Appendix B

Surveyed Chemical Substances and their Detected Levels in the Environment (A Cumulative List for Fiscal Year 19674-1998)

Surveyed Chemical Substances and their Detected Levels in the Environment
(A Cumulative List for Fiscal Year 1974 - 1998)

A/B: Number of detections / Number of samples; C/D: Number of detected stations / Number of sampling stations;
Unit: Water ng/ml; Sediment ug/g-dry; Fishes ug/g-wet; Air ppb or ng/m3 at 20degreeC 1atm

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
1	acrylamide	79-06-1	1975	0/95		---	(1)													1
			1991	11/153		0.05 - 0.1	(0.05)	20/150		0.00052 - 0.003	(0.0005)	0/147		---	(0.0013)					
			1998	0/33	0/11	---	(0.15)	0/30	0/10	---	(0.009)									
2	ethyl acrylate	140-88-5	1980	0/51		---	(0.3 - 50)	0/51		---	(0.0041 - 0.12)									2
3	2-ethylhexylacrylate	103-11-7	1980	0/51		---	(1.1 - 12)	0/24		---	(0.04 - 0.13)									3
4	butyl acrylate	141-32-2	1980	0/51		---	(0.7 - 30)	0/51		---	(0.0080 - 0.07)									4
5	methyl acrylate	96-33-3	1980	0/51		---	(0.6 - 50)	0/51		---	(0.0083 - 0.12)									5
6	acrylonitrile	107-13-1	1977	0/ 9		---	(20 - 50)	0/ 9		---	(0.4 - 0.5)									6
			1987	0/75		---	(2)	4/66		0.014 - 0.114	(0.007)					A 16/65		42 - 2,400ng/m3	(40)	
			1991													A 15/40		46 - 390ng/m3	(40)	
			1992	0/162		---	(2.2)	8/151		0.007 - 0.016	(0.007)	0/144		---	(0.01)					
7	acrolein	107-02-8	1978	0/21		---	(7 - 10)	0/15		---	(0.02 - 0.1)									7
			1987	0/75		---	(1.9)									A 0/61		--- ng/m3	(800)	
8	adipic acid	124-04-9	1985	0/27		---	(2)	6/27		0.07 - 0.41	(0.03)									8
9	diisodecyl adipate	6938-94-9	1978	0/30		---	(0.8 - 100)	0/30		---	(0.04 - 5)									9
10	octyl adipate	103-23-1	1978	0/30		---	(0.4 - 25)	0/30		---	(0.02 - 1)									10
			1984													A 47/72		0.23 - 16.7ng/m3	(0.1 - 0.61)	
			1995	0/33		---	(0.7)	11/29		0.016 - 0.1	(0.012)					A 31/41		1.0 - 22ng/m3	(1)	
			1998													A 26/33	11/12	1 - 26ng/m3	(1)	
11	dibuthyldiglycol adipate	141-17-3	1978	0/30		---	(0.8 - 50)	0/30		---	(0.04 - 2)									11
12	adiponitrile	111-69-3	1978	0/21		---	(10)	0/21		---	(0.1 - 0.3)									12
13	azinphosmethyl	86-50-0	1993													A 0/24		--- ng/m3	(21)	13
14	acetaldehyde	75-07-0	1977	0/ 6		---	(10)	3/ 6		2 - 4	(2.5)									14
			1987	0/75		---	(1)									A 43/57		930 - 22,000ng/m3	(800)	
			1995	0/33		---	(1)									A 46/47		1,80 - 45,000ng/m3	(500)	

Surveyed Chemical Substances and their Detected Levels in the Environment
(A Cumulative List for Fiscal Year 1974 - 1998)

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
15	acetonitrile	75-05-8	1977	0/9		---	(120 - 200)	0/ 9		---	(2 - 24)									15
			1987	0/72		---	(3)	11/60		0.021 - 0.54	(0.021)					A 44/70		210 - 42,000ng/m3	(200)	
			1991													A 33/51		200 - 3,700ng/m3	(200)	
			1992	15/147		1.1 - 7.4	(1)	25/155		0.03 - 1.9	(0.03)									
16	acetone	67-64-1	1995													A 49/49		150 - 31,000ng/m3	(2)	16
17	acenaphthylene	208-96-8	1983	0/33		---	(0.06 - 0.4)	13/33		0.008 - 0.053	(0.008 - 0.041)									17
			1984	4/138		0.08 - 1.3	(0.002 - 1)	63/138		0.0007 - 0.671	(0.00006 - 0.088)	14/138		0.0008 - 0.024	(0.0002 - 0.05)					
18	acenaphthene	83-32-9	1983	0/33		---	(0.09 - 0.4)	13/33		0.008 - 0.13	(0.008 - 0.041)									18
			1984	3/138		0.05 - 0.1	(0.001 - 1)	58/138		0.00004 - 0.084	(0.00004 - 0.088)	15/138		0.001 - 0.50	(0.0001 - 0.05)					
19	acephate	30560-19-1	1993	0/30		---	(0.2)	0/30		---	(0.02)	0/30		---	(0.01)					19
20	azobisisobutyronitrile	78-67-1	1979	0/15		---	(10)	0/15		---	(0.1)									20
21	o-anisidine	90-04-0	1976	6/68		0.2 - 1.3	(0.2 - 0.8)	27/68		0.003 - 0.079	(0.003 - 0.004)									21
			1990	2/48		0.02 - 0.027	(0.02)	3/41		0.0067 - 0.0073	(0.005)	0/54		---	(0.002)	A 0/51		--- ng/m3	(500)	
22	m-anisidine	536-90-3	1976	3/68		0.016 - 0.028	(0.01 - 0.2)	6/68		0.0004 - 0.018	(0.0002 - 0.0016)									22
			1990	5/48		0.02 - 0.058	(0.02)	0/57		---	(0.02)	1/54		0.0046	(0.002)	A 0/51		--- ng/m3	(500)	
23	p-anisidine	104-94-9	1976	4/68		0.06 - 0.72	(0.06 - 0.2)	12/68		0.001 - 0.006	(0.0007 - 0.004)									23
			1990	0/57		---	(0.4)	0/54		---	(0.017)	0/54		---	(0.02)	A 0/51		--- ng/m3	(1,500)	
24	aniline	62-53-3	1976	40/68		0.02 - 28	(0.04 - 0.2)	48/68		0.0007 - 0.50	(0.0008)									24
			1990	33/104		0.02 - 0.33	(0.02)	81/116		0.003 - 0.24	(0.002)	27/89		0.001 - 0.0077	(0.001)	A 1/48		480ng/m^3	(150)	
			1997													A 1/42		18ng/m^3	(15)	
			1998	1/141	1/47	0.074	(0.06)	95/120	36/43	0.0021 - 0.21	(0.002)									
25	1-aminoanthraquinone	82-45-1	1985	0/27		---	(0.2)	1/21		0.022	(0.02)									25
26	2-aminoanthraquinone	117-79-3	1985	0/27		---	(0.6)	0/18		---	(0.04)									26
27	2-amino-5-chloro-4-methylbenzenesulfonic acid	88-53-9	1980	0/24		---	(10 - 200)	0/24		---	(0.5 - 11)									27
28	3-amino-1,2,4-triazole	61-82-5	1984	0/24		---	(4)	0/24		---	(0.005 - 0.02)									28
29	1-aminonaphthalene-4-sulfonic acid	84-86-6	1985	0/33		---	(0.5)	0/33		---	(0.007)									29
30	2-aminonaphthalene-1-sulfonic acid	81-16-3	1985	0/30		---	(0.5)	0/30		---	(0.007)									30
31	2-aminonaphthalene-5-sulfonic acid	81-05-0	1985	0/33		---	(0.5)	0/33		---	(0.007)									31

Surveyed Chemical Substances and their Detected Levels in the Environment
(A Cumulative List for Fiscal Year 1974 - 1998)

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
32	2-aminonaphthalene-6-sulfonic acid	93-00-5	1985	0/33		---	(0.5)	0/33		---	(0.007)									32
33	2-aminonaphthalene-7-sulfonic acid	494-44-0	1985	0/33		---	(0.5)	0/33		---	(0.007)									33
34	2-aminonaphthalene-8-sulfonic acid	86-06-2	1985	0/33		---	(0.5)	0/33		---	(0.007)									34
35	1-amino-8-naphthol-3,6-disulfonic acid	90-20-0	1980	0/24		---	(4)	0/24		---	(0.04 - 0.1)									35
36	2-amino-5-naphthol-7-sulfonic acid	87-02-5	1980	0/24		---	(4)	0/24		---	(0.04 - 0.1)									36
37	2-aminobiphenyl	90-41-5	1977	0/ 6		---	(0.05)	0/ 3		---	(0.02)									37
38	2-aminopyridine	504-29-0	1983	0/30		---	(0.1 - 0.4)	0/30		---	(0.002 - 0.05)									38
39	3-aminopyridine	462-08-8	1983	0/30		---	(0.1 - 2)	0/30		---	(0.002 - 0.098)									39
40	4-aminopyridine	504-24-5	1983	0/30		---	(0.1 - 3)	0/30		---	(0.005 - 0.12)									40
41	o-aminophenol	95-55-6	1986	0/27		---	(0.1)	0/27		---	(0.02)									41
42	m-aminophenol	591-27-5	1986	1/27		1.1	(0.7)	0/27		---	(0.03)									42
43	p-aminophenol	123-30-8	1986	0/27		---	(0.8)	0/27		---	(0.05)									43
44	3-aminobenzenesulfonic acid	121-47-1	1981	0/ 6		---	(60)	0/ 6		---	(0.5)									44
45	1-amino-2-methylanthraquinone	82-28-0	1986	0/30		---	(0.2)	0/30		---	(0.2)									45
46	1-amino-2-methoxy-5-methylbenzene	120-71-8	1985	0/27		---	(0.6)	0/27		---	(0.03)									46
47	allylamine	107-11-9	1981	0/27		---	(0.7 - 4)	0/27		---	(0.007 - 0.01)									47
48	3-allyloxy-1,2-benzisothiazole-1,1-dioxide	27605-76-1	1992	0/75		---	(0.11)	0/75		---	(0.011)	0/72		---	(0.023)					48
49	tris(2-chloroethyl)phosphite	140-08-9	1984	0/24		---	(3 - 40)	0/24		---	(0.07 - 8.8)									49
50	sodium alkyl benzene sulfonate(straight chain)		1977	9/51		280 - 29,000	(10)	21/51		1.0 - 260	(1)									50
51	sodium alkyl benzene sulfonate(branched chain)		1977	0/51		---	(10)	0/51		---	(1)									51
52	aldrin	309-00-2	1974	0/60		---	(0.1)	0/60		---	(0.01)	0/60		---	(0.005)					52
53	benzoic acid	65-85-0	1985	3/33		5 - 6	(4)	24/33		0.05 - 4.58	(0.04)									53
			1986	31/111		0.2 - 2.1	(0.2)	112/146		0.02 - 2.0	(0.02)	113/137		0.005 - 0.31	(0.005)					
54	anthraquinone	84-65-1	1988	0/75		---	(0.2)	21/53		0.018 - 3.7	(0.018)									54
			1989	0/66		---	(0.18)	20/67		0.015 - 0.16	(0.015)									
55	anthracene	120-12-7	1976	0/20		---	(0.1)	4/20		0.01 - 0.28	(0.01)									55
			1977	0/ 9		---	(0.02 - 3)	6/ 9		0.015 - 1.2	(0.004)									
56	isoxathion	18854-01-8	1993													A 0/54		--- ng/m3	(100)	56

Surveyed Chemical Substances and their Detected Levels in the Environment
(A Cumulative List for Fiscal Year 1974 - 1998)

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
57	isocyanuric acid	108-80-5	1983	0/30		---	(2 - 4)	0/30		---	(0.025 - 0.24)									57
58	isophthalic acid	121-91-5	1983	0/24		---	(1 - 20)	0/24		---	(0.02 - 0.1)									58
59	isophthalonitrile	626-17-5	1977	0/ 6		---	(1 - 5)	0/ 6		---	(0.1 - 1)									59
60	isobutyronitrile	78-82-0	1977	0/ 3		---	(1)	0/ 3		---	(0.2)									60
			1987	0/75		---	(0.7)	0/75		---	(0.006)					A 0/61		--- ng/m3	(200)	
61	isoprene	78-79-5	1978	0/12		---	(1)	0/12		---	(0.001)									61
62	isopropanolamine	78-96-6	1980	0/27		---	(3 - 110)	0/27		---	(0.006 - 0.58)									62
63	isopropylamine	75-31-0	1980	0/27		---	(0.5 - 33)	0/27		---	(0.001 - 0.18)									63
			1981	0/27		---	(0.6 - 4)	0/27		---	(0.006 - 0.01)									
64	2-isopropylnaphthalene	2027-17-0	1984	0/18		---	(0.006 - 0.2)	1/18		0.021	(0.0004 - 0.012)									64
			1985	0/141		---	(0.2)	1/141		0.032	(0.03)	3/120		0.002	(0.002)					
65	isopropylbenzene	98-82-8	1977	0/ 3		---	(2)	0/ 3		---	(0.004)									65
			1985	0/27		---	(0.04)	1/27		0.0006	(0.0006)									
			1986	8/135		0.09 - 0.44	(0.03)	6/111		0.00058 - 0.011	(0.0005)	12/138		0.0005 - 0.0014	(0.0005)					
66	3-(1-methylethyl)-1H-2,1,3-benzothiadiazin-4(3H)-one 2,2-dioxide	25057-89-0	1992	1/75		6.7	(2)	0/75		---	(0.2)	0/72		---	(0.15)					66
67	EPN	2104-64-5	1986	0/39		---	(0.3)	0/39		---	(0.03)									67
			1993													A 0/54		--- ng/m3	(50)	
68	iprobenfos	26087-47-8	1993	13/165		0.1 - 1.6	(0.094)	2/168		0.038 - 0.039	(0.037)	4/153		0.017 - 0.048	(0.016)	A 0/24		--- ng/m3	(3)	68
69	anionic surfactants		1974	26/60		0.16	(0.05)													69
70	1,2-ethanediol	107-21-1	1977	0/ 6		---	(100 - 400)	0/ 6		---	(1 - 2.0)									70
			1986	2/24		1.3 - 2.0	(0.8)	0/24		---	(0.06)									
71	N-ethylaniline	103-69-5	1976	2/68		0.43 - 0.58	(0.1 - 0.6)	20/68		0.002 - 0.038	(0.002 - 0.008)									71
			1990	0/54		---	(0.05)	0/63		---	(0.05)	0/54		---	(0.0043)	A 1/36		160ng/m^3	(130)	
72	ethylamine	75-04-7	1981	0/27		---	(0.8 - 2)	0/27		---	(0.005 - 0.01)									72
73	2-ethylanthraquinone	84-51-5	1985	0/33		---	(0.3)	0/33		---	(0.05)									73
74	ethylthiometon	298-04-4	1993													A 0/27		--- ng/m3	(2)	74
75	ethylbiphenyl	40529-66-6	1976	0/68		---	(0.6 - 20)	0/50		---	(0.16 - 20)	0/20		---	(0.12 - 0.5)					75
76	o-ethylphenol	90-00-6	1983	0/33		---	(0.04 - 0.2)	0/33		---	(0.001 - 0.02)									76
77	m-ethylphenol	620-17-7	1983	0/33		---	(0.06 - 0.3)	0/33		---	(0.001 - 0.02)									77
78	p-ethylphenol	123-07-9	1983	0/33		---	(0.06 - 0.3)	0/33		---	(0.001 - 0.02)									78
79	2-ethylhexanol	104-76-7	1979	0/30		---	(0.002 - 200)	0/30		---	(0.00003 - 2)									79
			1995	0/33		---	(6)	0/33		---	(0.61)									

