

Survey point's No.	Names of species	Specimen collection site	Gender (M:Male F:Female)	Age (Years of age Jv:Juvenile)	Specimen	Lipid (%)	No.	SPEED'98 No.	object substance-1	object substance-2	data	unit
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	16	-	-	Monobutyltin	<200	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	16	-	-	Monobutyltin	<200	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	16	-	-	Monobutyltin	<200	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	16	-	-	Monobutyltin	<200	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	16	-	-	Monobutyltin	<200	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	16	-	-	Monobutyltin	<200	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	16	-	-	Monobutyltin	<200	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	16	-	-	Monobutyltin	<200	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	16	-	-	Monobutyltin	<500	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	16	-	-	Monobutyltin	<200	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	16	-	-	Monobutyltin	<200	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	16	-	-	Monobutyltin	<200	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	16	-	-	Monobutyltin	<200	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	16	-	-	Monobutyltin	<200	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	16	-	-	Monobutyltin	<200	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	16	-	-	Monobutyltin	<200	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	16	-	-	Monobutyltin	<200	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	16	-	-	Monobutyltin	<200	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	16	-	-	Monobutyltin	<200	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	15	-	-	Dibutyltin	<100	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	15	-	-	Dibutyltin	<100	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	15	-	-	Dibutyltin	<100	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	15	-	-	Dibutyltin	<100	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	15	-	-	Dibutyltin	<100	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	15	-	-	Dibutyltin	<100	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	15	-	-	Dibutyltin	<100	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	15	-	-	Dibutyltin	<100	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	15	-	-	Dibutyltin	<50	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	15	-	-	Dibutyltin	<100	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	15	-	-	Dibutyltin	<100	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	15	-	-	Dibutyltin	<100	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	15	-	-	Dibutyltin	<100	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	15	-	-	Dibutyltin	<100	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	15	-	-	Dibutyltin	<100	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	15	-	-	Dibutyltin	<100	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	15	-	-	Dibutyltin	<100	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	15	-	-	Dibutyltin	<100	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	15	-	-	Dibutyltin	<100	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	14	34	-	Triphenyltin	<20	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	14	34	-	Triphenyltin	<20	ug/kg-wet

3	Ringed seal	Hokkaido	F	21	Fat, liver	91	14	34	-	Triphenyltin	<20	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	14	34	-	Triphenyltin	<20	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	14	34	-	Triphenyltin	<20	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	14	34	-	Triphenyltin	<20	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	14	34	-	Triphenyltin	<20	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	14	34	-	Triphenyltin	<20	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	14	34	-	Triphenyltin	<200	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	14	34	-	Triphenyltin	<20	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	14	34	-	Triphenyltin	<20	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	14	34	-	Triphenyltin	<20	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	14	34	-	Triphenyltin	<20	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	14	34	-	Triphenyltin	<20	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	14	34	-	Triphenyltin	<20	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	14	34	-	Triphenyltin	<20	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	14	34	-	Triphenyltin	<20	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	14	34	-	Triphenyltin	<20	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	14	34	-	Triphenyltin	<20	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	13	33	-	Tributyltin	<20	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	13	33	-	Tributyltin	<20	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	13	33	-	Tributyltin	<20	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	13	33	-	Tributyltin	<20	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	13	33	-	Tributyltin	<20	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	13	33	-	Tributyltin	<20	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	13	33	-	Tributyltin	<20	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	13	33	-	Tributyltin	<20	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	13	33	-	Tributyltin	<50	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	13	33	-	Tributyltin	<20	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	13	33	-	Tributyltin	<20	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	13	33	-	Tributyltin	<20	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	13	33	-	Tributyltin	<20	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	13	33	-	Tributyltin	<20	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	13	33	-	Tributyltin	<20	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	13	33	-	Tributyltin	<20	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	13	33	-	Tributyltin	110	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	13	33	-	Tributyltin	<20	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	13	33	-	Tributyltin	<20	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet

