey	2004	169
170	Great skua	Stercorarius skua	Skua	Birds	Eggs	Fetus	Survey	2004	170
171	White-breasted waterhen	Amaurornis phoenicurus	Waterhen	Birds	Mixed	Adult	Survey	2008	171
172	Pintail snipe	Gallinago stenura	Wader	Birds	Mixed	Adult	Survey	2008	172
173	Common pheasant	Phasianus colchicus	Pheasant	Birds	Mixed	Adult	Survey	2008	173
174	Human	Hommo Sapiens	Human	Human	Females	Adult	Survey	2001	174
175	Human	Hommo Sapiens	Human	Human	Females	Adult	Survey	2001	175
176	Greenland shark	Somniosus microcephalus	Shark	Fish	Females	Adult	Cought	2003	176
177	Greenland shark	Somniosus microcephalus	Shark	Fish	Females	Adult	Cought	2003	177
178	Chinese sturgeon	Acipenser sinensis	Sturgeon	Fish	Eggs	Fetus	Survey	2006	178
179	Chinese sturgeon	Acipenser sinensis	Sturgeon	Fish	Mixed	Adult	Survey	2006	179
180	Chinese sturgeon	Acipenser sinensis	Sturgeon	Fish	Mixed	Adult	Survey	2006	180
181	Chinese sturgeon	Acipenser sinensis	Sturgeon	Fish	Mixed	Adult	Survey	2006	181
182	Human	Hommo Sapiens	Human	Human	Females	Adult	Survey	1999	182
183	Human	Hommo Sapiens	Human	Human	Females	Adult	Survey	2004	183
184	Finless porpoise	Neophocaena phocaenoides	Porpoise	Cetacean	Mixed	Adult	Survey	2007	184
185	Melon-headed whale	Peponocephala electra	Whale	Cetacean	Mixed	Adult	Survey	2007	185
186	Pacific whithe-sided dolphin	Lagenorhynchus obliquidens	Dolphin	Cetacean	Mixed	Adult	Survey	2007	186
187	Beluga whale	Delphinapterus leucas	Whale	Cetacean	Males	Adult	Survey	2007	187
188	Blainville's beaked whale	Mesoplodon densirostris	Whale	Cetacean	Mixed	Adult	Survey	2007	188
189	Sperm whale	Physeter macrocephalus	Whale	Cetacean	Mixed	Adult	Survey	2007	189
190	Stejneger's beaked whale	Mesoplodon stejnegeri	Whale	Cetacean	Mixed	Adult	Survey	2007	190
191	Killer whale	Orcinus orca	Whale	Cetacean	Mixed	Adult	Survey	2007	191
192	Eden's whale	Balaenoptera edeni	Whale	Cetacean	Males	Adult	Survey	2007	192
193	Humpback whale	Megaptera novaeangliae	Whale	Cetacean	Females	Adult	Survey	2007	193
194	Common minke whale	Balaenoptera acutorostrata	Whale	Cetacean	Mixed	Adult	Survey	2007	194
195	Japanese amberjack	Seriola quinqueradiata	Shark	Fish	Females	Adult	Survey	2010	195

Region	Coastal	Level of exposure	Original Tissue	Tissue	n	Lipid %	Average	LD values
Baltic	YES	High	Plasma	Blood	18	0.7	GM	NR
Netherlands	YES	Not especif	Serum	Blood	47	0.3	Median	Sam<LOD
Netherlands	YES	Not especif	Serum	Blood	21	1.4	Median	Sam<LOD
Romania	NO	High	Serum	Blood	53	0.47	Median	Sam<LOD
Belgium	Not specif	Low	Serum	Blood	20	0.735	Median	Sam<LOD
Canada	NO	Not especif	Plasma	Blood	34	NR	AM	Sam<LOD
Norway	YES		Plasma	Blood	6	1.0	AM	Sam<LOD
Iceland	YES	Not especif	Eggs	Eggs	10	10.0	GM	NR
Iceland	YES	Not especif	Eggs	Eggs	6	10.0	GM	NR
Iceland	YES	Not especif	Eggs	Eggs	10	10.0	GM	NR
Iceland	YES	Not especif	Eggs	Eggs	10	10.0	GM	NR