Surveyed Chemical Substances and their Detected Levels in the Environment
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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
80	S-ethyl perhydroazepine-1-thiocarboxylate	2212-67-1	1992	1/42		0.077	(0.02)	1/42		0.0037	(0.002)	0/42		---	(0.006)	A 0/49		--- ng/m3	(10)	80
81	ethylbenzene	100-41-4	1977	0/ 3		---	(2)	0/ 3		---	(0.004)									81
			1985	0/21		---	(0.02)	3/21		0.0009 - 0.0027	(0.0008)									
			1986	7/133		0.03 - 1.1	(0.03)	28/120		0.0005 - 0.028	(0.0005)	43/138		0.001 - 0.0098	(0.001)					
82	N-ethylmorpholine	100-74-3	1979	0/33		---	(1 - 30)	0/33		---	(0.01 - 0.7)									82
83	ethylene	74-85-1	1977	1/ 6		0.1	(0.05 - 5)	3/ 6		0.0002 - 0.0006	(0.005)									83
84	ethylene oxide	75-21-8	1980	0/36		---	(0.2 - 5)	0/12		---	(0.001 - 0.003)									84
			1996													A 42/51		30 - 300ng/m3	(25)	
85	ethylene chlorohydrin	107-07-3	1980	0/24		---	(0.3 - 5)	0/24		---	(0.02 - 0.20)									85
86	ethylenediaminetetra acetic acid	60-00-4	1979	0/18		---	(10 - 20)	5/24		2.3 - 13	(0.2 - 2.0)									86
			1994	4/21		17.3 - 27	(6.2)	0/21		---	(0.14)	0/18		---	(0.33)					
87	edifenphos	17109-49-8	1993	0/51		---	(0.64)	0/51		---	(0.1)									87
88	4-ethoxyaniline	156-43-4	1977	0/ 6		---	(1 - 5)	0/ 6		---	(0.5 - 1.0)									88
			1985	0/33		---	(0.05)	0/33		---	(0.005)									
			1998	1/39	1/13	0.36	(0.3)	0/39	0/13	---	(0.02)									
89	2-ethoxyethanol	110-80-5	1976	0/60		---	(90 - 100)	0/20		---	(0.4)									89
90	6-ethoxy-1,2-dihydro-2,2,4-trimethylquinoline	91-53-2	1980	0/42		---	(1 - 10)	0/42		---	(0.1 - 1.4)									90
91	1,2-epoxy-3-phenoxypropane	122-60-1	1984	0/24		---	(0.1 - 0.6)	0/24		---	(0.006 - 0.02)									91
92	2,3-epoxy-1-propanol	556-52-5	1983	0/30		---	(2 - 5)	0/30		---	(0.01 - 0.05)									92
93	allyl chloride	107-05-1	1977	0/ 6		---	(5)													93
94	alkyl-benzyl-dimethylammonium chloride *	8001-54-5 68391-01-5	1982	0/24		---	(3)	9/24		0.8 - 10.5	(0.1)									94
			1983	0/126		---	(1 - 3)	30/126		0.1 - 5.2	(0.1 - 0.6)	0/123		---	(0.1 - 1)					
*Total of compounds with alkyl chains having 12,14 or 16 carbons																				
95	ethyl chloride	75-00-3	1977	0/ 3		---	(0.04)	0/ 3		---	(0.0002)									95
			1979													A 8/46		0.043 - 20ppb	(0.006 - 3)	
			1980													A 7/117		0.068 - 0.6ppb	(0.045 - 3)	
			1983													A 56/102		0.012 - 0.776ppb	(0.011 - 0.03)	

Surveyed Chemical Substances and their Detected Levels in the Environment
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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
96	vinyl chloride	75-01-4	1975	5/100		0.1	(0.05 - 40)													96
			1979													A 7/45		0.022 - 4.0ppb	(0.002 - 2)	
			1980													A 10/117		0.020 - 1.35ppb	(0.02 - 2)	
			1997	12/129		0.014 - 0.25	(0.011)	5/120		0.038 - 0.005	(0.0035)					A 40/53		18 - 2000ng/m3	(15)	
			1998													A 31/36	12/13	16 - 1300ng/m3	(14)	
97	benzyl chloride	100-44-7	1976	0/60		---	(30 - 100)	0/53		---	(0.4 - 1.0)	0/ 2		---	(1.0)					97
			1989	0/63		---	(0.2)	0/66		---	(0.01)					A 5/21		6.4 - 8.3ng/m3	(5)	
98	methyl chloride	74-87-3	1979													A 30/45		0.28 - 2.2ppb	(0.02 - 1)	98
			1980													A 61/99		0.048 - 3.0ppb	(0.014 - 1)	
			1983													A 98/101		0.077 - 4.1ppb	(0.005 - 0.054)	
99	chlorinated paraffins	63449-39-8	1979	0/51		---	(10)	24/51		0.6 - 10	(0.5)									99
			1980	0/120		---	(10)	31/120		0.5 - 8.5	(0.5)	0/108		---	(0.5)					
100	endosulfan sulfate	1031-07-8	1983	0/36		---	(0.03 - 0.4)	0/36		---	(0.003 - 0.054)									100
101	endrin	72-20-8	1974	0/60		---	(0.1)	0/60		---	(0.01)	0/60		---	(0.005)					101
102	oxychlordane	26880-48-8	1982	0/126		---	(0.005)	3/126		0.0002 - 0.0003	(0.0002 - 0.001)	47/123		0.001 - 0.009	(0.001)					102
			1986													A 0/73		--- ng/m3	(1.5)	
103	octanol	111-87-5, 29063-28-3	1979	0/27		---	(5 - 50)	0/27		---	(0.3 - 1)									103
104	2-octanol	123-96-6	1995	0/33		---	(2)	0/33		---	(0.2)					A 10/18		4.2 - 130ng/m3	(4)	104
105	octabromodiphenyl ether	32536-52-0	1987	0/75		---	(0.1)	3/51		0.008 - 0.021	(0.007)	0/75		---	(0.005)					105
			1988	0/147		---	(0.07)	3/135		0.015 - 0.022	(0.005)	0/144		---	(0.004)					
106	n-octylamine	111-86-4	1988	0/75		---	(0.1)	0/75		---	(0.022)									106
107	octyltin compounds		1984	0/21		---	(0.5 - 6)	0/21		---	(0.01 - 0.84)									107
108	p-octylphenol	1806-26-4	1977	0/ 6		---	(0.04 - 1.5)	2/ 6		0.004	(0.004 - 0.058)									108
109	auramine	2465-27-2	1986	0/30		---	(2)	0/30		---	(0.7)									109
110	epsilon-caprolactam	105-60-2	1977	0/ 6		---	(1 - 5)	1/ 6		1.6	(0.5 - 1)									110
			1991	0/30		---	(0.2)	0/30		---	(0.027)	1/30		0.014	(0.01)	A 7/51		120 - 330ng/m3	(100)	
111	carbazole	86-74-8	1976	0/20		---	(0.2)	0/20		---	(0.02)									111
			1994													A 0/30		--- ng/m3	(50)	
112	p-carboxy-beta-(5-nitro-2-furyl)styrene, sodium salt	54992-23-3	1983	0/30		---	(0.1 - 0.5)	0/30		---	(0.001 - 0.054)									112

Surveyed Chemical Substances and their Detected Levels in the Environment
(A Cumulative List for Fiscal Year 1974 - 1998)

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
113	ethyl formate	109-94-4	1981	0/ 9		---	(60)	0/ 9		---	(0.5)									113
114	i-butyl formate	542-55-2	1981	0/ 9		---	(45)	0/ 9		---	(0.45)									114
115	n-butyl formate	592-84-7	1981	0/ 9		---	(60)	0/ 9		---	(0.6)									115
116	methyl formate	107-31-3	1981	0/ 9		---	(35)	0/ 9		---	(0.25)									116
117	o-xylene	95-47-6	1977	0/ 3		---	(2)	0/ 3		---	(0.004)									117
			1985	1/21		0.021	(0.02)	1/21		0.0011	(0.0006)									
			1986	12/137		0.04 - 1.2	(0.03)	24/111		0.0005 - 0.007	(0.0005)	41/137		0.0008 - 0.005	(0.0008)					
			1998													A 42/42	14/14	330 - 9500ng/m3	(60)	
	m-xylene, p-xylene	108-38-3 106-42-3	1998													A 42/42	14/14	550 - 35000ng/m3	(100)	
118	m-xylene	108-38-3	1977	0/ 3		---	(2)	0/ 3		---	(0.004)									118
			1985	1/21		0.042	(0.02)	1/21		0.002	(0.001)									
			1986	15/126		0.04 - 1.2	(0.03)	33/118		0.0005 - 0.0150	(0.0005)	45/124		0.00086 - 0.0092	(0.0008)					
119	p-xylene	106-42-3	1977	0/ 3		---	(2)	0/ 3		---	(0.004)									119
			1985	1/21		0.037	(0.02)	0/21		---	(0.002)									
			1986	4/122		0.06 - 0.48	(0.03)	12/105		0.0005 - 0.0038	(0.0005)	28/127		0.0008 - 0.003	(0.0008)					
120	quinoline	91-22-5	1984	2/24		0.006	(0.005 - 3.9)	3/24		0.00005 - 0.00008	(0.00005 - 0.17)									120
			1991	0/36		---	((0.1)	2/39		0.006	(0.0051)	0/39		---	(0.003)					
121	glyoxal	107-22-2	1980	20/33		1 - 6	(1 - 2)	29/33		0.06 - 2.8	(0.005 - 0.06)									121
122	glyphosate	1071-83-6	1993	0/33		---	(0.2)	0/30		---	(0.009)	0/30		---	(0.4)					122
123	o-cresol	95-48-7	1977	0/ 9		---	(0.2 - 10)	0/ 9		---	(0.02 - 0.1)									123
124	m-cresol	108-39-4	1977	0/ 9		---	(0.2 - 10)	0/ 9		---	(0.02 - 0.1)									124
125	p-cresol	106-44-5	1977	0/ 9		---	(0.2 - 10)	3/ 9		0.02 - 0.03	(0.02 - 0.1)									125
			1996	1/33		0.67	(0.4)	9/27		0.028 - 1.23	(0.028)									
126	crotonaldehyde	4170-30-3	1987	0/75		---	(0.8)									A 0/61		--- ng/m3	(800)	126
			1995	0/33		---	(2)									A 3/54		--- ng/m3	(3600 - 5,200)	
			1997													A 1/42		1600ng/m^3	(1000)	
			1998													A 21/29	8/10	15 - 330ng/m3	(15)	
127	gamma-chlordene	3734-48-3	1982	0/126		---	(0.005)	27/126		0.0002 - 0.0040	(0.0002 - 0.001)	37/113		0.001 - 0.021	(0.001)					127
			1986													A 9/73		0.5 - 1.8ng/m3	(0.5)	
128	cis-chlordane	57-74-9	1982	0/126		---	(0.005)	76/126		0.0002 - 0.051	(0.0002 - 0.001)	97/123		0.001 - 0.053	(0.001)					128
			1986													A 18/73		0.43 - 5.0ng/m3	(0.4)	
129	trans-chlordane	57-74-9	1982	0/126		---	(0.005)	86/126		0.0002 - 0.075	(0.0002 - 0.001)	90/123		0.001 - 0.069	(0.001)					129
			1986													A 33/73		0.40 - 8.5ng/m3	(0.4)	

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(A Cumulative List for Fiscal Year 1974 - 1998)

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
130	chloroacetaldehyde	107-20-0	1980	0/33		---	(1.5 - 15)	0/33		---	(0.03 - 0.3)									130
131	chloroacetone	78-95-5	1986	0/30		---	(2)	0/30		---	(0.06)									131
132	o-chloroaniline	95-51-2	1976	12/120		0.028 - 0.35	(0.02 - 100)	29/113		0.0007 - 0.098	(0.0003 - 1.0)	0/ 2		---	(1.0)					132
			1990	7/78		0.02 - 0.56	(0.02)	25/64		0.0032 - 0.028	(0.003)	2/72		0.0012 - 0.0025	(0.001)	A 0/51		--- ng/m3	(150)	
			1998	0/144	0/48	---	(0.09)	17/133	7/45	0.0051 - 0.056	(0.005)									
133	m-chloroaniline	108-42-9	1976	10/128		0.013 - 0.34	(0.04 - 100)	34/121		0.0003 - 0.067	(0.0001 - 1.2)	0/ 2		---	(1.0)					133
			1990	3/45		0.029 - 0.06	(0.02)	24/43		0.003 - 0.043	(0.003)	0/51		---	(0.002)	A 0/51		--- ng/m3	(150)	
			1998	0/153	0/51	---	(0.11)	11/130	5/44	0.0046 - 0.022	(0.0045)									
134	p-chloroaniline	106-47-8	1976	9/128		0.024 - 0.39	(0.02 - 100)	39/121		0.001 - 0.27	(0.0005 - 1.2)	0/ 2		---	(1.0)					134
			1990	0/54		---	(0.05)	15/42		0.0089 - 0.05	(0.008)	0/57		---	(0.005)	A 0/51		--- ng/m3	(250)	
			1998	0/135	0/45	---	(0.07)	24/135	9/45	0.0053 - 0.02	(0.005)									
135	o-chlorobenzoic acid	118-91-2	1985	0/33		---	(3)	0/33		---	(0.02)									135
136	1-chloroanthraquinone	82-44-0	1985	0/33		---	(1)	0/27		---	(0.05)									136
137	2-chloroanthraquinone	131-09-9	1985	0/33		---	(1)	0/27		---	(0.05)									137
138	2-chloro-4-ethylamino-6-isopropylamino-sym-triazine	1912-24-9	1991	0/57		---	(0.13)	0/51		---	(0.027)									138
139	2-chloroethyl vinyl ether	110-75-8	1984	0/24		---	(0.04 - 0.2)	0/24		---	(0.005 - 0.006)									139
140	3-chloro-1,2-epoxypropane	106-89-8	1977	0/ 3		---	(10)	0/ 3		---	(0.06)									140
			1986	0/27		---	(0.5)	0/27		---	(0.02)									
141	chlorocyclohexane	542-18-7	1977	0/ 6		---	(0.02 - 10)	0/ 6		---	(0.0001 - 2)									141
142	1-chloro-2,4-dinitrobenzene	97-00-7	1978	0/24		---	(0.2 - 0.5)	0/15		---	(0.007 - 0.0167)									142
143	3-chloro-1,2-dibromopropane	96-12-8	1982	0/27		---	(2 - 12)	0/27		---	(0.012 - 0.05)									143
			1989	0/66		---	(0.2)	0/57		---	(0.007)					A 0/36		--- ng/m3	(20)	
144	chlorodibromomethane	124-48-1	1980													A 9/63		0.0001 - 0.001ppb	(0.0001 - 0.05)	144
			1981	12/24		0.01 - 3.4	(0.01)	9/24		0.0013 - 0.0068	(0.00006)									
			1983													A 82/108		0.00008 - 0.0035ppb	(0.00003 - 0.0005)	
145	o-chlorostyrene	2039-87-4	1981	0/27		---	(10)	0/27		---	(0.2)									145
146	m-chlorostyrene	2039-85-2	1981	0/27		---	(25)	0/27		---	(0.5)									146
147	p-chlorostyrene	1073-67-2	1981	0/27		---	(5)	0/27		---	(0.1)									147
148	3-chlorotriclosan	63709-57-9	1995	0/33		---	(0.04)	3/33		0.009	(0.005)	0/33		---	(0.003)					148
149	5-chlorotriclosan	3380-44-7	1995	0/33		---	(0.06)	3/33		0.01	(0.005)	0/33		---	(0.003)					149