8	Ringed seal	Hokkaido	F	3	Fat, liver	87	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	12	43	-	Benzo(a)pyrene	<5	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	11	26	Heptachlor epoxide	20	ug/kg-wet	
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	11	26	Heptachlor epoxide	20	ug/kg-wet	
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	11	26	Heptachlor epoxide	<10	ug/kg-wet	
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	11	26	Heptachlor epoxide	10	ug/kg-wet	
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	11	26	Heptachlor epoxide	20	ug/kg-wet	
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	11	26	Heptachlor epoxide	20	ug/kg-wet	
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	11	26	Heptachlor epoxide	20	ug/kg-wet	
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	11	26	Heptachlor epoxide	20	ug/kg-wet	
9	Ringed seal	Hokkaido	F	2	Fat	75	11	26	Heptachlor epoxide	20	ug/kg-wet	
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	11	26	Heptachlor epoxide	20	ug/kg-wet	
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	11	26	Heptachlor epoxide	10	ug/kg-wet	
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	11	26	Heptachlor epoxide	<10	ug/kg-wet	
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	11	26	Heptachlor epoxide	10	ug/kg-wet	
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	11	26	Heptachlor epoxide	60	ug/kg-wet	
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	11	26	Heptachlor epoxide	50	ug/kg-wet	
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	11	26	Heptachlor epoxide	70	ug/kg-wet	
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	11	26	Heptachlor epoxide	30	ug/kg-wet	
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	11	26	Heptachlor epoxide	60	ug/kg-wet	
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	11	26	Heptachlor epoxide	60	ug/kg-wet	
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	10	25	-	Heptachlor	<5	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	10	25	-	Heptachlor	<5	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	10	25	-	Heptachlor	<5	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	10	25	-	Heptachlor	<5	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	10	25	-	Heptachlor	<5	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	10	25	-	Heptachlor	<5	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	10	25	-	Heptachlor	<5	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	10	25	-	Heptachlor	<5	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	10	25	-	Heptachlor	<5	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	10	25	-	Heptachlor	<5	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	10	25	-	Heptachlor	<5	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	10	25	-	Heptachlor	<5	ug/kg-wet

13	Spotted seal	Hokkaido	M	3	Fat, liver	74	10	25	-	Heptachlor	<5	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	10	25	-	Heptachlor	<5	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	10	25	-	Heptachlor	<5	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	10	25	-	Heptachlor	<5	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	10	25	-	Heptachlor	<5	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	10	25	-	Heptachlor	<5	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	10	25	-	Heptachlor	<5	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	9	23	-	Dieldrin	<10	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	9	23	-	Dieldrin	<10	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	9	23	-	Dieldrin	<10	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	9	23	-	Dieldrin	<10	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	9	23	-	Dieldrin	<10	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	9	23	-	Dieldrin	<10	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	9	23	-	Dieldrin	10	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	9	23	-	Dieldrin	<10	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	9	23	-	Dieldrin	<10	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	9	23	-	Dieldrin	<10	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	9	23	-	Dieldrin	<10	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	9	23	-	Dieldrin	<10	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	9	23	-	Dieldrin	<10	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	9	23	-	Dieldrin	70	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	9	23	-	Dieldrin	70	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	9	23	-	Dieldrin	90	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	9	23	-	Dieldrin	40	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	9	23	-	Dieldrin	70	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	9	23	-	Dieldrin	70	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	8	19	DDE and DDD	p,p' -DDD	10	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	8	19	DDE and DDD	p,p' -DDD	9	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	8	19	DDE and DDD	p,p' -DDD	<5	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	8	19	DDE and DDD	p,p' -DDD	5	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	8	19	DDE and DDD	p,p' -DDD	8	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	8	19	DDE and DDD	p,p' -DDD	7	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	8	19	DDE and DDD	p,p' -DDD	8	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	8	19	DDE and DDD	p,p' -DDD	7	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	8	19	DDE and DDD	p,p' -DDD	9	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	8	19	DDE and DDD	p,p' -DDD	8	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	8	19	DDE and DDD	p,p' -DDD	7	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	8	19	DDE and DDD	p,p' -DDD	<5	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	8	19	DDE and DDD	p,p' -DDD	<5	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	8	19	DDE and DDD	p,p' -DDD	41	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	8	19	DDE and DDD	p,p' -DDD	35	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	8	19	DDE and DDD	p,p' -DDD	15	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	8	19	DDE and DDD	p,p' -DDD	117	ug/kg-wet