Iceland	YES	Not especif	Eggs	Eggs	9	10.0	GM	NR
Iceland	YES	Not especif	Eggs	Eggs	8	10.0	GM	NR
Iceland	YES	Not especif	Eggs	Eggs	10	10.0	GM	NR
China	NO	Not especif	Serum	Blood	7	0.73	AM	Sam<LOD
China	NO	Not especif	Serum	Blood	2	0.89	AM	Sam<LOD
China	NO	Not especif	Serum	Blood	2	1	AM	Sam<LOD
Japan	Not specif	Not especif	Serum	Blood	51	0.62	AM	Sam<LOD
Japan	Not specif	Not especif	Breast adipose	Adipose	51	80	AM	Sam<LOD
Iceland	YES	Not especif	Muscle	Muscle	10	66	Median	Sam<LOD
Iceland	YES	Not especif	Liver	Liver	10	3.5	Median	Sam<LOD
China	NO	Not especif	Eggs	Eggs	15	35.0	AM	Sam<LOD
China	NO	Not especif	Liver	Liver	8	13.0	AM	Sam<LOD
China	NO	Not especif	Muscle	Muscle	5	66.0	AM	Sam<LOD
China	NO	Not especif	Adipose	Adipose	8	90.0	AM	Sam<LOD
Sweeden	Not specif	Not especif	Serum	Blood	8	0.7	Median	NR
Spain	NO	Not especif	Placenta	Placenta	17	0.7	AM	Sam<LOD
Japan	YES	Not especif	W.Blood	Blood	7	1.0	Median	Sam<LOD
Japan	YES	Not especif	W.Blood	Blood	10	1.0	Median	Sam<LOD
Japan	YES	Not especif	W.Blood	Blood	7	1.0	Median	Sam<LOD
Japan	YES	Not especif	W.Blood	Blood	1	1.0	Median	Sam<LOD
Japan	YES	Not especif	W.Blood	Blood	4	1.0	Median	Sam<LOD
Japan	YES	Not especif	W.Blood	Blood	2	1.0	Median	Sam<LOD
Japan	YES	Not especif	W.Blood	Blood	12	1.0	Median	Sam<LOD
Japan	YES	Not especif	W.Blood	Blood	3	1.0	Median	Sam<LOD
Japan	YES	Not especif	W.Blood	Blood	1	1.0	Median	Sam<LOD
Japan	YES	Not especif	W.Blood	Blood	1	1.0	Median	Sam<LOD
Japan	YES	Not especif	W.Blood	Blood	2	1.0	Median	Sam<LOD
Japan	YES	Not especif	W.Blood	Blood	10	NR	AM	Sam<LOD

Entry No	PCB 105	PCB 118	PCB 153	PCB 138	PCB 146	PCB 180	PCB 183	PCB 187	>PCB 153	No of cong summed	Sum PCBs	> Sum PCBs
157												
158	0.06	0.25	16	7.67			0.72	4.03	79.8	19	39.52	160
159	0.199	1.2	6.88	3.39			0.399	1.82	51.3	19	24.179	134
160	0.015	0.06	0.68	0.565	0.058	0.88	0.073	0.25	3.83	13	3.1	19.43
161	0.01	0.15	1.115	0.725	0.088	0.71	0.07	0.11	2.405	13	3.38	6.97
162											73.28	368.21
163		0.2	57.3	12.9			0.8	0.1	125	16	154.8	324
164			15	13			0.89	3.2		17	56	
165			16	13			1.3	2.9		17	56	
166			37	36			3.8	21		17	180	
167			180	76			18	3.8		17	540	
168			190	16			18	37		17	710	
169			160	12			22	43		17	600	
170			1800	92			220	280		17	6200	
171	0.05	0.89	0.69	3.93		2.27		0.17		13	12.22	
172	0.13	0.43	0.26	2.94		0.21		0.00		13	7.12	
173	4.85	30.35	28.22	17.57		18.26		1.81		13	143.78	
174	0.032	0.14	0.48	0.32	0.089	0.37	0.028	0.18	1.3	50	3.2	6.9
175	4.24	19.2	96	67.2	1.36	73.6	8.8	36	288	50	432	960
176												
177												
178												
179												
180												
181												
182		0.06	0.37	0.18					0.75	10	0.91	1.69
183		112	309	226	59		56		664	15	2546	4331
184	0.2	1.1	6.6	3.5		1.8	0.7	2.5	12	62	33	54
185	0.2	0.3	1.1	1.2		0.5	0.1	0.4	6.1	62	6.6	36