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
150	o-chlorotoluene	95-49-8	1979	0/18		---	(0.006 - 1)	0/18		---	(0.00012 - 0.02)									150
			1989	0/66		---	(0.3)	0/66		---	(0.011)					A 2/21		13.4 - 15ng/m3	(10)	
151	p-chlorotoluene	106-43-4	1979	0/18		---	(0.006 - 1)	0/18		---	(0.00012 - 0.02)									151
			1989	0/66		---	(0.5)	0/66		---	(0.011)					A 0/24		--- ng/m3	(30)	
152	1-chloronaphthalene	90-13-1	1977	0/ 6		---	(0.3 - 3)	0/ 6		---	(0.012 - 0.3)									152
			1986	0/33		---	(0.05)	0/30		---	(0.003)									
153	2-chloronaphthalene	91-58-7	1977	0/ 6		---	(0.3 - 3)	0/ 6		---	(0.012 - 0.3)									153
			1986	0/33		---	(0.05)	0/30		---	(0.003)									
154	4-chloro-2-nitroaniline	89-63-4	1978	0/24		---	(0.1 - 0.88)	0/15		---	(0.02 - 0.0292)									154
155	4-chloro-3-nitro-alpha,alpha,alpha-trifluorotoluene	121-17-5	1981	0/24		---	(0.2 - 1)	0/24		---	(0.002 - 0.01)									155
156	o-chloronitrobenzene	88-73-3	1975	0/95		---	(0.1)													156
			1991	0/156		---	(0.3)	0/162		---	(0.023)	0/138		---	(0.0075)	A 3/54		14 - 45ng/m3	(7)	
157	m-chloronitrobenzene	121-73-3	1975	0/95		---	(0.1)													157
			1994	0/27		---	(0.05)	0/27		---	(0.015)	0/27		---	(0.003)	A 0/27		--- ng/m3	(5)	
158	p-chloronitrobenzene	100-00-5	1978	0/24		---	(0.05 - 0.075)	0/15		---	(0.002 - 0.0025)									158
			1991	0/156		---	(0.3)	0/162		---	(0.04)	0/138		---	(0.0075)	A 5/54		3.6 - 110ng/m3	(3)	
159	2-chloro-5-nitrobenzenesulfonic acid	96-73-1	1979	0/30		---	(2 - 20)	0/30		---	(0.05 - 0.4)									159
160	chloropicrin	76-06-2	1979	0/24		---	(0.005 - 0.1)	0/24		---	(0.00025 - 0.005)									160
			1994	0/45		---	(0.2)									A 0/51		--- ng/m3	(5000)	
161	2-chloro-4,6-bis(ethylamino)-sym-triazine	122-34-9	1980	0/18		---	(2)	0/18		---	(0.1)									161
			1991	0/57		---	(0.2)	0/54		---	(0.048)									
162	2-chloropyridine	109-09-1	1980	0/21		---	(2 - 20)	0/21		---	(0.01 - 0.2)									162
163	o-chlorophenol	95-57-8	1978	0/24		---	(0.2 - 40)	0/24		---	(0.1 - 4)									163
			1996	0/33		---	(0.05)	0/33		---	(0.009)									
164	m-chlorophenol	108-43-0	1978	0/24		---	(2 - 40)	0/24		---	(0.05 - 4)									164
			1996	0/33		---	(0.05)	0/33		---	(0.0095)									
165	p-chlorophenol	106-48-9	1978	0/24		---	(2 - 40)	0/24		---	(0.05 - 4)									165
			1996	0/33		---	(0.05)	0/33		---	(0.009)									
166	1-chlorobutane	109-69-3	1997	0/36		---	(0.01)	0/36		---	(0.028)					A 2/57		210 - 290ng/m3	(200)	166
			1998													A 19/37	9/13	38 - 1400ng/m3	(37)	

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
167	chloroprene	126-99-8	1977	0/ 6		---	(2)													167
168	1-chloropropane	540-54-5	1981	0/27		---	(0.2 - 8)	0/27		---	(0.001 - 0.004)									168
169	2-chloropropane	75-29-6	1981	0/27		---	(0.2 - 8)	0/27		---	(0.001 - 0.004)									169
170	S-4-chlorobenzyl-N,N-diethylthiocarbamate	28249-77-6	1992	0/165		---	(0.2)	3/165		0.062 - 0.1	(0.044)	0/150		---	(0.014)	A 1/46		8.4ng/m^3	(3)	170
171	o-chlorobenzaldehyde	89-98-5	1984	0/27		---	(0.2 - 1)	0/27		---	(0.003 - 0.023)									171
172	m-chlorobenzaldehyde	587-04-2	1984	0/27		---	(0.4 - 1)	0/27		---	(0.01 - 0.03)									172
173	p-chlorobenzaldehyde	104-88-1	1984	0/27		---	(0.2 - 1)	0/27		---	(0.005 - 0.03)									173
174	chlorobenzene	108-90-7	1976	0/68		---	(40 - 200)	0/61		---	(0.4 - 4)	0/ 2		---	(1.0)					174
			1983													A 91/91		0.001 - 0.022ppb	(0.001)	
			1997	0/36		---	(0.3)	0/36		---	(0.019)									
			1998													A 24/32	10/11	20 - 160ng/m3	(20)	
175	chloropentabromocyclohexane	87-84-3	1985	0/27		---	(0.03)	0/27		---	(0.004)									175
176	2-chloro-6-methylaniline	87-63-8	1981	0/18		---	(0.015 - 7.5)	0/18		---	(0.0005 - 0.5)									176
177	3-chloro-4-methylaniline	95-74-9	1981	0/18		---	(0.03 - 15)	0/18		---	(0.0001 - 1.0)									177
178	4-chloro-2-methylaniline	95-69-2	1981	0/18		---	(0.03 - 15)	0/18		---	(0.0001 - 1.0)									178
179	2-chloro-5-methylphenol	615-74-7	1984	0/24		---	(0.025 - 0.1)	0/24		---	(0.0015 - 0.003)									179
180	2-chloro-6-methylphenol	87-64-9	1984	0/24		---	(0.015 - 0.09)	0/24		---	(0.001 - 0.002)									180
181	4-chloro-2-methylphenol	1570-64-5	1984	0/24		---	(0.020 - 0.09)	0/24		---	(0.001 - 0.002)									181
182	4-chloro-3-methylphenol	59-50-7	1984	0/24		---	(0.025 - 0.1)	0/24		---	(0.0015 - 0.003)									182
183	1-chloro-2-methylpropene	513-37-1	1980	0/36		---	(1 - 20)	0/36		---	(0.0001 - 0.1)									183
184	3-chloro-2-methylpropene	563-47-3	1980	0/30		---	(1 - 20)	0/30		---	(0.0001 - 0.1)									184
185	ethyl acetate	141-78-6	1995													A 18/18		99 - 11,800ng/m3	(2)	185
186	2-ethoxyethyl acetate	111-15-9	1986	0/30		---	(0.5)	0/30		---	(0.09)									186
			1995	0/33		---	(0.05)	0/33		---	(0.0036)									
187	vinyl acetate	108-05-4	1995	0/33		---	(5)									A 4/18		55 - 5,000ng/m3	(50)	187
188	butyl acetate	123-86-4	1995	0/33		---	(0.2)									A 18/18		8.1 - 2,100ng/m3	(2)	188
189	2-methoxyethyl acetate	110-49-6	1986	0/30		---	(0.7)	0/30		---	(0.2)									189

Surveyed Chemical Substances and their Detected Levels in the Environment
(A Cumulative List for Fiscal Year 1974 - 1998)

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
190	methoxybutyl acetate	4435-53-4	1980	0/27		---	(2.5 - 10)	0/27		---	(0.025 - 0.8)									190
			1995	0/33		---	(0.2)													
191	salithion	3811-48-2	1993													A 0/27		--- ng/m3	(2)	191
192	o-dianisidine	119-90-4	1977	0/ 6		---	(0.05)	0/ 3		---	(0.003)									192
193	2-cyanopyridine	100-70-9	1984	0/24		---	(1 - 4)	0/24		---	(0.06 - 0.2)									193
194	3-cyanopyridine	100-54-9	1984	0/24		---	(1 - 4)	0/24		---	(0.05 - 0.2)									194
195	4-cyanopyridine	100-48-1	1984	0/24		---	(0.9 - 4)	0/24		---	(0.04 - 0.2)									195
196	1,4-diaminoanthraquinone	128-95-0	1986	0/30		---	(0.3)	0/30		---	(0.2)									196
197	1,2-diaminoethane	107-15-3	1987	0/87		---	(0.4)	1/84		0.087	(0.078)									197
198	4,4'-methylenebisbenzeneamine	101-77-9	1985	0/30		---	(5)	0/24		---	(1)									198
199	1,2-diaminopropane	78-90-0	1987	0/87		---	(0.6)	0/87		---	(0.100)									199
200	1,3-diaminopropane	109-76-2	1987	0/87		---	(0.4)	0/87		---	(0.19)									200
201	1,6-diaminohexane	124-09-4	1987	0/87		---	(2)	0/87		---	(0.46)									201
202	diallylamine	124-02-7	1981	0/27		---	(0.8 - 2)	0/27		---	(0.005 - 0.01)									202
203	diisobutylene	107-40-4	1978	0/12		---	(0.16 - 0.3)	0/12		---	(0.00031 - 0.00078)									203
204	diisopropylidene acetone	504-20-1	1981	0/36		---	(0.02 - 10)	0/36		---	(0.0008 - 0.2)									204
205	diisopropylamine	108-18-9	1981	0/27		---	(2)	0/27		---	(0.005 - 0.02)									205
206	diisopropyl-1,3-dithiolan-2-ylidenemalonate	50512-35-1	1992	26/78		0.05 - 0.27	(0.045)	8/78		0.011 - 0.034	(0.01)	6/75		0.0094 - 0.15	(0.0064)	A 0/52		--- ng/m3	(15)	206
207	diisopropylnaphthalene	38640-62-9	1975	0/100		---	(0.17 - 0.5)	9/100		0.061 - 0.19	(0.03 - 0.25)	2/94		0.028 - 0.048	(0.025 - 0.25)					207
			1977	0/117		---	(0.01 - 10)	6/117		0.0019 - 0.1	(0.0011 - 0.6)	7/93		0.00052 - 0.0017	(0.0002 - 0.5)					
			1980	0/120		---	(0.01 - 20)	3/120		0.049 - 0.064	(0.01 - 1.0)	3/108		0.006 - 0.025	(0.002 - 2.5)					
208	m-diisopropylbenzene	99-62-7	1977	0/ 3		---	(4)	0/ 3		---	(0.01)									208
209	p-diisopropylbenzene	100-18-5	1977	0/ 3		---	(4)	0/ 3		---	(0.01)									209
210	diethanolamine	111-42-2	1978	0/12		---	(0.3 - 3.4)													210
211	N,N-diethylaniline	91-66-7	1977	0/ 6		---	(1 - 5)	0/ 6		---	(0.25 - 1)									211
212	diethylamine	109-89-7	1981	0/27		---	(0.6 - 4)	0/27		---	(0.006 - 0.01)									212
213	diethylbiphenyl	28575-17-9	1976	0/68		---	(0.8 - 20)	0/50		---	(0.2 - 2.0)	0/20		---	(0.16 - 0.5)					213

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(A Cumulative List for Fiscal Year 1974 - 1998)

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
214	tetrachlorocarbon	56-23-5	1974	0/60		---	(0.02 - 0.5)									R 2/18		0.0102 - 0.0105ppm	(0.00002 - 0.0005)	214
			1975	105/355		0.02 - 1.3	(0.01 - 0.3)									R 17/108		0.000022 - 0.0036ppm	(0.00002 - 0.0003)	
			1979													A 42/45		0.04 - 0.79ppb	(0.006 - 3)	
			1980													A 122/131		0.022 - 0.76ppb	(0.001 - 0.03)	
			1983													A 108/108		0.019 - 0.95ppb	(0.0025 - 0.030)	
215	dioxane	123-91-1	1976	0/60		---	(100)	0/20		---	(0.4)									215
216	dioctyltin compounds		1984	0/21		---	(0.5 - 1)	0/21		---	(0.03 - 0.14)									216
217	cyclohexanone	108-94-1	1980	0/24		---	(4 - 50)	0/24		---	(0.2 - 1.0)									217
218	cyclohexane	110-82-7	1979	0/27		---	(0.05 - 0.2)	0/27		---	(0.0001 - 0.0004)									218
219	cyclohexylamine	108-91-8	1982	8/15		0.06 - 0.18	(0.06 - 0.5)	6/15		0.005 - 0.020	(0.004 - 0.005)									219
			1983	2/126		0.9 - 1.1	(0.3 - 2)	3/126		0.032 - 0.041	(0.01 - 0.08)	3/123		0.090 - 0.11	(0.015 - 0.1)					
220	N-cyclohexyl-2-benzothiazolesulfenamide	95-33-0	1977	0/12		---	(0.02 - 0.08)	0/12		---	(0.0023 - 0.02)									220
			1998	0/36	0/12	---	(0.21)	0/39	0/13	---	(0.01)									
221	cyclopentadiene	542-92-7	1980	3/24		0.4 - 0.8	(0.1 - 0.2)	0/24		---	(0.0004 - 0.0022)									221
222	cyclopentane	287-92-3	1980	7/24		0.1 - 0.8	(0.1 - 0.2)	3/24		0.0007 - 0.003	(0.0004 - 0.0024)									222
223	2,3-dichloroaniline	608-27-5	1984	0/18		---	(0.01 - 0.1)	0/18		---	(0.0001 - 0.012)									223
224	2,4-dichloroaniline	554-00-7	1976	7/68		0.032 - 0.53	(0.02 - 0.3)	12/68		0.0005 - 0.034	(0.0005 - 0.001)									224
			1998	0/39	0/13	---	(0.07)	0/36	0/12	---	(0.008)									
225	2,5-dichloroaniline	95-82-9	1984	0/18		---	(0.05 - 0.1)	1/18		0.0006	(0.0006 - 0.012)									225
			1998	0/39	0/13	---	(0.07)	1/36	1/12	0.01	(0.005)									
226	2,6-dichloroaniline	608-31-1	1984	0/18		---	(0.1 - 1)	0/18		---	(0.0098 - 0.012)									226
227	3,4-dichloroaniline	95-76-1	1976	4/68		0.24 - 0.42	(0.04 - 0.3)	31/68		0.0045 - 0.11	(0.0008 - 0.003)									227
			1984	0/18		---	(0.03 - 0.1)	1/18		0.0016	(0.0003 - 0.012)									
			1998	0/39	0/13	---	(0.09)	4/39	2/13	0.012 - 0.015	(0.01)									
228	3,5-dichloroaniline	626-43-7	1984	0/18		---	(0.02 - 0.1)	0/18		---	(0.0002 - 0.012)									228

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(A Cumulative List for Fiscal Year 1974 - 1998)

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
229	1,1-dichloroethane	75-34-3	1977	0/ 3		---	(0.05)	0/ 3		---	(0.0003)									229
			1979													A 0/36		--- ppb	(0.2 - 10)	
			1987	11/66		0.005 - 0.030	(0.005)	4/60		0.00011 - 0.00027	(0.00011)					A 6/73		17 - 90ng/m3	(10)	
			1988	36/129		0.005 - 16	(0.005)	4/117		0.00014 - 0.00048	(0.0001)									
230	1,2-dichloroethane	107-06-2	1976	0/60		---	(40 - 200)	0/40		---	(1.0 - 3.4)	0/10		---	(8.7)					230
			1979													A 6/45		0.06 - 10ppb	(0.003 - 10)	
			1980													A 18/81		0.013 - 0.89ppb	(0.013 - 7)	
			1987	30/78		0.03 - 2.5	(0.02)	6/63		0.00052 - 0.00065	(0.0005)					A 60/73		10 - 6,600ng/m3	(10)	
			1988	66/141		0.02 - 3.4	(0.02)	5/126		0.00062 - 0.0028	(0.0005)					A 39/68		45 - 2,200ng/m3	(40)	
231	1,1-dichloroethylene	75-35-4	1979	0/21		---	(0.028 - 0.3)	0/21		---	(0.0003 - 0.002)									231
232	cis-1,2-dichloroethylene	156-59-2	1977	0/ 3		---	(0.06)	0/ 3		---	(0.0003)									232
			1987	24/66		0.005 - 0.54	(0.005)	1/69		0.00033	(0.0002)					A 19/73		10 - 160ng/m3*	(10)	
233	trans-1,2-dichloroethylene	156-60-5	1977	0/ 3		---	(0.03)	0/ 3		---	(0.0002)									233
			1987	6/78		0.077 - 0.23	(0.01)	3/78		0.0013 - 0.0079	(0.00026)					A 19/73		10 - 160ng/m3*	(10)	
*The values are the Total of cis- and trans-1,2-dichloroethylene for the air samples																				
234	dichloroacetic acid	79-43-6	1984	0/21		---	(2)	0/21		---	(0.01 - 0.02)									234
235	3,3'-dichloro-4,4'-diaminodiphenyl methane	101-14-4	1979	0/39		---	(0.02 - 200)	0/39		---	(0.001 - 3.0)									235
			1985	0/30		---	(5)	0/24		---	(0.4)									
236	p,p'-dichlorodiphenyldichloroethylene	72-55-9	1974	0/55		---	(0.0003 - 0.1)	22/50		0.0001 - 0.0079	(0.01)	43/49		0.0006 - 0.131	(0.0002 - 0.005)					236
237	p,p'-dichlorodiphenyldichloroethane	72-54-8	1974	0/55		---	(0.0007 - 0.1)	20/55		0.010 - 0.0150	(0.01)	25/49		0.0008 - 0.015	(0.0008 - 0.005)					237
238	o,p'-dichlorodiphenyltrichloroethane	789-02-6	1974	0/55		---	(0.0007 - 0.1)	0/50		---	(0.0003 - 0.01)	6/49		0.0016 - 0.0021	(0.0005 - 0.005)					238
239	p,p'-dichlorodiphenyltrichloroethane	50-29-3	1974	0/55		---	(0.002 - 0.1)	20/50		0.0008 - 0.0073	(0.01)	7/49		0.0009 - 0.0013	(0.0005 - 0.005)					239
240	dichlorodifluoromethane	75-71-8	1976													A 45/115		0.31 - 33ppb	(0.25 - 1)	240
			1977													A 38/97		0.043 - 0.73ppb	(0.019 - 2)	
241	3,5-dichlorotriclosan	53555-01-4	1995	0/33		---	(0.05)	1/33		0.008	(0.0056)	1/33		0.018	(0.0089)					241