18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	8	19	DDE and DDD	p,p'-DDD	65	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	8	19	DDE and DDD	p,p'-DDD	63	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	8	19	DDE and DDD	o,p'-DDD	<5	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	8	19	DDE and DDD	p,p'-DDE	519	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	8	19	DDE and DDD	p,p'-DDE	311	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	8	19	DDE and DDD	p,p'-DDE	150	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	8	19	DDE and DDD	p,p'-DDE	220	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	8	19	DDE and DDD	p,p'-DDE	420	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	8	19	DDE and DDD	p,p'-DDE	372	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	8	19	DDE and DDD	p,p'-DDE	287	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	8	19	DDE and DDD	p,p'-DDE	210	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	8	19	DDE and DDD	p,p'-DDE	370	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	8	19	DDE and DDD	p,p'-DDE	269	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	8	19	DDE and DDD	p,p'-DDE	328	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	8	19	DDE and DDD	p,p'-DDE	159	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	8	19	DDE and DDD	p,p'-DDE	218	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	8	19	DDE and DDD	p,p'-DDE	1,540	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	8	19	DDE and DDD	p,p'-DDE	1,190	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	8	19	DDE and DDD	p,p'-DDE	447	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	8	19	DDE and DDD	p,p'-DDE	977	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	8	19	DDE and DDD	p,p'-DDE	1,630	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	8	19	DDE and DDD	p,p'-DDE	2,530	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	8	19	DDE and DDD	o,p'-DDE	<5	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	8	19	DDE and DDD	o,p'-DDE	<5	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	8	19	DDE and DDD	o,p'-DDE	<5	ug/kg-wet

4	Ringed seal	Hokkaido	F	5	Fat, liver	89	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	8	19	DDE and DDD	o,p' -DDE	<5	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	7	18	DDT	p,p' -DDT	103	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	7	18	DDT	p,p' -DDT	80	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	7	18	DDT	p,p' -DDT	30	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	7	18	DDT	p,p' -DDT	62	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	7	18	DDT	p,p' -DDT	67	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	7	18	DDT	p,p' -DDT	70	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	7	18	DDT	p,p' -DDT	74	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	7	18	DDT	p,p' -DDT	62	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	7	18	DDT	p,p' -DDT	90	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	7	18	DDT	p,p' -DDT	83	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	7	18	DDT	p,p' -DDT	70	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	7	18	DDT	p,p' -DDT	39	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	7	18	DDT	p,p' -DDT	45	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	7	18	DDT	p,p' -DDT	549	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	7	18	DDT	p,p' -DDT	245	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	7	18	DDT	p,p' -DDT	99	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	7	18	DDT	p,p' -DDT	79	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	7	18	DDT	p,p' -DDT	475	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	7	18	DDT	p,p' -DDT	478	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	7	18	DDT	o,p' -DDT	<5	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	7	18	DDT	o,p' -DDT	6	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	7	18	DDT	o,p' -DDT	<5	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	7	18	DDT	o,p' -DDT	<5	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	7	18	DDT	o,p' -DDT	<5	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	7	18	DDT	o,p' -DDT	<5	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	7	18	DDT	o,p' -DDT	<5	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	7	18	DDT	o,p' -DDT	<5	ug/kg-wet