186	0.8	2	13	8.5		4.2	1.1	2.6	79	62	50	420
187	0.3	1.5	4.9	4.5		1.3	0.4	1.2		62	33	33
188	0.1	0.5	1.2	1.1		0.4	0.1	0.4	2.5	62	6.3	15
189	0.4	1.7	3.3	3.2		1	0.3	0.9	5.9	62	22	39
190	0.9	5.4	12	11		0.5	1.2	2.5	71	62	37	410
191	5.4	20	81	76		28	8.9	18	280	62	390	5600
192	0.1	0.2	0.5	0.1		0.2	0.1	0.1	0.8	62	4.9	4.9
193	0.1	0.1	0.1	1		0.1	0.1	0.3		62	0.1	0.1
194	0.1	0.5	1.1	0.5		0.4	0.1	0.2	1.2	62	5.3	5.3
195	0.043		0.25	0.18		0.068	0.033	0.12		62	2.2	

Entry No	4-OH PCB 107	3-OH PCB 153	3'-OH PCB 138	4-OH PCB 146	4-OH PCB 187	No of cong summed	Sum OH-PCBs	< Sum OH PCBs	>Sum OH PCBs	Sum OH PCBs (nM)	<Sum OH PCBs (nM)	>Sum OH PCBs (nM)	PCB Ratio sum	PCB Ratio >Sum
157														
158	1.84	0.024	0.117	0.491	0.253	21	3.361	0.45	1.5	8.9	1.2	4.0	0.09	0.009
159	0.02	0.015	0.015	0.015	0.01	21	0.2	0.1	0.28	0.5	0.3	0.7	0.01	0.002
160	0.012	0.0085	0.014	0.037	0.052	12	0.175	0.05	0.795	0.5	0.1	2.1	0.06	0.041
161	0.078	0.015	0.022	0.092	0.057	12	0.312	0.155	0.68	0.8	0.4	1.8	0.09	0.098
162							14.39	0.51	46.2	38.0	1.3	122.0	0.20	0.125
163	13.6			166	68.7	4	248.3		379.3	655.5	0.0	1001.3	1.60	1.171
164		0.002		0.002		14	0.05						0.0009	
165		0.002		0.002		14	0.035						0.0006	
166		0.002		0.027		14	1.1						0.0061	
167		0.002		0.33		14	1.7						0.0031	
168		0.002		0.002		14	1.5						0.0021	
169		0.002		0.002		14	0.13						0.0002	
170		0.023		0.11		14	0.4						0.0001	
171														
172														
173														
174	0.1	0.04	0.031	0.083	0.12	90	0.69	0.17	0.96	1.8	0.4	2.5	0.22	0.139
175	0.0112	0.0328	0.00008	0.00592	0.0088	90	0.12	0.032	0.44				0.00	0.000
176														
177														
178														
179														
180														
181														
182	0.2			0.13	0.21	3	0.54	0.35	1.05	1.4	0.9	2.8	0.59	0.621
183	0.0075	0.014	0.011	0.028	0.053	13	0.137	0.053	0.261				0.00	0.000
184	0.0052	0.0005	0.006	0.0006	0.0006	52	0.019	0.014	0.064	0.1	0.0	0.2	0.00	0.001
185	0.0007	0.0008	0.006	0.0006	0.0006	52	0.049	0.03	0.22	0.1	0.1	0.6	0.01	0.006
186	0.0023	0.0008	0.008	0.0009	0.0013	52	0.064	0.037	0.13	0.2	0.1	0.3	0.00	0.000
187	0.11	0.006	0.0006	0.0006	0.0023	52	0.15	0.15	0.15	0.4	0.4	0.4	0.00	0.005
188	0.013	0.006	0.0006	0.0017	0.0013	52	0.12	0.072	0.22	0.3	0.2	0.6	0.02	0.015
189	0.0059	0.0035	0.0011	0.0006	0.0021	52	0.14	0.11	0.17	0.4	0.3	0.4	0.01	0.004
190	0.0032	0.0021	0.009	0.0006	0.0014	52	0.25	0.057	1	0.7	0.2	2.6	0.01	0.002
191	1.1	0.0034	0.0026	0.0025	0.0034	52	2.1	1.3	8.9	5.5	3.4	23.5	0.01	0.002
192	0.0024	0.0005	0.0006	0.0009	0.0006	52	0.068	0.061	0.074	0.2	0.2	0.2	0.01	0.015
193	0.0023	0.0007	0.0006	0.0021	0.0013	52	0.094	0.094	0.094	0.2	0.2	0.2	0.01	0.010
194	0.0042	0.0006	0.0006	0.0028	0.0006	52	0.36	0.35	0.38	1.0	0.9	1.0	0.07	
195				0.001	0.001	52	0.085			0.2			0.04	

Entry No	BDE-47	BDE 99	BDE 100	BDE 153	BDE 154-BB 153	BDE 209	>BDE 47	No cong summed	Sum BDEs	>Sum BDEs	2'-OH BDE 68	4'-OH BDE 17	4-OH-BDE 42