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
242	2,4-dichlorotoluene	95-73-8	1981	0/21		---	(6 - 60)	0/21		---	(0.15)									242
			1997	0/36		---	(0.4)	0/33		---	(0.0093)									
243	2,6-dichlorotoluene	118-69-4	1981	0/21		---	(8 - 80)	0/21		---	(0.2)									243
244	3,4-dichlorotoluene	95-75-0	1981	0/21		---	(10 - 100)	0/21		---	(0.25)									244
245	2,3-dichloro-1,4-naphthoquinone	117-80-6	1982	0/24		---	(0.08 - 0.15)	0/24		---	(0.006 - 0.033)									245
246	2,3-dichloronitrobenzene	3209-22-1	1981	0/21		---	(0.03)	0/21		---	(0.0015)									246
247	2,4-dichloronitrobenzene	611-06-3	1981	0/21		---	(0.02)	0/21		---	(0.001)									247
			1994	0/27		---	(0.06)	0/27		---	(0.0085)	0/27		---	(0.003)	A 0/27		--- ng/m3	(14)	
248	2,5-dichloronitrobenzene	89-61-2	1981	0/21		---	(0.02)	0/21		---	(0.001)									248
			1994	0/27		---	(0.05)	0/27		---	(0.012)	0/27		---	(0.003)	A 0/27		--- ng/m3	(11)	
249	3,4-dichloronitrobenzene	99-54-7	1981	0/21		---	(0.02)	0/21		---	(0.001)									249
250	3,5-dichloronitrobenzene	618-62-2	1981	0/21		---	(0.006)	0/21		---	(0.0003)									250
251	2,4-dichlorophenyl-4'-nitrophenyl ether	1836-75-5	1982	3/54		0.005 - 0.027	(0.001 - 0.2)	0/54		---	(0.0001 - 0.009)									251
252	N-(3,4-dichlorophenyl)propanamide	709-98-8	1980	0/30		---	(0.1 - 10)	0/30		---	(0.005 - 0.1)									252
253	2,4-dichlorophenyl-3'-methoxy-4'-nitrophenyl ether	32861-85-1	1982	5/54		0.002 - 0.003	(0.001 - 0.2)	0/54		---	(0.0002 - 0.03)									253
			1991	0/57		---	(0.3)	0/54		---	(0.067)					A 0/54		--- ng/m3	(40)	
254	2,4-dichlorophenoxyacetic acid	94-75-7	1983	0/45		---	(0.05 - 1)	0/45		---	(0.001 - 0.076)									254
			1996	0/33		---	(0.2)	0/33		---	(0.022)									
255	2,3-dichlorophenol	576-24-9	1978	0/24		---	(0.2 - 40)	0/24		---	(0.005 - 4)									255
			1996	0/33		---	(0.07)	0/33		---	(0.011)					A 0/18		--- ng/m3	(10)	
256	2,4-dichlorophenol	120-83-2	1978	0/24		---	(0.2 - 40)	0/24		---	(0.005 - 4)									256
			1996	0/33		---	(0.07)	0/33		---	(0.011)					A 0/18		--- ng/m3	(10)	
257	2,5-dichlorophenol	583-78-8	1978	0/24		---	(0.2 - 40)	0/24		---	(0.005 - 4)									257
			1996	0/33		---	(0.07)	0/33		---	(0.011)					A 0/18		--- ng/m3	(10)	
258	2,6-dichlorophenol	87-65-0	1978	0/24		---	(0.2 - 40)	0/24		---	(0.005 - 4)									258
			1996	0/33		---	(0.07)	0/33		---	(0.011)					A 0/18		--- ng/m3	(10)	
259	3,4-dichlorophenol	95-77-2	1978	0/24		---	(1 - 40)	0/24		---	(0.03 - 4)									259
			1996	0/33		---	(0.07)	0/33		---	(0.011)					A 0/18		--- ng/m3	(10)	
260	3,5-dichlorophenol	591-35-5	1978	0/24		---	(1 - 40)	0/24		---	(0.03 - 4)									260
			1996	0/33		---	(0.07)	0/33		---	(0.011)					A 0/18		--- ng/m3	(10)	

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
261	3,4-dichloro-1-butene	760-23-6	1997	0/36		---	(0.011)	0/36		---	(0.014)					A 0/57		--- ng/m3	(60)	261
			1998													A 1/36	1/12	80ng/m^3	(60)	
262	1,3-dichloro-2-propanol	96-23-1	1987	3/87		3.1 - 4.0	(1)	0/81		---	(0.09)	0/87		---	(0.02)	A 0/73		--- ng/m3	(40)	262
			1995	0/33		---	(2)	0/33		---	(0.2)					A 1/18		5ng/m^3	(5)	
263	2,3-dichloro-1-propanol	616-23-9	1987	0/87		---	(2)	0/81		---	(0.09)	0/87		---	(0.03)	A 0/73		--- ng/m3	(40)	263
264	1,2-dichloropropane	78-87-5	1976	0/60		---	(40 - 300)	0/40		---	(1.0 - 3.4)	0/10		---	(8.7)					264
265	2,2-dichloropropanoic acid	127-20-8	1980	0/24		---	(10 - 50)	0/24		---	(0.5 - 0.68)									265
			1984	2/21		1	(0.5 - 10)	0/21		---	(0.01 - 0.06)									
266	1,3-dichloropropene	542-75-6	1984	0/21		---	(0.5 - 4)	0/21		---	(0.002 - 0.07)									266
267	2,3-dichloro-1-propene	78-88-6	1988	0/66		---	(0.5)	0/66		---	(0.0042)					A 0/72		--- ng/m3	(200)	267
268	dichlorobromomethane	75-27-4	1980													A 9/81		0.0001 - 0.0019ppb	(0.0001 - 0.05)	268
			1981	1/15		0.01	(0.01)	0/15		---	(0.00006)									
			1983													A 83/93		0.00005 - 0.013ppb	(0.00004 - 0.0005)	
269	3,3-dichloro-(1,1'-biphenyl)-4,4'-diamine	91-94-1	1979	0/21		---	(0.01 - 7)	0/21		---	(0.0003 - 0.9)									269
270	ethyl-p,p'-dichlorobenzilate	510-15-6	1987	0/75		---	(1)	0/66		---	(0.06)	0/75		---	(0.03)					270
271	o-dichloricide	95-50-1	1975	0/95		---	(0.3 - 3)	0/95		---	(0.02 - 0.5)	0/75		---	(0.05 - 0.5)	R 0/24		---	(0.0003 - 0.003)	271
			1983													A 93/97		0.001 - 0.050ppb	(0.001)	
272	m-dichloricide	541-73-1	1975	0/95		---	(0.1 - 2)	3/95		0.01 - 0.05	(0.01 - 0.5)	0/75		---	(0.02 - 0.5)	R 0/24		---	(0.0001 - 0.002)	272
			1983													A 24/95		0.001 - 0.0098ppb	(0.001)	
273	p-dichloricide	106-46-7	1975	2/95		0.5 - 1	(0.3 - 3)	1/95		0.03	(0.02 - 0.5)	0/75		---	(0.05 - 0.5)	R 0/24		---	(0.0003 - 0.003)	273
			1983													A 95/95		0.0021 - 0.88ppb	(0.001)	
274	dichloromethane	75-09-2	1979													A 25/46		0.07 - 1.5ppb	(0.006 - 10)	274
			1980													A 47/135		0.026 - 0.8ppb	(0.005 - 8)	
			1983													A 99/101		0.002 - 5.6ppb	(0.001 - 0.01)	
			1998													A 42/42	14/14	280 - 24000ng/m3	(70)	
275	N,N-dicyclohexyl-2-benzothiazolesulfenamide	4979-32-2	1998	0/39	0/13	---	(0.3)	0/39	0/13	---	(0.01)									275

Surveyed Chemical Substances and their Detected Levels in the Environment
(A Cumulative List for Fiscal Year 1974 - 1998)

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
276	dicyclopentadiene	77-73-6	1978	0/12		---	(0.016 - 0.2)	3/12		0.00087 - 0.00093	(0.000042 - 0.0003)									276
			1989	0/66		---	(0.1)	0/57		---	(0.005)									
277	S-[alpha-(ethoxycarbonyl)benzyl] O,O-dimethyl phosphorodithioate	2597-03-7	1988	0/72		---	(0.1)	0/72		---	(0.051)	0/72		---	(0.003)	A 0/72		--- ng/m3	(20)	277
278	2,4-dinitroaniline	97-02-9	1990	0/75		---	(1.7)	1/75		0.56	(0.19)	0/72		---	(0.078)					278
279	2,6-dinitro-p-cresol	609-93-8	1994	0/36		---	(0.2)	0/36		---	(0.015)	0/36		---	(0.005)					279
280	2,4-dinitrotoluene	121-14-2	1976	0/70		---	(0.08 - 0.1)	0/50		---	(0.00035 - 0.01)	0/10		---	(0.006)					280
			1991	0/48		---	(0.14)	0/48		---	(0.0099)	0/45		---	(0.005)					
281	2,6-dinitrotoluene	606-20-2	1976	1/70		0.054	(0.025 - 0.03)	3/55		0.003 - 0.0050	(0.0007 - 0.01)	0/10		---	(0.002)					281
			1991	0/48		---	(0.11)	0/48		---	(0.011)	0/45		---	(0.005)					
282	3,4-dinitrotoluene	610-39-9	1976	0/70		---	(0.05 - 0.075)	0/95		---	(0.002 - 0.01)	0/10		---	(0.004)					282
283	1,5-dinitronaphthalene	605-71-0	1985	0/30		---	(0.05)	0/30		---	(0.004)									283
284	1,8-dinitronaphthalene	602-38-0	1985	0/30		---	(0.05)	0/30		---	(0.004)									284
285	1,3-dinitropyrene	75321-20-9	1990	0/69		---	(0.04)	0/72		---	(0.13)	0/69		---	(0.075)					285
286	1,6-dinitropyrene	42397-64-8	1990	0/69		---	(0.04)	0/72		---	(0.15)	0/69		---	(0.075)					286
287	1,8-dinitropyrene	42397-65-9	1990	0/69		---	(0.04)	0/72		---	(0.15)	0/69		---	(0.08)	A 0/48		--- ng/m3	(0.01)	287
288	2,4-dinitrophenol	51-28-5	1984	0/21		---	(0.04 - 0.2)	0/21		---	(0.004 - 0.041)									288
			1994	0/36		---	(0.4)	0/36		---	(0.0076)	0/36		---	(0.01)					
289	o-dinitrobenzene	528-29-0	1976	0/70		---	(0.05)	1/54		0.0008	(0.0002 - 0.01)	0/10		---	(0.004)					289
			1991	0/45		---	(0.1)	0/48		---	(0.013)									
290	m-dinitrobenzene	99-65-0	1976	0/70		---	(0.1 - 0.25)	1/51		0.08	(0.007 - 0.02)	0/10		---	(0.01)					290
			1991	0/45		---	(0.1)	0/48		---	(0.012)	0/48		---	(0.005)					
291	p-dinitrobenzene	100-25-4	1994	0/27		---	(0.054)	0/27		---	(0.014)	0/27		---	(0.003)					291
292	4,6-dinitro-2-methylphenol	534-52-1	1984	0/21		---	(0.016 - 0.08)	0/21		---	(0.0016 - 0.017)									292
293	2,3-dihydro-2,2-dimethylbenzofuran-7-yl methylcarbamate	1563-66-2	1992	0/72		---	(0.1)	0/72		---	(0.04)	0/69		---	(0.02)					293
294	diphenylamine	122-39-4	1976	0/80		---	(0.6 - 5)	0/20		---	(0.20 - 0.74)	0/20		---	(0.15 - 0.25)					294
			1990	3/81		0.4 - 1.2	(0.2)	12/63		0.0063 - 0.2	(0.005)	2/72		0.03	(0.02)					
295	diphenyl ether	101-84-8	1976	0/88		---	(0.6 - 5)	0/28		---	(0.1 - 0.74)	0/20		---	(0.15 - 0.25)					295
			1984	0/24		---	(0.02 - 0.08)	0/24		---	(0.0006 - 0.003)									
296	diphenylguanidine	102-06-7	1978	0/42		---	(2 - 50)	0/42		---	(0.1 - 0.5)									296
297	diphenyl disulfide	882-33-7	1983	0/30		---	(0.1)	0/30		---	(0.005 - 0.024)									297

Surveyed Chemical Substances and their Detected Levels in the Environment
(A Cumulative List for Fiscal Year 1974 - 1998)

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
298	diphenyltin compounds		1989	5/72		0.38 - 27	(0.06)	31/53		0.007 - 0.5	(0.005)	48/59		0.005 - 0.99	(0.005)					298
			1998	12/133	6/45	0.00037 - 0.0017	(0.0003)	79/138	30/46	0.00079 - 0.21	(0.00072)									
299	1,1-diphenylhydrazine	530-50-7	1982	0/ 9		---	(10)	0/ 9		---	(0.3)									299
300	N,N'-diphenylhydrazine	122-66-7	1986	0/30		---	(0.6)	0/30		---	(0.3)									300
301	diphenylmethane	101-81-5	1983	0/33		---	(0.03 - 0.4)	3/33		0.059 - 0.16	(0.004 - 0.041)									301
			1984	2/138		0.6 - 1.1	(0.008 - 0.5)	10/138		0.0006 - 0.0019	(0.0004 - 0.044)	3/138		0.0019 - 0.0049	(0.0001 - 0.008)					
302	di-n-butylamine	111-92-2	1986	0/30		---	(2)	0/30		---	(0.05)									302
303	2,6-di-t-butyl-4-ethylphenol	4130-42-1	1984	0/30		---	(0.06 - 0.3)	2/30		0.0036 - 0.0048	(0.0006 - 0.0071)									303
304	dibutyltin compounds		1983	0/75		---	(0.1 - 0.4)	3/75		0.02 - 0.03	(0.01 - 0.044)									304
			1984	0/138		---	(0.08 - 10)	6/138		0.004 - 0.11	(0.003 - 0.07)	0/138		---	(0.003 - 0.05)					
			1998	20/39	8/13	0.003 - 0.017	(0.0021)	36/36	12/12	0.002 - 0.27	(0.002)									
305	2,5-di-t-butylhydroquinone	88-58-4	1980	0/39		---	(0.3 - 10)	0/39		---	(0.027 - 0.2)									305
306	2,6-di-t-butylphenol	128-39-2	1996	0/33		---	(0.3)	0/33		---	(0.071)	0/33		---	(0.04)					306
307	2,6-di-t-butyl-4-methylphenol	128-37-0	1976	0/68		---	(0.4 - 5)	10/68		0.066 - 1.69	(0.01 - 0.04)									307
			1977	0/117		---	(0.1 - 5)	17/117		0.008 - 0.22	(0.008 - 0.06)	7/85		0.006 - 0.069	(0.004 - 0.12)					
			1985													A 29/60		1.2 - 20ng/m3	(1.0 - 5)	
			1996	0/33		---	(0.3)	1/33		0.103	(0.09)	0/33		---	(0.058)	A 5/18		37 - 70ng/m3	(32)	
308	1,2-dibromoethane	106-93-4	1976	0/60		---	(0.2 - 75)	0/40		---	(0.005 - 0.17)	0/20		---	(0.005)					308
			1982	0/27		---	(0.3 - 2)	0/27		---	(0.0016 - 0.01)									
			1983													A 71/108		0.001 - 0.067ppb	(0.0003 - 0.001)	
			1997													A 0/57		--- ng/m3	(90)	
			1998													A 0/39	0/13	--- ng/m3	(71)	
309	1,2-dibromoethylene	540-49-8	1981	0/15		---	(0.5 - 3)	0/15		---	(0.003 - 0.02)									309
310	dibromocresyl glycidyl ether	30171-80-3	1977	0/15		---	(0.05 - 0.25)	0/15		---	(0.006 - 0.02)									310
311	4,4'-dibromodiphenyl	96-86-4	1997	0/156		---	(0.031)	0/147		---	(0.003)	0/156		---	(0.01)					311
312	o-dibromobenzene	583-53-9	1981	0/18		---	(0.01 - 0.05)	0/18		---	(0.0002 - 0.0005)									312
313	m-dibromobenzene	108-36-1	1981	0/18		---	(0.02 - 0.05)	0/18		---	(0.0005)									313
314	p-dibromobenzene	106-37-6	1981	0/18		---	(0.04 - 0.1)	0/18		---	(0.001)									314
315	dibromomethane	74-95-3	1981	0/15		---	(0.06)	0/15		---	(0.0003)									315
316	dibenzyl ether	103-50-4	1984	3/21		0.005 - 0.007	(0.005 - 0.03)	9/21		0.0006 - 0.0057	(0.0005 - 0.0066)									316
317	dibenzyltoluene	26898-17-9	1977	0/15		---	(10 - 40)	0/15		---	(0.5 - 4)									317