9	Ringed seal	Hokkaido	F	2	Fat	75	7	18	DDT	o,p'-DDT	<5	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	7	18	DDT	o,p'-DDT	<5	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	7	18	DDT	o,p'-DDT	<5	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	7	18	DDT	o,p'-DDT	<5	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	7	18	DDT	o,p'-DDT	<5	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	7	18	DDT	o,p'-DDT	<5	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	7	18	DDT	o,p'-DDT	<5	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	7	18	DDT	o,p'-DDT	<5	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	7	18	DDT	o,p'-DDT	<5	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	7	18	DDT	o,p'-DDT	<5	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	7	18	DDT	o,p'-DDT	<5	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	6	16	-	cis-Nonachlor	<5	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	6	16	-	cis-Nonachlor	<5	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	6	16	-	cis-Nonachlor	<5	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	6	16	-	cis-Nonachlor	<5	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	6	16	-	cis-Nonachlor	<5	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	6	16	-	cis-Nonachlor	<5	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	6	16	-	cis-Nonachlor	<5	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	6	16	-	cis-Nonachlor	<5	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	6	16	-	cis-Nonachlor	<5	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	6	16	-	cis-Nonachlor	<5	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	6	16	-	cis-Nonachlor	<5	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	6	16	-	cis-Nonachlor	<5	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	6	16	-	cis-Nonachlor	<5	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	6	16	-	cis-Nonachlor	23	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	6	16	-	cis-Nonachlor	14	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	6	16	-	cis-Nonachlor	<5	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	6	16	-	cis-Nonachlor	9	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	6	16	-	cis-Nonachlor	14	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	6	16	-	cis-Nonachlor	17	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	6	16	-	trans-Nonachlor	101	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	6	16	-	trans-Nonachlor	122	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	6	16	-	trans-Nonachlor	57	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	6	16	-	trans-Nonachlor	58	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	6	16	-	trans-Nonachlor	110	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	6	16	-	trans-Nonachlor	140	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	6	16	-	trans-Nonachlor	90	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	6	16	-	trans-Nonachlor	104	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	6	16	-	trans-Nonachlor	192	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	6	16	-	trans-Nonachlor	102	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	6	16	-	trans-Nonachlor	89	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	6	16	-	trans-Nonachlor	77	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	6	16	-	trans-Nonachlor	75	ug/kg-wet

14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	6	16	-	trans-Nonachlor	434	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	6	16	-	trans-Nonachlor	176	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	6	16	-	trans-Nonachlor	76	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	6	16	-	trans-Nonachlor	107	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	6	16	-	trans-Nonachlor	140	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	6	16	-	trans-Nonachlor	161	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	5	15	-	Oxychlordane	83	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	5	15	-	Oxychlordane	79	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	5	15	-	Oxychlordane	45	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	5	15	-	Oxychlordane	46	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	5	15	-	Oxychlordane	95	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	5	15	-	Oxychlordane	87	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	5	15	-	Oxychlordane	72	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	5	15	-	Oxychlordane	56	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	5	15	-	Oxychlordane	91	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	5	15	-	Oxychlordane	72	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	5	15	-	Oxychlordane	67	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	5	15	-	Oxychlordane	40	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	5	15	-	Oxychlordane	59	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	5	15	-	Oxychlordane	300	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	5	15	-	Oxychlordane	130	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	5	15	-	Oxychlordane	113	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	5	15	-	Oxychlordane	105	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	5	15	-	Oxychlordane	305	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	5	15	-	Oxychlordane	210	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet

19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	4	14	Chlordane	trans-Chlordane	<5	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	4	14	Chlordane	cis-Chlordane	7	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	4	14	Chlordane	cis-Chlordane	<5	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	3	12	Hexachlorocyclohexane	HCH total*	41	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	3	12	Hexachlorocyclohexane	HCH total*	54	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	3	12	Hexachlorocyclohexane	HCH total*	33	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	3	12	Hexachlorocyclohexane	HCH total*	15	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	3	12	Hexachlorocyclohexane	HCH total*	44	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	3	12	Hexachlorocyclohexane	HCH total*	39	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	3	12	Hexachlorocyclohexane	HCH total*	98	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	3	12	Hexachlorocyclohexane	HCH total*	42	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	3	12	Hexachlorocyclohexane	HCH total*	67	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	3	12	Hexachlorocyclohexane	HCH total*	57	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	3	12	Hexachlorocyclohexane	HCH total*	16	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	3	12	Hexachlorocyclohexane	HCH total*	19	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	3	12	Hexachlorocyclohexane	HCH total*	38	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	3	12	Hexachlorocyclohexane	HCH total*	390	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	3	12	Hexachlorocyclohexane	HCH total*	310	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	3	12	Hexachlorocyclohexane	HCH total*	320	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	3	12	Hexachlorocyclohexane	HCH total*	330	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	3	12	Hexachlorocyclohexane	HCH total*	600	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	3	12	Hexachlorocyclohexane	HCH total*	630	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	3	12	Hexachlorocyclohexane	-HCH	<10	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	3	12	Hexachlorocyclohexane	-HCH	<10	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	3	12	Hexachlorocyclohexane	-HCH	<10	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	3	12	Hexachlorocyclohexane	-HCH	<10	ug/kg-wet