157								10	0.69	1	0.079		
158	0.059	0.01	0.057	0.01	0.01		0.348	6	0.116	3.26			
159	0.668	0.155	0.334	0.031	0.078		1.67	6	1.162	0.72			
160													
161													
162								14	37.62	195.79			
163													
164													
165													
166													
167													
168													
169													
170													
171	0.21	0.25	0.09	0.33	0.26			10	1.24		0.01	0.03	
172	0.14	0.11	0.02	0.04	0.03			10	0.38		0.01	0.00	
173	36.21	3.99	1.92	2.77	1.10			10	46.86		0.10	0.00	
174													
175													
176								8	23.1	125.4			
177								8	1.435	7			
178	14	0.3	2.5	0.5	2.2		48	11	21	71	0.0001		
179	15	0.2	3.9	1	3.6		49	11	25	61	0.0029		
180	29	0.5	5.7	1.1	3.5		85	11	42	115	0.0001		
181	0.5	0.03	0.1	0.04	0.1		1.3	11	0.89	3	0.0001		
182													
183													
184	160	1	1	11	43		510	9	290	1600	0.0047		
185	1	1	1	1	1		120	9	1	300	0.021		
186	1400	750	990	380	980		3800	9	4900	10000	0.012		
187	110	22	13	40	89		110	9	270	270	0.0036		
188	41	1	1	1	12		88	9	58	290	0.12		
189	280	42	67	25	100		420	9	520	720	0.044		
190	420	120	150	350	360		6200	9	1000	10000	0.0075		
191	4600	1300	1100	710	1300		6300	9	10000	54000	0.0013	0.011	
192	1	1	1	1	1		1	9	1	1	0.002		
193	1	1	1	1	1		1	9	1	1	0.00022		
194	510	130	110	1	12		930	9	760	1400	0.001		
195	0.012	0.0005	0.0005	0.0005	0.0021			7	0.015		0.055	0.001	0.001

Entry No	3-OH-BDE 47	6-OH BDE 47	4'-OH BDE 49	4-OH-BDE 90	No cong summed	Sum OH-BDEs	< Sum OH-BDEs	>Sum OH-BDEs	Sum OH PBDEs (nM)	<Sum OH PBDEs (nM)	>Sum OH PBDEs (nM)	BDE Ratio Sum	BDE Ratio >Sum
157	0.066	0.074	0.026	0.07	5	0.36	0.02	1.06	0.72	0.04	2.12	0.52	1.06
158					8	0.01	0.01	0.01	0.02	0.02	0.02	0.09	0.00
159					8	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.01
160													
161													
162					14	2.33	0.01	12.06	4.65	0.02	24.09	0.06	0.06
163													
164													
165													
166													
167													
168													
169													
170													
171	0.08	0.02	0.03		5	0.19			0.39			0.16	
172	0.42	0.02	0.00		5	0.13			0.25			0.33	
173	0.27	0.00	0.00		5	0.64			1.28			0.01	
174													
175													
176					2	0.020	0.007	0.046				0.00	0.00
177					2	0.004	0.001	0.035				0.00	0.01
178		0.18	0.0088		9	0.1912	0.017	1.3				0.01	0.02
179		0.17	0.015		9	0.204	0.035	0.679				0.01	0.01
180		0.017	0.0001		9	0.031	0.001	0.01				0.00	0.00
181		0.0052	0.0001		9	0.0052	0.001	0.018				0.01	0.01
182													
183													
184		0.52			28	0.53	0.035	2.7	1.06	0.07	5.39	0.00	0.00
185		0.1			28	0.13	0.052	2.44	0.26	0.10	4.87	0.13	0.01
186	0.0027	0.7	0.0087		28	0.75	0.17	1.6	1.50	0.34	3.20	0.00	0.00
187		0.047	0.0024		28	0.053	0.053	0.053	0.11	0.11	0.11	0.00	0.00
188		0.078	0.013		28	0.21	0.14	0.46	0.42	0.28	0.92	0.00	0.00