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
318	dibenz[a,h]anthracene	53-70-3	1989	1/75		0.1	(0.1)	55/60		0.0081 - 0.34	(0.006)	1/63		0.003	(0.003)	A 7/39		0.89 - 4.6ng/m3	(0.6)	318
319	p-dibenzoylquinone dioxime	120-52-5	1980	0/36		---	(0.1 - 10)													319
320	2,2'-dibenzothiazyl disulfide	120-78-5	1977	0/12		---	(0.5)	0/12		---	(0.05 - 0.17)									320
321	dibenzothiophene	132-65-0	1983	0/45		---	(0.05 - 0.1)	6/45		0.001 - 0.005	(0.001 - 0.007)									321
			1998	0/42	0/14	---	(0.02)	28/39	10/13	0.0022 - 0.14	(0.0021)	15/39	5/13	0.00071 - 0.013	(0.00034)					
322	dibenzofuran	132-64-9	1983	0/45		---	(0.2 - 0.4)	0/45		---	(0.006 - 0.027)									322
323	dipentamethylenethiuram tetrasulfide	120-54-7	1980	0/21		---	(0.002 - 0.07)	0/ 9		---	(0.2)									323
324	2,3-dimethylaniline	87-59-2	1976	0/68		---	(0.1 - 1)	6/68		0.006 - 0.090	(0.001 - 0.006)									324
			1990	0/54		---	(0.02)	0/54		---	(0.011)	0/27		---	(0.005)	A 0/51		--- ng/m3	(500)	
325	2,4-dimethylaniline	95-68-1	1977	0/ 6		---	(1 - 5)	0/ 6		---	(0.25 - 1)									325
326	2,5-dimethylaniline	95-78-3	1976	0/68		---	(0.2 - 0.5)	2/68		0.006 - 0.027	(0.001 - 0.004)									326
327	3,4-dimethylaniline	95-64-7	1976	0/68		---	(0.06 - 0.7)	8/68		0.001 - 0.043	(0.001 - 0.004)									327
			1977	0/ 6		---	(1 - 20)	0/ 6		---	(0.25 - 4)									
328	3,5-dimethylaniline	108-69-0	1976	1/68		0.04	(0.02 - 0.2)	5/68		0.002 - 0.01	(0.0005 - 0.001)									328
329	N,N-dimethylaniline	121-69-7	1976	2/68		1.1 - 1.7	(0.3 - 2.4)	6/68		0.011 - 0.21	(0.006 - 0.05)									329
			1990	0/69		---	(0.03)	3/63		0.014 - 0.027	(0.01)	0/69		---	(0.002)	A 1/36		380ng/m^3	(100)	
330	4-dimethylaminoazobenzene	60-11-7	1986	0/30		---	(0.3)	0/30		---	(0.04)									330
331	dimethylamine	124-40-3	1986	0/33		---	(4)	9/27		0.05 - 0.227	(0.05)									331
			1991													A 0/48		--- ng/m3	(640)	
332	dimethylsulfoxide	67-68-5	1992	17/45		0.2 - 4.2	(0.2)	17/42		0.005 - 0.098	(0.005)	8/39		0.0056 - 0.028	(0.005)					332
333	1,2-dimethylnaphthalene	573-98-8	1984	3/18		0.01	(0.005 - 0.3)	1/18		0.001	(0.0003 - 0.016)									333
			1985	0/141		---	(0.2)	5/138		0.038 - 0.16	(0.03)	4/129		0.002 - 0.007	(0.002)					
			1998													A 28/30	10/10	0.37 - 9.9ng/m3	(0.3)	
334	1,3-,1,6-dimethylnaphthalene	575-41-7 575-43-9	1998													A 26/27	9/9	2 - 70ng/m3	(0.56)	334
335	1,3-dimethylnaphthalene	575-41-7	1984	3/18		0.07 - 0.08	(0.01 - 0.2)	10/18		0.011 - 0.073	(0.0008 - 0.012)									335
			1985	0/141		---	(0.2)	24/142		0.03 - 0.61	(0.03)	39/129		0.0020 - 0.059	(0.002)					

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
	1,4-, 1,5-, 2,3-dimethylnaphthalene *	571-58-4 571-61-9 581-40-8	1984	3/18		0.02 - 0.03	(0.005 - 0.3)	6/18		0.004 - 0.033	(0.0003 - 0.016)									
			1985	0/147		---	(0.2)	13/147		0.03 - 0.29	(0.03)	19/129		0.002 - 0.019	(0.002)					
*The values are the total of the three compounds																				
336	1,4-dimethylnaphthalene	571-58-4	1998													A 29/30	10/10	0.27 - 7.2ng/m3	(0.23)	336
337	1,5-dimethylnaphthalene	571-61-9	1998													A 28/30	10/10	0.4 - 8.9ng/m3	(0.33)	337
338	1,7-dimethylnaphthalene	575-37-1	1998													A 27/27	9/9	0.13 - 23ng/m3	(0.1)	338
339	1,8-dimethylnaphthalene	569-41-5	1985	0/147		---	(0.2)	1/135		0.072	(0.03)	0/126		---	(0.002)					339
			1998													A 21/21	7/7	0.09 - 5.1ng/m3	(0.08)	
340	2,3-dimethylnaphthalene	581-40-8	1998													A 28/30	10/10	0.4 - 13ng/m3	(0.4)	340
341	2,6-dimethylnaphthalene	581-42-0	1984	3/18		0.02	(0.006 - 0.2)	10/18		0.006 - 0.067	(0.0005 - 0.010)									341
			1985	0/141		---	(0.2)	18/141		0.032 - 0.31	(0.03)	18/129		0.002 - 0.016	(0.002)					
			1998													A 26/27	9/9	1.2 - 30ng/m3	(0.61)	
342	2,7-dimethylnaphthalene	582-16-1	1998													A 27/27	9/9	0.31 - 22ng/m3	(0.3)	342
343	N,N'-dimethyl-p-nitrosoaniline	138-89-6	1980	0/27		---	(0.2)													343
344	2,4-dimethylphenol	105-67-9	1982	0/33		---	(0.04 - 0.5)	0/33		---	(0.0002 - 0.02)									344
345	2,5-dimethylphenol	95-87-4	1982	0/33		---	(0.04 - 0.5)	0/33		---	(0.0002 - 0.02)									345
346	3,5-dimethylphenol	108-68-9	1982	0/33		---	(0.04 - 0.5)	6/33		0.0005 - 0.0022	(0.0002 - 0.02)									346
347	di(alpha-methylbenzyl)phenol	2769-94-0	1981	0/27		---	(0.03 - 0.05)	6/27		0.16 - 0.3	(0.002 - 0.01)									347
348	N,N'-dimethylformamide	68-12-2	1978	0/24		---	(10 - 50)	0/24		---	(0.1 - 0.3)									348
			1991	18/48		0.1 - 6.6	(0.1)	9/48		0.03 - 0.11	(0.013)					A 21/49		110 - 1100ng/m3	(110)	
			1997													A 30/49		20 - 620ng/m3	(20)	
			1998	5/36	2/12	0.08 - 0.11	(0.07)	10/36	4/12	0.0033 - 0.03	(0.003)									
349	dimethoate	60-51-5	1986	0/39		---	(0.3)	0/39		---	(0.03)									349
			1993	0/30		---	(0.1)	0/30		---	(0.71)	0/30		---	(4)					
350	4,4'-dimethoxydiphenylamine	101-70-2	1977	0/ 6		---	(2 - 5)	0/ 6		---	(1)									350

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				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
351	ethyl bromide	74-96-4	1976	0/60		---	(160 - 450)	0/40		---	(1.54 - 2.3)	0/20		---	(0.77 - 2.0)					351
			1983													A 15/101		0.002 - 0.059ppb	(0.001 - 0.017)	
			1997													A 5/30		5.9 - 53ng/m3	(5.4)	
			1998													A 0/36	0/12	--- ng/m3	(40)	
352	vinyl bromide	593-60-2	1981	0/15		---	(1)	0/15		---	(0.005 - 0.006)									352
353	methyl bromide	74-83-9	1976	0/60		---	(1.8 - 19)	0/40		---	(0.024 - 0.95)	0/20		---	(0.012 - 0.05)					353
			1980													A 5/27		0.015 - 0.031ppb	(0.015 - 0.1)	
			1998													A 36/39	13/14	49 - 340ng/m3	(41)	
354	hydrogenated terphenyls	61788-32-7	1977	0/15		---	(10 - 20)	0/15		---	(0.5 - 2)									354
355	styrene	100-42-5	1977	0/ 3		---	(2)	0/ 3		---	(0.006)									355
			1985	0/27		---	(0.1)	1/21		0.001	(0.001)									
			1986	7/121		0.03 - 0.5	(0.03)	13/125		0.0005 - 0.0075	(0.0005)	28/131		0.0005 - 0.0023	(0.0005)					
			1997	0/36		---	(0.2)	0/33		---	(0.0078)									
			1998													A 42/42	14/14	39 - 2700ng/m3	(33)	
356	dioctyl sebacate	122-62-3	1981	0/21		---	(0.8 - 4)	0/21		---	(0.04 - 0.4)									356
357	dibutyl sebacate	109-43-3	1981	0/21		---	(0.8 - 4)	0/21		---	(0.04 - 0.4)									357
358	solvent yellow 14	842-07-9	1988	0/72		---	(0.5)	0/72		---	(0.10)									358
359	o-terphenyl	84-15-1	1976	0/68		---	(0.004 - 25)	15/63		0.00075 - 0.39	(0.00019 - 0.25)	0/ 1		---	(0.05)					359
			1977	0/117		---	(0.0014 - 20)	10/117		0.0012 - 0.1	(0.00016 - 1.6)	0/93		---	(0.000028 - 0.5)					
360	m-terphenyl	92-06-8	1976	0/68		---	(0.013 - 125)	31/63		0.001 - 0.21	(0.001 - 1.25)	0/ 1		---	(0.25)					360
			1977	0/117		---	(0.005 - 13)	12/117		0.0021 - 0.19	(0.00069 - 1)	1/93		0.0024	(0.0001 - 1)					
361	p-terphenyl	92-94-4	1976	0/68		---	(0.025 - 125)	21/63		0.001 - 0.18	(0.001 - 1.25)	0/ 1		---	(0.25)					361
			1977	0/117		---	(0.01 - 20)	7/117		0.0034 - 0.15	(0.0013 - 1.2)	0/93		---	(0.0002 - 1)					
362	thiabendazole	148-79-8	1986	0/27		---	(1)	0/27		---	(0.2)									362
363	distearyl thiodipropionate	693-36-7	1981	0/ 9		---	(0.16 - 1)	0/ 9		---	(0.008 - 0.05)									363
364	dilauryl thiodipropionate	123-28-4	1981	0/ 9		---	(0.16 - 1)	0/ 9		---	(0.008 - 0.05)									364
365	thiourea	62-56-6	1977	0/ 6		---	(1.1 - 400)	0/ 6		---	(0.055 - 1)									365
366	4,4'-thiobis(6-tert-butyl-3-methylphenol)	96-69-5	1981	0/18		---	(1 - 5)	0/18		---	(0.01 - 0.2)									366
367	thiophene	110-02-1	1985	0/24		---	(0.005)	3/24		0.0002 - 0.0015	(0.0001)									367

Surveyed Chemical Substances and their Detected Levels in the Environment
(A Cumulative List for Fiscal Year 1974 - 1998)

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
368	O,O-diethyl O-2-isopropyl-4-methyl-6-pyrimidyl thiophosphate	333-41-5	1983	0/30		---	(0.1)	0/30		---	(0.005 - 0.019)									368
			1993													A 0/51		--- ng/m3	(12)	
369	O,O'-diethyl-O-alpha-cyanobenzylideneamino phosphorothioate	14816-18-3	1988	0/72		---	(0.6)	0/72		---	(0.074)	0/72		---	(0.03)	A 0/72		--- ng/m3	(10)	369
370	O,O'-diethyl-O-3,5,6-trichloro-2-pyridyl phosphorothioate	2921-88-2	1983	0/30		---	(0.1)	0/30		---	(0.005 - 0.035)									370
			1988	0/72		---	(0.1)	11/69		0.007 - 0.08	(0.007)	0/72		---	(0.005)	A 0/72		--- ng/m3	(10)	
			1990	0/24		---	(0.1)	9/24		0.0074 - 0.033	(0.005)									
371	O,O-dimethyl O-4-nitro-m-tolyl thiophosphate	122-14-5	1983	0/30		---	(0.0064 - 0.4)	0/30		---	(0.0012 - 0.02)									371
			1993													A 2/45		20 - 45ng/m3	(10)	
372	dieldrin	60-57-1	1974	0/60		---	(0.1)	0/60		---	(0.01)	0/60		---	(0.005)					372
373	decanol	112-30-1	1979	0/27		---	(5 - 50)	0/27		---	(0.3 - 1)									373
374	cis-decahydronaphthalene	91-17-8	1984	0/18		---	(0.02 - 0.1)	0/18		---	(0.005 - 0.022)									374
375	trans-decahydronaphthalene	91-17-8	1984	0/18		---	(0.01 - 0.07)	4/18		0.006 - 0.181	(0.002 - 0.016)									375
376	decabromodiphenyl ether	1163-19-5	1977	0/15		---	(0.2 - 2.5)	0/15		---	(0.025 - 0.87)									376
			1987	0/75		---	(0.1)	16/60		0.010 - 1.37	(0.007)	0/75		---	(0.005)					
			1988	0/141		---	(0.06)	39/129		0.004 - 6	(0.004)	0/138		---	(0.005)					
			1996	0/33		---	(0.2)	15/33		0.030 - 0.58	(0.025)	0/138		---	(0.005)					
377	decabromobiphenyl	13654-09-6	1989	0/63		---	(0.3)	0/63		---	(0.03)	0/63		---	(0.03)	A 0/38		--- ng/m3	(20)	377
378	tetraethylthiuram disulfide	97-77-8	1992	0/30		---	(2.64)													378
379	tetraethoxysilane	78-10-4	1992													A 0/18		--- ng/m3	(2.5)	379
380	tetrachloroisophthalonitrile	1897-45-6	1977	0/ 3		---	(10)	0/ 3		---	(0.1)									380
			1991	0/57		---	(0.13)	0/30		---	(0.05)	0/30		---	(0.04)	A 0/51		--- ng/m3	(5)	
381	1,1,2,2-tetrachloroethane	79-34-5	1976	0/60		---	(1 - 50)	0/40		---	(0.05 - 1.0)	0/10		---	(0.2)					381
382	tetrachloroethylene	127-18-4	1974	5/60		3	(0.2 - 2)									R 0/18		---ppm	(0.0002 - 0.002)	382
			1975	73/395		0.15 - 9.5	(0.06 - 0.2)									R 3/114		0.0002 - 0.0003ppm	(0.00006 - 0.0002)	
			1979													A 33/45		0.02 - 1.5ppb	(0.004 - 0.12)	
			1980													A 103/135		0.01 - 1.7ppb	(0.004 - 0.12)	
			1983													A 107/108		0.01 - 1.5ppb	(0.008 - 0.02)	