10	Ringed seal	Hokkaido	F	2	Fat, liver	72	3	12	Hexachlorocyclohexane	-HCH	20	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	3	12	Hexachlorocyclohexane	-HCH	<10	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	3	12	Hexachlorocyclohexane	-HCH	<10	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	3	12	Hexachlorocyclohexane	-HCH	10	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	3	12	Hexachlorocyclohexane	-HCH	300	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	3	12	Hexachlorocyclohexane	-HCH	240	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	3	12	Hexachlorocyclohexane	-HCH	230	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	3	12	Hexachlorocyclohexane	-HCH	260	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	3	12	Hexachlorocyclohexane	-HCH	520	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	3	12	Hexachlorocyclohexane	-HCH	560	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	3	12	Hexachlorocyclohexane	-HCH	31	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	3	12	Hexachlorocyclohexane	-HCH	44	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	3	12	Hexachlorocyclohexane	-HCH	13	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	3	12	Hexachlorocyclohexane	-HCH	15	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	3	12	Hexachlorocyclohexane	-HCH	34	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	3	12	Hexachlorocyclohexane	-HCH	39	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	3	12	Hexachlorocyclohexane	-HCH	38	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	3	12	Hexachlorocyclohexane	-HCH	32	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	3	12	Hexachlorocyclohexane	-HCH	47	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	3	12	Hexachlorocyclohexane	-HCH	37	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	3	12	Hexachlorocyclohexane	-HCH	16	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	3	12	Hexachlorocyclohexane	-HCH	19	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	3	12	Hexachlorocyclohexane	-HCH	28	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	3	12	Hexachlorocyclohexane	-HCH	85	ug/kg-wet
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	3	12	Hexachlorocyclohexane	-HCH	68	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	3	12	Hexachlorocyclohexane	-HCH	91	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	3	12	Hexachlorocyclohexane	-HCH	69	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	3	12	Hexachlorocyclohexane	-HCH	79	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	3	12	Hexachlorocyclohexane	-HCH	68	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	2	4	-	Hexachlorobenzene (HCB)	6	ug/kg-wet
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	2	4	-	Hexachlorobenzene (HCB)	7	ug/kg-wet
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	2	4	-	Hexachlorobenzene (HCB)	<5	ug/kg-wet
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	2	4	-	Hexachlorobenzene (HCB)	<5	ug/kg-wet
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	2	4	-	Hexachlorobenzene (HCB)	<5	ug/kg-wet
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	2	4	-	Hexachlorobenzene (HCB)	6	ug/kg-wet
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	2	4	-	Hexachlorobenzene (HCB)	8	ug/kg-wet
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	2	4	-	Hexachlorobenzene (HCB)	6	ug/kg-wet
9	Ringed seal	Hokkaido	F	2	Fat	75	2	4	-	Hexachlorobenzene (HCB)	7	ug/kg-wet
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	2	4	-	Hexachlorobenzene (HCB)	5	ug/kg-wet
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	2	4	-	Hexachlorobenzene (HCB)	<5	ug/kg-wet
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	2	4	-	Hexachlorobenzene (HCB)	<5	ug/kg-wet
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	2	4	-	Hexachlorobenzene (HCB)	5	ug/kg-wet
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	2	4	-	Hexachlorobenzene (HCB)	15	ug/kg-wet