189		2.2			28	2.3	2.28	2.29	4.59	4.55	4.57	0.00	0.00
190		0.2	0.02		28	0.31	0.1	0.6	0.62	0.20	1.20	0.00	0.00
191		0.3	0.0093		28	1.35	0.22	3.5	2.70	0.44	6.99	0.00	0.00
192		0.17	0.039		28	0.24	0.24	0.24	0.48	0.48	0.48	0.24	0.24
193		0.18			28	0.18	0.18	0.18	0.36	0.36	0.36	0.18	0.18
194		0.41			28	0.41	0.31	0.5	0.82	0.62	1.00	0.00	0.00
195	0.001	0.099	0.001	0.001	28	0.15			0.30			10.00	

Entry No	Sum PCP	>Sum PCP	Sum PCP nM	>Sum PCP nM	2,4,5 TBP	2,4,6 TBP	Sum TBP	>Sum TBP	Sum TBP nM	Sum 4-OH HpCS	>Sum 4-OH HpCS	Sum 4-OH HpCS nM	>Sum 4-OH HpCS nM	< Sum of HPCs nM	Sum of HPCs nM	> Sum of HPCs nM
157															0.7	2.1
158														1.2	8.9	4.0
159														0.3	0.5	0.8
160	0.5	1.205	1.88	4.5										0.1	2.3	6.6
161	6.3	20.25	23.65	76.0										0.4	24.5	77.8
162	5.76	24.44	21.62	91.8						0.09	0.71	0.25	0.20	1.4	64.5	238.0
163															655.5	1001.3
164																
165																
166																
167																
168																
169																
170																
171															0.4	
172															0.3	
173															1.3	
174														0.4	1.8	2.5
175																
176						0.2442	0.2442									
177						0.0098	0.0098									
178																
179																
180																
181																
182	2.9	8.1	10.89	30.41										0.9	12.3	33.2
183																
184					0.001	0.87	0.87	2.1	0.3					0.1	1.4	5.6
185					0.0016	0.24	0.24	0.88	0.1					0.2	0.5	5.5
186					0.00088	0.25	0.25	0.66	0.1					0.4	1.7	3.5
187					0.0016	0.48	0.48		0.1					0.5	0.6	0.5
188					0.0031	0.37	0.37	0.67	0.1					0.5	0.8	1.5
189					0.0062	0.8	0.8	0.89	0.2					4.8	5.2	5.0
190					0.0053	0.24	0.24	0.45	0.1					0.4	1.4	3.8
191					0.081	0.45	0.45	0.5	0.1					3.9	8.4	30.5
192					0.0005	1.4	1.4		0.4					0.6	1.1	0.7
193					0.0005	1.4	1.4		0.4					0.6	1.0	0.6
194					0.0043	0.98	0.98	0.99	0.3					1.5	2.1	2.0
195															0.5	

Entry No	REF ID	Author	Year	Publisher	Volume	Number	Page
196	Exp-OH-63	Nomiyama K	2011	Chemosphere	85		315
197	Exp-OH-63	Nomiyama K	2011	Chemosphere	85		315
198	Exp-OH-63	Nomiyama K	2011	Chemosphere	85		315
199	Exp-OH-37	Zota AR	2011	Environmental Science and Technology	45		7896
200	Exp-OH-74	Bytingsvik J	2012	Science of the total environment	417-418		117
201	Exp-OH-74	Bytingsvik J	2012	Science of the total environment	417-418		117
202	Exp-OH-74	Bytingsvik J	2012	Science of the total environment	417-418		117
203	Exp-OH-74	Bytingsvik J	2012	Science of the total environment	417-418		117
204	Exp-OH-68	Eguchi A	2012	Environment International	47		8
205	Exp-OH-68	Eguchi A	2012	Environment International	47		8
206	Exp-OH-68	Eguchi A	2012	Environment International	47		8
207	Exp-OH-69	Helgason L / Nøst T.H.	2012	Comp. Bioch. Physio. / Sci total Env	152 / 414		34 / 248