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
383	cis-N-(1,1,2,2-tetrachloroethylthio)-4-cyclohexene-1,2-dicarboximide	2425-06-1	1980	0/18		---	(0.03 - 0.1)	0/18		---	(0.001 - 0.005)									383
384	2,2',3,3'-tetrachloro-4,4'-diaminodiphenylmethane	42240-73-3	1985	0/30		---	(5)	0/24		---	(0.8)									384
385	3,3',5,5'-tetrachloro-4,4'-diaminodiphenylmethane	25464-95-3	1985	0/30		---	(5)	0/24		---	(0.1)									385
386	2,3,4,6-tetrachlorophenol	58-90-2	1978	0/21		---	(0.04 - 0.3)	0/21		---	(0.003 - 0.03)									386
			1996	0/33		---	(0.25)	0/33		---	(0.009)									
387	1,2,3,4-tetrachlorobenzene	634-66-2	1975	0/100		---	(0.05)	0/100		---	(0.05)	0/95		---	(0.05)	R 0/30		---ppm	(0.05)	387
388	1,2,3,5-tetrachlorobenzene	634-90-2	1975	0/100		---	(0.05)	0/100		---	(0.05)	0/95		---	(0.05)	R 0/30		---ppm	(0.05)	388
389	1,2,4,5-tetrachlorobenzene	95-94-3	1975	0/100		---	(0.05)	0/100		---	(0.05)	0/95		---	(0.05)	R 0/30		---ppm	(0.05)	389
390	tetrahydrothiophene-1,1-dioxide	126-33-0	1976	0/60		---	(0.16 - 1)	0/55		---	(0.007 - 0.260)	0/ 1		---	(0.02)					390
391	tetrahydronaphthalene	119-64-2	1977	0/ 9		---	(0.1 - 1)	0/ 6		---	(0.004 - 0.1)									391
392	tetrahydrofuran	109-99-9	1979	0/33		---	(0.2 - 25)	0/33		---	(0.0001 - 0.033)									392
			1996	0/33		---	(1)									A 5/18		220 - 810ng/m3	(110)	
393	tetraphenylstannane	595-90-4	1997	0/159		---	(0.05)	9/126		0.0060 - 0.50	(0.0058)	7/144		0.00098 - 0.0053	(0.00088)					393
394	1,1,2,2-tetrabromoethane	79-27-6	1976	0/60		---	(0.2 - 0.5)	0/40		---	(0.005 - 0.013)	0/20		---	(0.005 - 0.0065)					394
395	tetrabromobisphenol A	79-94-7	1977	0/15		---	(0.02 - 0.04)	0/15		---	(0.0013 - 0.007)									395
			1987	1/75		0.05	(0.03)	14/66		0.002 - 0.150	(0.002)	0/75		---	(0.001)					
			1988	0/150		---	(0.04)	20/130		0.002 - 0.108	(0.002)	0/135		---	(0.001)					
396	tetrabromobiphenyl	40088-45-7	1989	0/63		---	(0.012)	0/63		---	(0.0016)	0/63		---	(0.001)	A 0/38		--- ng/m3	(1.0)	396
397	1,2,4,5-tetrabromobenzene	636-28-2	1981	0/18		---	(0.01 - 0.02)	0/18		---	(0.0002 - 0.00025)									397
398	tetrabromomethane	558-13-4	1981	0/15		---	(0.004 - 3)	0/15		---	(0.00078 - 0.012)									398
399	2,2,3,3-tetrafluoropropanoic acid	756-09-2	1984	0/21		---	(0.1 - 2)	0/21		---	(0.001 - 0.02)									399
400	tetramethylthiuram disulfide	137-26-8	1985	0/27		---	(0.9)	0/27		---	(0.02)									400
			1992	0/30		---	(1)													
401	tetramethylthiuram monosulfide	97-74-5	1985	0/27		---	(0.9)	0/27		---	(0.009)									401
			1992	0/30		---	(1)	0/30		---	(0.02)									

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
402	terephthalic acid	100-21-0	1975	6/100		0.2 - 0.7	(0.02 - 5)													402
			1983	0/24		---	(2 - 50)	0/24		---	(0.05 - 0.28)									
403	dimethyl terephthalate	120-61-6	1975	1/100		0.16	(0.002 - 0.5)													403
			1982	0/18		---	(0.2 - 0.5)	0/18		---	(0.008 - 0.015)									
404	telodrin	297-78-9	1974	0/60		---	(0.1)	0/60		---	(0.01)	0/60		---	(0.005)					404
405	toxaphene	8001-35-2	1983	0/33		---	(0.3 - 0.6)	0/33		---	(0.01 - 0.04)									405
406	dodecachloro-dodecahydro-dimethanodibenzo-cyclooctene	13560-89-9	1976	4/60		0.4 - 0.6	(0.28 - 0.5)	0/53		---	(0.01 - 0.03)	0/ 2		---	(0.015)					406
407	triallylamine	102-70-5	1981	0/27		---	(1 - 5)	0/27		---	(0.01 - 0.02)									407
408	triethanolamine	102-71-6	1978	0/12		---	(0.3 - 1.3)													408
409	triethylamine	121-44-8	1981	0/27		---	(0.7 - 2)	0/27		---	(0.005 - 0.01)									409
			1991	3/27		0.39 - 0.56	(0.2)	15/33		0.012 - 0.064	(0.012)									
410	triethylbiphenyl	42343-17-9	1976	0/68		---	(3.5 - 40)	0/50		---	(0.5 - 5.0)	0/20		---	(0.70 - 2.0)					410
411	triethylene glycol ethyl ether	112-50-5	1988	0/75		---	(2.2)	0/75		---	(0.24)									411
412	triethylene glycol methyl ether	112-35-6	1988	0/75		---	(4.1)	0/75		---	(0.23)									412
413	trioctylamine	1116-76-3	1981	0/27		---	(1)	0/27		---	(0.005 - 0.01)									413
414	trioctyltin compounds		1984	0/21		---	(1)	0/21		---	(0.07 - 0.14)									414
415	triclosan	3380-34-5	1995	0/33		---	(0.05)	19/24		0.005 - 0.0079	(0.0046)	0/33		---	(0.003)					415
416	trichlorfon	52-68-6	1993	0/33		---	(0.2)	0/33		---	(0.008)	0/33		---	(0.004)					416
417	2,4,5-trichloroaniline	636-30-6	1981	0/15		---	(0.001 - 0.005)	0/15		---	(0.0002 - 0.001)									417
418	2,4,6-trichloroaniline	634-93-5	1981	0/15		---	(0.001 - 0.006)	0/15		---	(0.0002 - 0.001)									418
419	1,1,1-trichloroethane	71-55-6	1974	0/60		---	(0.1 - 2)									R 0/18		--- ppm	(0.0001 - 0.002)	419
			1975	43/395		0.06 - 5.4	(0.05 - 0.4)									R 0/114		--- ppm	(0.00005 - 0.0004)	
			1979													A 26/48		0.02 - 0.71ppb	(0.002 - 0.18)	
			1980													A 78/135		0.01 - 3.2ppb	(0.002 - 0.2)	
			1983													A 95/108		0.010 - 3.40ppb	(0.001 - 0.03)	
420	1,1,2-trichloroethane	79-00-5	1976	0/60		---	(4 - 50)	0/40		---	(0.3 - 1.0)	0/10		---	(0.4)					420
421	2,2,2-trichloro-1,1-ethanediol	302-17-0	1986	0/27		---	(1)	0/21		---	(0.006)									421

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				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
422	trichloroethylene	79-01-6	1974	1/60		5	(1)									R 0/18		--- ppm	(0.0002 - 0.005)	422
			1975	75/395		0.29 - 12	(0.2 - 1)									R 2/114		0.0002 - 0.001ppm	(0.0001 - 0.001)	
			1979													A 21/48		0.016 - 5.9ppb	(0.005 - 0.60)	
			1980													A 64/135		0.007 - 2ppb	(0.005 - 1)	
			1983													A 88/108		0.01 - 1.5ppb	(0.01 - 0.13)	
423	trichloroacetic acid	76-03-9	1984	0/21		---	(5)	0/21		---	(0.02 - 0.05)									423
424	1,1,2-trichloro-1,2,2-trifluoroethane	76-13-1	1981	0/27		---	(0.002 - 20)	0/27		---	(0.00002 - 0.02)									424
			1983													A 100/100		0.003 - 4.54ppb	(0.0003 - 0.005)	
425	2,4,6-trichloronitrobenzene	18708-70-8	1984	0/24		---	(0.002 - 0.03)	0/24		---	(0.00019 - 0.003)									425
426	1,1,1-trichloro-2,2-bis(4-methoxyphenyl)ethane	72-43-5	1985	0/27		---	(0.01)	0/27		---	(0.02)									426
427	2,4,6-trichlorophenyl-4'-nitrophenyl ether	1836-77-7	1978	0/18		---	(0.006 - 0.03)	0/18		---	(0.0003 - 0.003)									427
			1982	5/54		0.001 - 0.003	(0.001 - 0.2)	8/54		0.0007 - 0.006	(0.0001 - 0.009)									
			1991	0/57		---	(0.35)	0/51		---	(0.043)					A 0/54		--- ng/m3	(21)	
428	2,4,5-trichlorophenoxyacetic acid	93-76-5	1983	0/45		---	(0.01 - 3)	0/45		---	(0.0002 - 0.13)									428
429	2,4,5-trichlorophenol	95-95-4	1978	0/21		---	(0.02 - 0.08)	0/21		---	(0.001 - 0.008)									429
			1996	0/33		---	(0.2)	0/30		---	(0.0063)									
430	2,4,6-trichlorophenol	88-06-2	1978	0/21		---	(0.008 - 0.1)	1/21		0.0008	(0.0006 - 0.01)									430
			1996	0/33		---	(0.15)	1/30		0.012	(0.009)									
431	1,2,3-trichloropropane	96-18-4	1976	0/60		---	(10 - 20)	0/40		---	(0.2 - 2)	0/10		---	(2.4)					431
432	trichlorofluoromethane	75-69-4	1976													A 90/115		0.002 - 0.45ppb	(0.0021)	432
			1977													A 71/97		0.02 - 0.9ppb	(0.01 - 1)	
433	1,2,3-trichlorobenzene	87-61-6	1975	0/95		---	(0.08 - 0.3)	0/95		---	(0.002 - 0.1)	0/75		---	(0.005 - 0.1)	R 0/24		--- ppm	(0.00008 - 0.0003)	433
			1979	2/111		0.05 - 0.07	(0.01 - 0.4)	19/111		0.0004 - 0.058	(0.0001 - 0.1)	0/93		---	(0.0001 - 0.1)					
			1986													A 22/73		1.1 - 12ng/m3	(1.0)	

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				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
434	1,2,4-trichlorobenzene	120-82-1	1975	0/95		---	(0.03 - 0.4)	3/95		0.002 - 0.022	(0.002 - 0.1)	2/75		0.1 - 0.2	(0.0005 - 0.1)	R 0/24		--- ppm	(0.00003 - 0.0004)	434
			1979	8/111		0.01 - 0.13	(0.01 - 0.4)	33/111		0.0005 - 0.030	(0.0001 - 0.1)	7/93		0.0003 - 0.008	(0.0001 - 0.1)					
			1986													A 63/73		1.2 - 78ng/m3	(1.0)	
435	1,3,5-trichlorobenzene	108-70-3	1975	0/95		---	(0.02 - 0.2)	0/95		---	(0.001 - 0.1)	0/75		---	(0.003 - 0.1)	R 0/24		--- ppm	(0.00002 - 0.0002)	435
			1979	1/111		0.02	(0.01 - 0.4)	18/111		0.0006 - 0.0247	(0.0001 - 0.1)	1/93		0.012	(0.0001 - 0.1)					
			1986													A 7/73		1.0 - 8.6ng/m3	(1.0)	
436	trichloromethane	67-66-3	1974	21/60		1.4 - 70	(1)									R 6/18		0.01 - 0.118ppm	(0.0002)	436
			1975	86/359		0.09 - 17	(0.08 - 1)									R 25/114		0.0001 - 0.043ppm	(0.00008 - 0.001)	
			1979													A 22/44		0.023 - 5.0ppb	(0.02 - 1)	
			1980													A 57/132		0.017 - 4.6ppb	(0.014 - 1)	
			1983													A 88/108		0.01 - 2.2ppb	(0.01 - 0.10)	
437	1,1,1-trichloro-2-methyl-2-propanol	57-15-8	1980	0/33		---	(0.02 - 20)	0/33		---	(0.00049 - 0.1)									437
			1988	0/72		---	(0.5)	0/72		---	(0.06)					A 1/72		57ng/m^3	(25)	
438	tricyclohexyltin hydroxide	13121-70-5	1986	0/30		---	(2)	0/18		---	(0.04)									438
439	o-tolidine	119-93-7	1977	0/ 6		---	(0.02)	0/ 3		---	(0.002)									439
440	1,3,5-tris(2'-hydroxyethyl) isocyanuric acid	839-90-7	1979	0/18		---	(5 - 10)	0/18		---	(0.002 - 0.07)									440
441	tris(2-hydroxypropyl)amine	122-20-3	1981	0/24		---	(10 - 20)	0/24		---	(0.08 - 0.1)									441
442	1-tridecyl alcohol	112-70-9	1977	0/ 6		---	(300)	0/ 6		---	(6)									442
443	triphenyltin compounds		1982	0/69		---	(0.1 - 35)	0/69		---	(0.01 - 1.8)									443
			1988	73/119		0.005 - 0.088	(0.005)	99/129		0.001 - 1.1	(0.001)	118/144		0.02 - 2.6	(0.02)					
444	triphenylmethane	519-73-3	1983	0/33		---	(0.2 - 0.4)	0/33		---	(0.008 - 0.041)									444
445	tri-n-butylamine	102-82-9	1986	0/30		---	(3)	0/27		---	(0.08)									445
446	tributyltin compounds		1983	0/75		---	(0.1 - 1)	9/75		0.05 - 0.70	(0.01 - 0.08)									446
			1984	0/138		---	(0.1 - 10)	32/138		0.006 - 0.91	(0.006 - 0.21)	29/138		0.009 - 0.48	(0.003 - 0.1)					
447	2,4,6-tri-sec-butylphenol	5892-47-7	1984	0/30		---	(0.1 - 0.3)	0/30		---	(0.001 - 0.0071)									447
448	2,4,6-tri-tert-butylphenol	732-26-3	1984	0/30		---	(0.04 - 0.08)	3/30		0.0023 - 0.0082	(0.0004 - 0.0019)									448
449	trifluralin	1582-09-8	1994	0/30		---	(0.02)	0/30		---	(0.0025)	0/30		---	(0.001)					449
450	tripropyltin compounds		1982	0/60		---	(0.1 - 2)	0/60		---	(0.01 - 0.12)									450

Surveyed Chemical Substances and their Detected Levels in the Environment
(A Cumulative List for Fiscal Year 1974 - 1998)

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
451	2,4,6-tribromophenyl(2-methyl-2,3-dibromopropyl)ether	36065-30-2	1979	0/21		---	(0.1 - 0.5)	0/21		---	(0.02 - 0.05)									451
452	2,4,6-tribromophenol	118-79-6	1986	0/33		---	(0.006)	2/33		0.0015 - 0.0040	(0.0005)									452
			1996	0/33		---	(0.35)	0/30		---	(0.009)									
453	1,3,5-tribromobenzene	626-39-1	1981	0/18		---	(0.01 - 0.03)	0/18		---	(0.0002 - 0.0003)									453
454	tribromomethane	75-25-2	1976	0/60		---	(0.2 - 26)	0/40		---	(0.005 - 0.35)	0/20		---	(0.005 - 0.0065)					454
			1980													A 0/63		--- ppb	(0.004 - 0.3)	
455	trimethylamine	75-50-3	1986	0/33		---	(3)	4/27		0.13 - 0.63	(0.08)									455
			1991													A 1/48		150ng/m^3	(150)	
456	3,5,5-trimethyl-2-cyclohexene-1-one	78-59-1	1981	0/36		---	(0.02 - 10)	18/36		0.0006 - 0.0066	(0.0003 - 0.2)									456
			1995	5/165		0.031 - 0.048	(0.0235)	97/154		0.00014 - 0.81	(0.00014)	32/141		0.00023 - 0.017	(0.00021)					
457	2,2,4-trimethyl-1,2-dihydroquinoline	147-47-7	1980	0/42		---	(0.5 - 5)	0/42		---	(0.025 - 0.7)									457
458	tri(alpha-methylbenzyl)phenol	18254-13-2	1981	0/27		---	(0.04 - 0.06)	12/27		0.019 - 0.42	(0.006 - 0.03)									458
459	1,2,3-trimethylbenzene	526-73-8	1976	0/20		---	(0.1)	0/20		---	(0.01)									459
460	1,2,4-trimethylbenzene	95-63-6	1976	0/20		---	(0.1)	0/20		---	(0.01)									460
			1998													A 39/42	13/14	370 - 10000ng/m3	(370)	
461	1,3,5-trimethylbenzene	108-67-8	1976	0/20		---	(0.1)	0/20		---	(0.01)									461
			1998													A R74238/3	13/13	90 - 5400ng/m3	(40)	
462	2,2,4-trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	1995	5/165		0.10 - 0.16	(0.1)	6/168		0.023 - 0.095	(0.02)	18/156		0.0063 - 0.044	(0.0062)					462
463	trimellitic acid	528-44-9	1986	0/30		---	(1)	0/30		---	(0.03)									463
464	o-tolylamine	95-53-4	1976	8/68		0.14 - 20	(0.1 - 0.6)	27/68		0.002 - 0.013	(0.002 - 0.012)									464
			1985													A 0/72		--- ng/m3	(0.05 - 150)	
			1998	0/39	0/13	---	(0.08)	7/36	3/12	0.0054 - 0.0074	(0.0043)									
465	m-toluamine	108-44-1	1976	4/68		0.096 - 0.26	(0.08 - 0.2)	32/68		0.002 - 0.056	(0.001 - 0.004)									465
			1985													A 0/72		--- ng/m3	(0.02 - 100)	
			1998	0/39	0/13	---	(0.2)	0/39	0/13	---	(0.01)									