15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	2	4	-	Hexachlorobenzene (HCB)	17	ug/kg-wet
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	2	4	-	Hexachlorobenzene (HCB)	13	ug/kg-wet
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	2	4	-	Hexachlorobenzene (HCB)	9	ug/kg-wet
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	2	4	-	Hexachlorobenzene (HCB)	17	ug/kg-wet
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	2	4	-	Hexachlorobenzene (HCB)	9	ug/kg-wet
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	1	2	Polychlorinated biphenyls (P CBs PCB total*	430	ug/kg-wet	
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	1	2	Polychlorinated biphenyls (P CBs PCB total*	250	ug/kg-wet	
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	1	2	Polychlorinated biphenyls (P CBs PCB total*	250	ug/kg-wet	
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	1	2	Polychlorinated biphenyls (P CBs PCB total*	190	ug/kg-wet	
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	1	2	Polychlorinated biphenyls (P CBs PCB total*	720	ug/kg-wet	
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	1	2	Polychlorinated biphenyls (P CBs PCB total*	640	ug/kg-wet	
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	1	2	Polychlorinated biphenyls (P CBs PCB total*	300	ug/kg-wet	
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	1	2	Polychlorinated biphenyls (P CBs PCB total*	120	ug/kg-wet	
9	Ringed seal	Hokkaido	F	2	Fat	75	1	2	Polychlorinated biphenyls (P CBs PCB total*	430	ug/kg-wet	
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	1	2	Polychlorinated biphenyls (P CBs PCB total*	290	ug/kg-wet	
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	1	2	Polychlorinated biphenyls (P CBs PCB total*	360	ug/kg-wet	
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	1	2	Polychlorinated biphenyls (P CBs PCB total*	180	ug/kg-wet	
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	1	2	Polychlorinated biphenyls (P CBs PCB total*	210	ug/kg-wet	
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	1	2	Polychlorinated biphenyls (P CBs PCB total*	1,660	ug/kg-wet	
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	1	2	Polychlorinated biphenyls (P CBs PCB total*	750	ug/kg-wet	
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	1	2	Polychlorinated biphenyls (P CBs PCB total*	360	ug/kg-wet	
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	1	2	Polychlorinated biphenyls (P CBs PCB total*	990	ug/kg-wet	
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	1	2	Polychlorinated biphenyls (P CBs PCB total*	680	ug/kg-wet	
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	1	2	Polychlorinated biphenyls (P CBs PCB total*	8,660	ug/kg-wet	
1	Ringed seal	Hokkaido	M	3	Fat, liver	92	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
2	Ringed seal	Hokkaido	M	2	Fat, liver	85	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
3	Ringed seal	Hokkaido	F	21	Fat, liver	91	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
4	Ringed seal	Hokkaido	F	5	Fat, liver	89	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
5	Ringed seal	Hokkaido	F	3	Fat, liver	83	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
6	Ringed seal	Hokkaido	F	3	Fat, liver	88	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
7	Ringed seal	Hokkaido	F	3	Fat, liver	90	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
8	Ringed seal	Hokkaido	F	3	Fat, liver	87	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
9	Ringed seal	Hokkaido	F	2	Fat	75	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
10	Ringed seal	Hokkaido	F	2	Fat, liver	72	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
11	Ringed seal	Hokkaido	F	2	Fat, liver	92	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
12	Ringed seal	Hokkaido	F	Jv	Fat, liver	90	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
13	Spotted seal	Hokkaido	M	3	Fat, liver	74	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
14	Spotted seal	Hokkaido	M	Jv	Fat, liver	89	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
15	Spotted seal	Hokkaido	M	Jv	Fat, liver	83	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
16	Spotted seal	Hokkaido	F	Jv	Fat, liver	88	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
17	Spotted seal	Hokkaido	F	Jv	Fat, liver	84	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
18	Spotted seal	Hokkaido	F	Jv	Fat, liver	81	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	
19	Spotted seal	Hokkaido	F	Jv	Fat, liver	94	1	2	Polychlorinated biphenyls (P CBs Decichloro biphenyl	<50	ug/kg-wet	