208	Exp-OH-69	Helgason L / Nøst T.H.	2012	Comp. Bioch. Physio. / Sci total Env	152 / 414		34 / 248
209	Exp-OH-1	Bergman A	1994	Environmental health perspectives	102		464
210	Exp-OH-1	Bergman A	1994	Environmental health perspectives	102		464
211	Exp-OH-1	Bergman A	1994	Environmental health perspectives	102		464
212	Exp-OH-1	Bergman A	1994	Environmental health perspectives	102		464
213	Exp-OH-1	Bergman A	1994	Environmental health perspectives	102		464
214	Exp-OH-14	Qiu X	2007	Environmental health perspectives	115	7	1052
215	Exp-OH-14	Qiu X	2007	Environmental health perspectives	115	7	1052
216	Exp-OH-14	Qiu X	2007	Environmental health perspectives	115	7	1052
217	Exp-OH-29	Berg V	2010	Chemosphere	80		1144
218	Exp-OH-29	Berg V	2010	Chemosphere	80		1144

Entry No	Common name	Name	Species group I	Species group II	Gender	Age/Status	Source	Year	Entry No
196	Japanese amberjack	Seriola quinqueradiata	Shark	Fish	Males	Adult	Survey	2010	196
197	Scalloped hammerhead shark	Sphyrna lewini	Shark	Fish	Females	Adult	Survey	2010	197
198	Scalloped hammerhead shark	Sphyrna lewini	Shark	Fish	Males	Adult	Survey	2010	198
199	Human	Hommo Sapiens	Human	Human	Females	Pregnant	Survey	2009	199
200	Polar Bear	Ursus maritimus	Polar Bear	Mammals	Females	Adult	Survey	1998	200
201	Polar Bear	Ursus maritimus	Polar Bear	Mammals	Females	Adult	Survey	1998	201
202	Polar Bear	Ursus maritimus	Polar Bear	Mammals	Mixed	Juvenile	Survey	2008	202
203	Polar Bear	Ursus maritimus	Polar Bear	Mammals	Mixed	Juvenile	Survey	2008	203
204	Human	Hommo Sapiens	Human	Human	Mixed	Adult	Survey	2007	204
205	Human	Hommo Sapiens	Human	Human	Mixed	Adult	Survey	2007	205
206	Human	Hommo Sapiens	Human	Human	Mixed	Adult	Survey	2007	206
207	Blak-legged kittiwake	Rissa tridactyla	Gulls	Birds	Mixed	Juvenile	Sample	2006	207
208	Fulmar	Fulmarus glacialis	Fulmar	Birds	Mixed	Juvenile	Sample	2006	208
209	Rat	Sprague-Dawley	Rat	Mammals	Females	Adult	Aroclor	1994	209
210	Rat	Sprague-Dawley	Rat	Mammals	Females	Adult	Aroclor	1994	210
211	Rat	Sprague-Dawley	Rat	Mammals	Females	Adult	Aroclor	1994	211
212	Rat	Sprague-Dawley	Rat	Mammals	Females	Adult	Aroclor	1994	212
213	Rat	Sprague-Dawley	Rat	Mammals	Females	Adult	Aroclor	1994	213
214	Mouse	BALBc	Mouse	Mammals	Females	Adult	DE-71 oral	2006	214
215	Mouse	BALBc	Mouse	Mammals	Females	Adult	DE-71 sc injection	2006	215
216	Mouse	BALBc	Mouse	Mammals	Females	Adult	Control	2006	216
217	Norwegian Dala	Ovis aries	Sheep	Mammals	Females	Adult	PCBs	2010	217
218	Norwegian Dala	Ovis aries	Sheep	Mammals	Females	Adult	PCBs	2010	218

Region	Coastal	Level of exposure	Original Tissue	Tissue	n	Lipid %	Average	LD values
Japan	YES	Not especif	W.Blood	Blood	5	NR	AM	Sam<LOD
Japan	YES	Not especif	W.Blood	Blood	3	NR	AM	Sam<LOD
Japan	YES	Not especif	W.Blood	Blood	4	NR	AM	Sam<LOD