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
466	p-toluidine	106-49-0	1976	11/68		0.032 - 0.18	(0.02 - 0.2)	35/68		0.0007 - 0.090	(0.0004 - 0.0008)									466
			1985													A 0/72		--- ng/m3	(0.02 - 50)	
			1998	0/39	0/13	---	(0.09)	0/36	0/12	---	(0.007)									
467	p-toluidine-2-sulfonic acid	88-44-8	1980	0/24		---	(10 - 200)	0/24		---	(0.5 - 11)									467
468	2,3-tolylenediamine	2687-25-4	1978	0/24		---	(1 - 20)	0/24		---	(0.7 - 1.1)									468
469	2,4-tolylenediamine	95-80-7	1978	0/24		---	(2 - 5)	0/24		---	(1.0 - 2.2)									469
			1990													A 0/51		--- ng/m3	(270)	
470	2,6-tolylenediamine	823-40-5	1990													A 0/51		--- ng/m3	(270)	470
471	toluene	108-88-3	1977	0/ 3		---	(2)	0/ 3		---	(0.004)									471
			1985	9/21		0.10 - 0.23	(0.06)	9/21		0.0004 - 0.010	(0.0004)									
			1986	29/91		0.03 - 2.7	(0.03)	46/87		0.0005 - 0.044	(0.0005)	31/105		0.003 - 0.020	(0.003)					
			1998													A 42/42	14/14	1100 - 85000ng/m3	(80)	
472	p-toluenesulfonyl chloride	98-59-9	1977	0/ 6		---	(4 - 10)	0/ 6		---	(0.1 - 0.25)									472
473	o-toluenesulfonamide	88-19-7	1977	0/ 6		---	(10)	0/ 6		---	(0.005 - 0.048)									473
			1992	6/84		0.27 - 0.67	(0.2)	6/84		0.0089 - 0.045	(0.008)									
474	p-toluenesulfonamide	70-55-3	1992	9/162		0.52 - 0.84	(0.3)	26/162		0.0085 - 0.854	(0.0083)									474
475	naphthalene	91-20-3	1976	0/20		---	(0.1)	0/20		---	(0.01)									475
476	1-naphthaleneacetic acid	86-87-3	1984	0/27		---	(0.02 - 0.05)	0/27		---	(0.002 - 0.0063)									476
477	beta-naphthalenesulfonic acid, formalic condensed, sodium salt		1979	0/21		---	(10 - 100)	0/27		---	(0.2 - 30)									477
478	1-naphthylamine	134-32-7	1976	0/60		---	(0.1 - 0.7)	7/60		0.007 - 0.046	(0.003 - 0.01)									478
			1979	0/111		---	(0.014 - 5)	3/111		0.0050 - 0.0055	(0.004 - 0.01)	0/93		---	(0.0007 - 0.05)					
			1985					0/147		---	(0.002)									
479	2-naphthylamine	91-59-8	1983	0/48		---	(0.02 - 0.1)	5/48		0.0017 - 0.0079	(0.0015 - 0.04)									479
			1985					6/147		0.0023 - 0.051	(0.002)									
480	1,4-naphthoquinone	130-15-4	1985	0/30		---	(4)	0/30		---	(0.05)									480
481	1-naphthol	90-15-3	1977	0/ 6		---	(0.4 - 4.5)	0/ 6		---	(0.04 - 0.29)									481
482	2-naphthol	135-19-3	1977	0/ 6		---	(0.4 - 6)	0/ 6		---	(0.04 - 0.39)									482
483	nitrilotriacetic acid	139-13-9	1980	2/36		1	(1)	3/36		0.011 - 0.013	(0.005 - 0.02)									483
			1994	1/21		5	(5)	0/21		---	(0.2)	0/18		---	(0.5)					

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
484	3-nitroacenaphthene	3807-77-0	1984	0/21		---	(0.007 - 0.02)	0/21		---	(0.002 - 0.0071)									484
485	5-nitroacenaphthene	602-87-9	1984	0/21		---	(0.008 - 0.02)	0/21		---	(0.003 - 0.012)									485
486	o-nitroanisole	91-23-6	1976	3/70		0.035 - 0.69	(0.025 - 0.4)	1/58		0.010	(0.001 - 0.010)	0/10		---	(0.002)					486
			1991	0/57		---	(0.37)	1/51		0.027	(0.016)	2/57		0.016 - 0.018	(0.015)					
487	m-nitroanisole	555-03-3	1976	5/62		0.1 - 1.6	(0.05 - 0.1)	1/50		0.015	(0.003 - 0.004)	0/10		---	(0.002)					487
488	p-nitroanisole	100-17-4	1976	0/70		---	(0.08 - 0.2)	0/59		---	(0.006 - 0.02)	1/10		0.013	(0.006)					488
			1991	0/57		---	(0.25)	0/57		---	(0.015)									
489	o-nitroaniline	88-74-4	1978	0/24		---	(0.2 - 0.5)	0/15		---	(0.007 - 0.0167)									489
			1990	0/69		---	(0.19)	0/75		---	(0.04)	0/72		---	(0.014)					
490	m-nitroaniline	99-09-2	1978	0/24		---	(0.3 - 1)	0/15		---	(0.01 - 0.033)									490
491	p-nitroaniline	100-01-6	1978	0/24		---	(0.7 - 1)	0/15		---	(0.02 - 0.033)									491
			1990	0/66		---	(1.5)	0/66		---	(0.18)	0/63		---	(0.062)					
492	m-nitrobenzoic acid	121-92-6	1985	0/33		---	(10)	0/33		---	(0.05)									492
493	nitroethane	79-24-3	1986	0/27		---	(3)	0/27		---	(0.09)									493
494	N-nitrosodiethanolamine	1116-54-7	1994													A 0/30		--- ng/m3	(220)	494
495	N-nitrosodiethylamine	55-18-5	1981	0/36		---	(0.3 - 1)	0/36		---	(0.02 - 0.05)									495
496	4-nitrosodiphenylamine	156-10-5	1977	0/ 6		---	(1 - 5)	0/ 6		---	(0.25 - 1)									496
497	N-nitrosodiphenylamine	86-30-6	1990	2/81		0.5 - 0.9	(0.3)	0/81		---	(0.06)	1/51		0.002	(0.002)					497
498	N-nitrosodimethylamine	62-75-9	1981	0/36		---	(0.2 - 2)	0/36		---	(0.01 - 0.05)									498
499	o-nitrotoluene	88-72-2	1976	3/70		0.15 - 0.79	(0.03 - 0.2)	16/50		0.0034 - 0.14	(0.0002 - 0.002)	0/10		---	(0.002)					499
			1986													A 1/73		44ng/m^3	(20)	
			1991	0/57		---	(0.2)	0/57		---	(0.031)	0/57		---	(0.0075)	A 2/54		130 - 200ng/m3	(70)	
500	m-nitrotoluene	99-08-1	1976	3/70		0.35 - 0.86	(0.05 - 0.2)	21/50		0.014 - 0.019	(0.004 - 0.01)	0/10		---	(0.004)					500
			1986													A 0/73		--- ng/m3	(20)	
			1991	0/57		---	(0.2)	0/57		---	(0.017)	0/57		---	(0.0075)					
501	p-nitrotoluene	99-99-0	1976	1/70		0.1	(0.03 - 0.4)	3/59		0.011 - 0.038	(0.002 - 0.01)	0/10		---	(0.002)					501
			1986													A 0/73		--- ng/m3	(20)	
			1991	1/57		0.21	(0.2)	0/57		---	(0.015)	0/57		---	(0.0075)					
502	1-nitronaphthalene	86-57-7	1980	0/33		---	(0.002 - 0.05)	0/33		---	(0.00004 - 0.0013)									502
503	1-nitropyrene	5522-43-0	1990	0/159		---	(0.2)	0/159		---	(0.03)	0/147		---	(0.068)	A 38/46		0.0014 - 0.15ng/m3	(0.001)	503

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
504	o-nitrophenol	88-75-5	1978	0/30		---	(0.4 - 10)	0/30		---	(0.03 - 0.5)									504
			1979	0/111		---	(0.1 - 5)	0/111		---	(0.01 - 0.76)	0/93		---	(0.01 - 0.3)					
			1994	0/36		---	(0.26)	0/36		---	(0.0026)	1/36		0.0084	(0.005)	A 22/27		1 - 140ng/m3	(1)	
505	m-nitrophenol	554-84-7	1978	0/30		---	(0.08 - 10)	0/30		---	(0.006 - 0.5)									505
			1979	0/111		---	(0.04 - 5)	0/111		---	(0.002 - 0.2)	0/93		---	(0.01 - 0.2)					
			1994	0/36		---	(0.4)	0/36		---	(0.0047)	0/36		---	(0.01)	A 0/27		--- ng/m3	(8)	
506	p-nitrophenol	100-02-7	1978	1/30		0.13	(0.08 - 10)	0/30		---	(0.02 - 0.5)									506
			1979	0/111		---	(0.04 - 5)	0/111		---	(0.002 - 0.8)	0/93		---	(0.01 - 0.2)					
			1994	0/36		---	(0.6)	0/36		---	(0.0052)	0/36		---	(0.005)	A 27/27		1 - 71 ng/m3	(1)	
507	3-nitrofluoranthene	892-21-7	1990	0/159		---	(0.2)	0/159		---	(0.04)	0/144		---	(0.05)	A 10/42		0.013 - 0.19ng/m3	(0.012)	507
508	1-nitropropane	108-03-2	1979	0/18		---	(50 - 200)	0/18		---	(0.8 - 1.0)									508
			1986	0/27		---	(3)	0/27		---	(0.4)									
509	2-nitropropane	79-46-9	1979	0/18		---	(50 - 200)	0/18		---	(0.3 - 1.0)									509
			1986	0/27		---	(3)	0/27		---	(0.2)									
510	nitrobenzene	98-95-3	1976	27/70		0.1 - 1.4	(0.03 - 0.4)	15/47		0.0095 - 1.9	(0.002 - 0.0035)	10/10		0.003 - 0.58	(---)					510
			1977	22/115		0.13 - 3.8	(0.1 - 30)	19/117		0.009 - 1.5	(0.001 - 1)	9/85		0.003 - 0.005	(0.001 - 0.2)					
			1986													A 1/73		140ng/m^3	(100)	
			1991	1/153		0.17	(0.15)	2/162		0.047 - 0.07	(0.023)	4/147		0.011 - 0.026	(0.0087)	A 42/49		2.2 - 160ng/m3	(2)	
511	m-nitrobenzenesulfonic acid, sodium salt	127-68-4	1977	0/ 6		---	(6.6 - 10)	0/ 6		---	(0.5 - 0.78)									511
512	5-nitrobenzimidazole	94-52-0	1985	0/30		---	(0.7)	0/30		---	(0.2)									512
513	nitromethane	75-52-5	1986	0/27		---	(1)	0/27		---	(0.06)									513
514	2-nitro-4-methylphenol	119-33-5	1984	0/21		---	(0.1 - 0.3)	0/21		---	(0.01 - 0.054)									514
515	3-nitro-4-methylphenol	2042-14-0	1984	0/21		---	(0.06 - 0.2)	0/21		---	(0.006 - 0.030)									515
516	4-nitro-3-methylphenol	2581-34-2	1984	0/21		---	(0.06 - 0.2)	0/21		---	(0.006 - 0.028)									516
517	5-nitro-2-methylphenol	5428-54-6	1984	0/21		---	(0.08 - 0.2)	0/21		---	(0.008 - 0.039)									517
518	carbon disulfide	75-15-0	1977	0/ 6		---	(0.056 - 0.1)	0/ 6		---	(0.0015 - 0.01)									518
			1992													A 5/51		530 - 1,900ng/m3	(500)	
519	neopentyl glycol	126-30-7	1977	0/ 6		---	(200 - 400)	0/ 6		---	(2)									519
520	nereistoxin	1631-58-9	1993	0/30		---	(0.2)	0/30		---	(0.024)	0/30		---	(0.01)					520

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
521	cis-nonachlor	5103-73-1	1982	0/126		---	(0.005)	43/126		0.0002 - 0.022	(0.0002 - 0.001)	76/123		0.001 - 0.023	(0.001)					521
			1986													A 0/73		--- ng/m3	(0.7)	
522	trans-nonachlor	39765-80-5	1982	0/126		---	(0.005)	68/126		0.0002 - 0.055	(0.0002 - 0.001)	102/123		0.001 - 0.074	(0.001)					522
			1986													A 16/73		0.52 - 2.8ng/m3	(0.5)	
523	nonanol	143-08-8, 28473-21-4	1979	0/27		---	(5 - 50)	0/27		---	(0.3 - 1)									523
			1995	0/33		---	(4)	3/30		0.304 - 0.392	(0.1)					A 14/18		8.7 - 81ng/m3	(6)	
524	nonylphenol	25154-52-3	1976	0/ 8		---	(5)	0/ 8		---	(0.25)									524
			1977	0/ 3		---	(0.4)	3/ 3		0.05 - 0.07	(---)									
			1997	0/123		---	(1.1)	43/129		0.17 - 1.3	(0.15)									
525	picric acid	88-89-1	1980	0/ 9		---	(1)	0/ 9		---	(0.1 - 0.23)									525
526	4,4'-bis(4-anilino-6-morpholino-1,3,5-triazine-2-yl)aminostylbene-2,2'-disulfonic acid disodium salt	16090-02-1	1982	0/45		---	(0.6 - 2)	13/45		0.04 - 0.2	(0.05 - 0.12)									526
527	2,4-bis(ethylamino)-6-methylthio-1,3,5-triazine	1014-70-6	1992	6/78		0.1 - 0.27	(0.05)	2/78		0.016 - 0.023	(0.011)	0/75		---	(0.0078)					527
528	bis(2-chloroisopropyl) ether	108-60-1	1984	0/24		---	(0.1)	0/24		---	(0.003 - 0.015)									528
529	bis(2-chloroethyl) ether	111-44-4	1977	0/ 6		---	(2 - 5)	0/ 6		---	(0.5 - 0.6)									529
			1984	0/24		---	(0.07 - 0.1)	0/24		---	(0.003 - 0.008)									
			1995	6/27		0.03 - 0.071	(0.02)	0/33		---	(0.01)	0/33		---	(0.6)					
			1996													A 0/18		--- ng/m3	(56)	
530	1,1-bis(p-chlorophenyl)-2,2,2-trichloroethanol	115-32-2	1978	0/24		---	(0.02 - 0.2)	0/24		---	(0.003 - 0.011)									530
531	4,4'-bis(dimethylaminophenyl)methane	101-61-1	1986	0/30		---	(2)	0/24		---	(0.05)									531
532	4,4'-bis(dimethylamino)benzophenone	90-94-8	1985	0/24		---	(0.5)	0/24		---	(0.02)									532
533	4,4'-bis(2-sulfostylyl)biphenyl disodium salt	27344-41-8	1982	15/45		0.1 - 0.7	(0.1 - 0.2)	25/45		0.01 - 2.1	(0.005 - 0.04)									533
534	bis(2,3,3,3-tetrachloropropyl) ether	127-90-2	1981	0/24		---	(0.01 - 0.025)	0/24		---	(0.001 - 0.0029)									534
			1984	0/24		---	(0.001 - 0.002)	0/24		---	(0.00005 - 0.00023)									