California	Not specif	Not especif	Plasma	Blood	25	0.7	GM	NS>MDL
Svalbard	YES	Not especif	Plasma	Blood	16	1..1	AM	NS>MDL
Svalbard	YES	Not especif	Plasma	Blood	10	1.3	AM	NS>MDL
Svalbard	YES	Not especif	Plasma	Blood	16	0.9	AM	NS>MDL
Svalbard	YES	Not especif	Plasma	Blood	10	1.3	AM	NS>MDL
India	NO	Medium	Serum	Blood	25	NR	AM	Sam<LOD
India	NO	High	Serum	Blood	20	NR	AM	Sam<LOD
India	YES	Medium	Serum	Blood	20	NR	AM	Sam<LOD
Svalbard	YES	Not especif	Plasma	Blood	10	0.93	Mean	NS>MDL
Svalbard	YES	Not especif	Plasma	Blood	10	1.17	Mean	NS>MDL
Exposed			Plasma	Blood	4	0.7	AM	
Exposed			Lung	Lung	4	nr	AM	
Exposed			Liver	Liver	4	3.5	AM	
Exposed			Kidney	Kidney	4	nr	AM	
Exposed			Adipose	Adipose	4	100.0	AM	
Exposed			Plasma	Blood	15	0.7	AM	
Exposed			Plasma	Blood	14	0.7	AM	
Exposed			Plasma	Blood	19	0.7	AM	
Exposed	NO		Plasma	Blood	16	1.0	AM	
Exposed	NO		Plasma	Blood	16	1.0	AM	

Entry No	PCB 105	PCB 118	PCB 153	PCB 138	PCB 146	PCB 180	PCB 183	PCB 187	>PCB 153	No of cong summed	Sum PCBs	> Sum PCBs
196	0.038		0.22	0.15		0.044	0.032	0.14		62	1.8	
197	0.059		53	0.29		0.36	0.084	0.27		62	2.7	
198	0.11		0.94	0.53		0.69	0.18	0.51		62	4.4	
199												
200										21	62.88	
201										21	33.33	
202										21	132.02	
203										21	78.98	
204	0.001	0.0011	0.0029	0.007		0.0038	0.00024		0.011	62	0.06	0.1
205	0.0052	0.014	0.041	0.029		0.05	0.012		0.42	62	0.36	3.2
206	0.0044	0.017	0.026	0.028		0.014	0.0013		0.086	62	0.14	0.4
207									0.01	32	4.47	10.7
208									0.06	32	21.4	35.1
209											7	
210											6.6	
211											1.7	
212											4	
213											3.5	
214												
215												
216												
217		10	8.1								18.1	
218		1.4	44								45.4	

Entry No	4-OH PCB 107	3-OH PCB 153	3'-OH PCB 138	4-OH PCB 146	4-OH PCB 187	No of cong summed	Sum OH-PCBs	< Sum OH PCBs	>Sum OH PCBs	Sum OH PCBs (nM)	<Sum OH PCBs (nM)	>Sum OH PCBs (nM)	PCB Ratio sum	PCB Ratio >Sum
196				0.001	0.001	52	0.1			0.3			0.06	
197				0.034	0.001	52	0.44			1.2			0.16	
198				0.01	0.001	52	0.3			0.8			0.07	
199														
200							267.70			706.7			4.26	
201							92.10			243.1			2.76	
202							123.70			326.6			0.94	
203							65.10			171.9			0.82	
204	0.0067	0.0002	0.00055	0.0038	0.0036	52	0.03	0.014	0.054	0.1	0.0	0.1	0.50	0.540
205	0.011	0.0003	0.0013	0.0038	0.0031	52	0.045	0.012	0.15	0.1	0.0	0.4	0.13	0.047
206	0.016	0.00021	0.00097	0.0082	0.005	52	0.047	0.013	0.12	0.1	0.0	0.3	0.34	0.300
207		0.01		0.01	0.5		1.0	0.5	1	2.6	1.3	2.6	0.22	0.093
208		0.35		12	33		44.0	21.18	81.65	116.2	55.9	215.5	2.06	2.326
209							72						10.29	
210							3.6						0.55	
211							1.8						1.06	
212							0.9						0.23	
213														
214														
215														
216														
217	308			0.8			308.08						17.02	
218	13			3			16						0.35	

Entry No	BDE-47	BDE 99	BDE 100	BDE 153	BDE 154- BB 153	BDE 209	>BDE 47	No cong summed	Sum BDEs	>Sum BDEs	2'-OH BDE 68	4'-OH BDE 17	4-OH-BDE 42
196	0.0073	0.0005	0.0007	0.0006	0.0023			7	0.012		0.11	0.001	0.001
197	0.005	0.0005	0.0005	0.001	0.0015			7	0.0083		0.0049	0.001	0.001
198	0.007	0.0005	0.0008	0.0016	0.0028			7	0.012		0.0015	0.001	0.001
199	0.294	0.079	0.061	0.105				19	0.584	1.355		0.014	
200													
201													
202													
203													
204	0.0031	0.0035	0.0012	0.0063	0.00042	0.066	0.0061	14	0.12	0.36	0.00026		
205	0.0035	0.0029	0.0019	0.0085	0.00062	0.45	0.0077	14	0.54	2.9	0.00026		
206	0.0041	0.0068	0.0003	0.0063	0.0036	0.27	0.015	14	0.33	2.9	0.00099		
207									0.09	0.17			
208									0.17	0.72			
209													
210													
211													
212													
213													
214	390	410	140	1100	22			10	2150	2650		17	180
215	360	330	110	290	20			10	1150	1280		11	120
216	3	2.3	0.4	0.6	0.1			10	7	12			1.1
217													
218													

Entry No	3-OH-BDE 47	6-OH BDE 47	4'-OH BDE 49	4-OH-BDE 90	No cong summed	Sum OH-BDEs	< Sum OH-BDEs	>Sum OH-BDEs	Sum OH PBDEs (nM)	<Sum OH PBDEs (nM)	>Sum OH PBDEs (nM)	BDE Ratio Sum	BDE Ratio >Sum
196	0.001	0.15	0.001	0.001	28	0.25			0.50			20.83	
197	0.001	0.015	0.001	0.001	28	0.02			0.04			2.41	
198	0.001	0.012	0.001	0.001	28	0.014			0.03			1.17	
199		0.025	0.008		18	0.092		0.34	0.18	0.00	0.68	0.16	0.25
200													
201													
202													
203													
204		0.00067			23	0.013	0.0003	0.052	0.03	0.00	0.10	0.11	0.14
205		0.0026			23	0.019	0.0003	0.073	0.04	0.00	0.15	0.04	0.03
206		0.033			23	0.034	0.0066	0.12	0.07	0.01	0.24	0.10	0.04
207													
208													
209													
210													
211													
212													
213													
214	53	22	42		6	330		450	659		899	0.15	0.17
215	33	8.5	34		6	210		298	419		595	0.18	0.23
216			0.3		6	1.5		2.3	3.00		4.59	0.21	0.19
217													
218													

Entry No	Sum PCP	>Sum PCP	Sum PCP nM	>Sum PCP nM	2,4,5 TBP	2,4,6 TBP	Sum TBP	>Sum TBP	Sum TBP nM	Sum 4-OH HpCS	>Sum 4-OH HpCS	Sum 4-OH HpCS nM	>Sum 4-OH HpCS nM	< Sum of HPCs nM	Sum of HPCs nM	> Sum of HPCs nM
196																0.8
197																1.2
198																0.8
199																0.2
200																706.7
201																243.1
202																326.6
203																171.9
204					0.00002	0.084	0.09	0.2	0.0							0.1
205					0.0003	0.13	0.14	0.3	0.0							0.2
206					0.0001	0.36	0.37	1.2	0.1							0.3
207	0.01	0.01	0.04	0.0						0.02	0.03	0.06	0.01	1.3	2.7	2.7
208	0.014	0.06	0.05	0.2						0.31	0.43	0.86	0.12	55.9	117.1	215.9
209																
210																
211																
212																
213																
214					79	5.3	84.3		25.5							
215					86	6	92		27.8							
216					0.3.	3.3	3.3		1.0							
217																
218																