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
535	bis(tribromophenoxy) ethane	37853-59-1	1987	0/75		---	(0.04)	6/60		0.0032 - 0.366	(0.003)	0/75		---	(0.002)					535
536	2,2-bis[4-(2-hydroxyethoxy)-3,5-dibromophenyl]propane	4162-45-2	1986	2/30		0.02 - 0.04	(0.02)	0/30		---	(0.02)									536
537	2,2-bis(4-hydroxyphenyl)propane	80-05-7	1976	0/60		---	(0.05 - 0.1)	0/50		---	(0.0002 - 0.005)	0/10		---	(0.005)					537
			1996	41/148		0.010 - 0.268	(0.01)	79/163		0.0059 - 0.60	(0.005)	7/159		0.015 - 0.287	(0.013)	A 0/18		--- ng/m3	(24)	
538	1,1-bis(t-butylperoxy)-3,3,5-trimethylcyclohexane	6731-36-8	1989	0/69		---	(0.2)	0/69		---	(0.028)	0/63		---	(0.01)					538
			1995	0/33		---	(0.03)	0/3		---	(0.011)	0/33		---	(0.005)					
539	bis(4-bromophenyl)ether	2050-47-7	1984	0/27		---	(0.01 - 0.03)	0/27		---	(0.00005 - 0.013)									539
540	hydrazine	302-01-2	1986	0/30		---	(2)	0/30		---	(0.2)									540
541	2-(2'-hydroxy-3',5'-di-tert-buthylphenyl)-5-chlorobenzotriazol	3864-99-1	1980	0/33		---	(0.4 - 5)	0/33		---	(0.02 - 1)									541
542	2-hydroxy-3-naphthoic aicd anilide	92-77-3	1984	0/24		---	(0.1 - 0.4)	0/24		---	(0.01 - 0.03)									542
543	2-hydroxy-3-naphthoyl-3-chloro-4,6-dimethoxyanilide	92-72-8	1984	0/24		---	(0.1 - 0.4)	0/24		---	(0.01 - 0.04)									543
544	2-hydroxy-3-naphthoyl-4-chloro-2-methylanilide	92-76-2	1984	0/24		---	(0.1 - 0.4)	0/24		---	(0.01 - 0.03)									544
545	2-hydroxy-3-naphthoyl-5-chloro-2-methoxyanilide	137-52-0	1984	0/24		---	(0.1 - 0.4)	0/24		---	(0.01 - 0.03)									545
546	2-hydroxy-3-naphthoyl-3-nitroanilide	135-65-9	1984	0/24		---	(0.1 - 0.4)	0/24		---	(0.01 - 0.03)									546
547	hydrokinone	123-31-9	1996	0/168		---	(0.36)	36/164		0.02 - 0.76	(0.017)									547
548	2-vinylpyridine	100-69-6	1991													A 7/50		17 - 30ng/m3	(16)	548
549	biphenyl	92-52-4	1976	0/68		---	(0.2 - 10)	0 /50		---	(0.05 - 1.0)	0/20		---	(0.04 - 0.25)					549
550	piperazine	110-85-0	1986	0/30		---	(30)	1/24		0.07	(0.03)									550
551	piperidine	110-89-4	1986	0/30		---	(10)	0/24		---	(0.03)									551
552	piperophos	24151-93-7	1993													A 0/54		--- ng/m3	(54)	552
553	pyridine	110-86-1	1980	2/ 9		0.3 - 0.4	(0.1 - 0.2)	6/ 9		0.006 - 0.031	(0.002 - 0.01)									553
			1991	6/36		0.13 - 0.2	(0.1)	18/39		0.0068 - 0.11	(0.005)	19/39		0.0045 - 0.075	(0.003)	A 22/49		24 - 90ng/m3	(24)	
			1997													A 43/53		10 - 210ng/m3	(10)	
			1998	6/33	2/11	0.29 - 0.41	(0.1)	6/33	2/11	0.013 - 0.019	(0.0092)									

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
554	pyrene	129-00-0	1989	8/69		0.01 - 0.065	(0.009)	68/71		0.02 - 3.9	(0.006)	10/63		0.0013 - 0.0096	(0.001)	A 39/39		0.26 - 9.07ng/m3	(0.2)	554
555	pyrrolidine	123-75-1	1986	0/30		---	(10)	0/24		---	(0.03)									555
556	pyrrole	109-97-7	1981	0/24		---	(2 - 5)	0/24		---	(0.03 - 0.1)									556
557	phenanthrene	85-01-8	1977	0/ 9		---	(0.02 - 5)	9/ 9		0.009 - 2.8	(---)									557
558	1-phenyl-1-(2,4-dimethylphenyl)ethane	6165-52-2	1980	0/120		---	(0.005 - 20)	3/120		0.022 - 0.027	(0.002 - 1.0)	0/108		---	(0.001 - 2.5)					558
559	1-phenyl-1-(3,4-dimethylphenyl)ethane	6196-95-8	1975	0/100		---	(0.13 - 5)	13/100		0.028 - 0.31	(0.025 - 0.25)	0/94		---	(0.02 - 0.25)					559
			1977	0/117		---	(0.01 - 5)	12/117		0.002 - 0.03	(0.0013 - 0.3)	14/98		0.00052 - 3.0	(0.0002 - 0.8)					
			1980	0/120		---	(0.005 - 20)	3/120		0.019 - 0.027	(0.002 - 1.0)	0/108		---	(0.001 - 2.5)					
560	phenyltin compounds		1989	14/67		0.03 - 47.3	(0.03)	28/55		0.019 - 1.1	(0.015)	28/54		0.015 - 1.1	(0.015)					560
			1998	0/156	0/52	---	(0.01)	31/134	14/46	0.016 - 0.76	(0.016)									
561	N-phenyl-1-naphthylamine	90-30-2	1980	0/36		---	(0.025 - 0.1)	9/36		0.0044 - 0.04	(0.0013 - 0.02)									561
			1981	0/126		---	(0.1)	0/126		---	(0.005)	0/123		---	(0.005)					
562	N-phenyl-2-naphthylamine	135-88-6	1976	0/50		---	(3 - 40)	0/40		---	(0.13 - 0.8)	0/20		---	(0.3 - 1.0)					562
			1980	0/36		---	(0.025 - 0.1)	10/36		0.0045 - 0.042	(0.0013 - 0.02)									
			1981	0/126		---	(0.1)	27/126		0.005 - 0.074	(0.005)	0/123		---	(0.005)					
563	phenylhydrazine	100-63-0	1986	0/30		---	(2)	0/30		---	(0.2)									563
564	o-phenylphenol	90-43-7	1978	0/30		---	(0.02 - 12.5)	0/30		---	(0.02 - 0.68)									564
565	m-phenylphenol	580-51-8	1978	0/30		---	(0.02 - 50)	0/30		---	(0.06 - 2.5)									565
566	p-phenylphenol	92-69-3	1978	0/30		---	(0.02 - 50)	0/30		---	(0.06 - 2.5)									566
567	o-phenylenediamine	95-54-5	1978	0/24		---	(5 - 20)	0/24		---	(1.0 - 2.2)									567
568	m-phenylenediamine	108-45-2	1978	0/24		---	(5 - 20)	0/24		---	(1.0 - 2.2)									568
569	p-phenylenediamine	106-50-3	1978	0/24		---	(5 - 20)	0/24		---	(1.0 - 2.2)									569
570	phenothiazine	92-84-2	1986	0/24		---	(0.5)	0/24		---	(1.5)									570
571	phenol	108-95-2	1977	0/ 9		---	(0.2 - 10)	3/ 9		0.03 - 0.04	(0.01 - 0.1)									571
			1996	76/136		0.030 - 1.47	(0.03)	110/129		0.0055 - 0.94	(0.0054)	63/133		0.020 - 0.586	(0.02)	A 40/47		50.1 - 760ng/m3	(50)	
			1998	15/30	5/10	0.066 - 0.7	(0.03)	23/29	8/10	0.012 - 0.5	(0.0054)	16/30	8/11	0.024 - 0.062	(0.02)					
572	fenthion	55-38-9	1993	0/51		---	(0.2)	0/51		---	(0.033)	0/51		---	(0.05)	A 0/54		--- ng/m3	(15)	572
573	fthalide	27355-22-2	1996	0/33		---	(0.05)	0/33		---	(0.02)									573
574	butachlor	23184-66-9	1994	0/39		---	(0.02)	0/39		---	(0.0044)	0/39		---	(0.002)					574
575	butadiene	106-99-0	1977	0/ 6		---	(0.1 - 5)	0/ 6		---	(0.0005 - 0.005)									575

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				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
576	n-butanol	71-36-3	1979	0/30		---	(100 - 1,000)	0/30		---	(1.0 - 10.0)									576
			1995	2/33		2.3 - 3.7	(2)	4/33		0.14 - 0.78						A 9/15		51 - 1,300ng/m3	(50)	
577	s-butanol	78-92-2	1979	0/30		---	(100 - 1,000)	0/30		---	(1.0 - 10.0)									577
			1995	0/33		---	(10)	2/33		0.029 - 0.049	(0.021)									
578	t-butanol	75-65-0	1979	0/30		---	(100 - 1,000)	0/30		---	(1.0 - 10.0)									578
			1995	0/33		---	(2)	0/33		---						A 12/14		20 - 250ng/m3	(20)	
579	phthalic acid	88-99-3	1983	0/24		---	(1 - 20)	0/24		---	(0.02 - 0.1)									579
580	phthalate esters		1975	54/115		0.0079 - 77	(0.0079 - 10)													580
581	diallyl phthalate	131-17-9	1985	0/27		---	(0.2)	0/27		---	(0.02)									581
582	diethyl phthalate	84-66-2	1985	0/27		---	(0.2)	0/27		---	(0.02)									582
583	di-2-ethylhexyl phthalate	117-81-7	1974	176/375		0.08 - 15	(0.01 - 2)	224/370		0.003 - 17	(0.003 - 0.2)	92/332		0.01 - 19	(0.02 - 1.0)	R 69/111		0.00006 - 0.018ppm	(0.00006 - 0.002)	583
			1974													P 1/4		6.3ppm	(0.05)	
			1975	58/115		0.02 - 1.1	(0.01 - 3)													
			1982	29/45		0.1 - 0.8	(0.04 - 0.15)	45/45		0.009 - 3.5	(0.001 - 0.007)									
			1985													A 59/62		38 - 790ng/m3	(5 - 50)	
			1996	4/33		4.3 - 6.8	(3.9)	16/33		0.18 - 22	(0.15)	9/27		0.15 - 0.96	(0.026)	A 11/18		8 - 323ng/m3	(6)	
584	di-n-octyl phthalate	117-84-0	1974	4/355		1 - 41	(0.05 - 50)	3/331		0.72 - 44	(0.00005 - 5)	0/292		---	(0.00005 - 25)	R 1/105		0.012ppm	(0.0005 - 0.050)	584
			1974													P 0/4		--- ppm	(0.01 - 10)	
			1982	0/45		---	(0.05 - 0.5)	0/45		---	(0.002 - 0.02)									
			1996	0/33		---	(0.2)	3/33		0.28 - 1.41	(0.13)					A 0/18		--- ng/m3	(12)	
585	dicyclohexyl phthalate	84-61-7	1985	0/27		---	(0.4)	0/27		---	(0.05)									585
586	di-i-decyl phthalate	26761-40-0	1974	0/250		---	(0.05 - 10)	0/227		---	(0.00006 - 3.1)	0/200		---	(0.00005 - 5.0)	R 0/73		--- ppm	(0.00006 - 0.010)	586
			1974													P 0/2		--- ppm	(0.01)	
587	diisononyl phthalate	28553-12-0	1996	0/33		---	(4)	0/33		---	(3.5)					A 0/18		--- ng/m3	(72)	587
588	di-i-butyl phthalate	84-69-5	1974	38/375		0.16 - 1.2	(0.01 - 1)	57/350		0.00075 - 3.8	(0.00005 - 0.1)	22/312		0.15 - 0.47	(0.00005 - 0.2)	R 11/111		0.00015 - 0.034ppm	(0.00005 - 0.001)	588
			1974													P 0/4		--- ppm	(0.01 - 5)	
			1996	0/33		---	(0.2)	0/33		---	(0.026)					A 1/18		3.3ng/m^3	(2.5)	

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				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
589	di-n-butyl phthalate	84-74-2	1974	208/375		0.05 - 36	(0.05 - 40)	154/370		0.001 - 2.3	(0.001 - 0.28)	114/332		0.013 - 2.0	(0.01 - 0.87)	R 68/111		0.00013 - 0.052ppm	(0.0001 - 0.004)	589
			1974													P 0/4		--- ppm	(0.1 - 5)	
			1975	75/115		0.013 - 21	(0.01 - 3)													
			1982	42/45		0.06 - 1.5	(0.03 - 0.1)	39/45		0.0097 - 0.14	(0.0007 - 0.005)									
			1985													A 56/63		17 - 370ng/m3	(5 - 70)	
			1996	5/30		0.21 - 1.4	(0.2)	7/30		0.15 - 0.58	(0.14)	9/30		0.05 - 0.30	(0.04)	A 13/15		10 - 140ng/m3	(10)	
590	di-i-heptyl phthalate	41451-28-9	1974	23/375		0.12 - 1.1	(0.05 - 10)	30/350		0.008 - 6.5	(0.00005 - 1)	13/312		0.14 - 0.36	(0.00005 - 5.0)	R 22/111		0.00016 - 0.0085ppm	(0.00005 - 0.010)	590
			1974													P 0/4		--- ppm	(0.01 - 10)	
591	di-n-heptyl phthalate	3648-21-3	1982	3/45		0.2 - 0.4	(0.1 - 0.2)	7/45		0.071 - 0.30	(0.003 - 0.01)									591
			1996	0/33		---	(1)	0/33		---	(1.5)					A 3/15		10 - 17ng/m3	(6)	
592	dimethyl phthalate	131-11-3	1985	0/27		---	(0.1)	0/27		---	(0.01)									592
593	dilauryl phthalate	2432-90-8	1985	0/27		---	(2)	0/27		---	(0.1)									593
594	benzyl butyl phthalate	85-68-7	1985	0/27		---	(0.1)	2/27		0.013 - 0.016	(0.01)									594
595	o-phthalonitrile	91-15-6	1977	0/ 6		---	(1 - 5)	0/ 6		---	(0.1 - 1)									595
596	1,2-butanediol	584-03-2	1995	0/33		---	(0.2)	3/33		0.009 - 0.013	(0.0061)									596
597	1,3-butanediol	107-88-0	1986	0/24		---	(0.3)	0/24		---	(0.03)									597
598	1,4-butanediol	110-63-4	1986	0/24		---	(2)	0/24		---	(0.09)									598
599	4,4'-butylidene bis(6-tert-butyl-3-methylphenol)	85-60-9	1981	0/21		---	(0.1 - 1)	0/21		---	(0.01 - 0.06)									599
600	n-butylamine	109-73-9	1981	0/27		---	(2 - 4)	0/27		---	(0.005 - 0.04)									600
601	p-t-butylbenzoic acid	98-73-7	1985	0/33		---	(4)	6/24		0.02 - 0.05	(0.02)									601
			1986	2/105		0.2 - 0.3	(0.2)	2/138		0.02 - 0.021	(0.02)	7/108		0.005 - 0.047	(0.005)					
			1996	2/33		0.2 - 0.6	(0.2)	8/33		0.021 - 0.06	(0.02)									
602	N-tert-butyl-2-benzothiazolesulfenamide	95-31-8	1998	0/39	0/13	---	(0.1)	0/36	0/12	---	(0.0047)									602
603	6-t-butyl-2,4-xylenol	1879-09-0	1997	0/165		---	(0.5)													603
604	2-t-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-1,3,4-oxadiazoline-5-one	19666-30-9	1981	0/15		---	(0.001 - 0.2)	0/15		---	(0.001 - 0.02)									604
605	butylnaphthalenesulfonic acid	25638-17-9	1981	0/18		---	(0.5 - 15)	0/18		---	(0.025 - 3.2)									605
606	p-t-butylhydroxyphenol	1948-33-0	1980	0/42		---	(0.2 - 20)	0/42		---	(0.008 - 1.0)									606

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				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
607	p-t-butylphenol	98-54-4	1976	0/68		---	(0.2 - 5)	0/68		---	(0.01 - 0.25)									607
			1996	0/168		---	(0.714)	0/168		---	(0.1)					A 0/18		--- ng/m3	(11)	
			1997	6/141		0.1	(0.08)	0/168		---	(0.04)									
608	2-t-butyl-4-methoxyphenol	121-00-6	1980	0/39		---	(0.03 - 10)	0/39		---	(0.0027 - 0.2)									608
609	2-butoxyethanol	111-76-2	1976	0/60		---	(90 - 100)	0/20		---	(0.4)									609
			1995	1/168		2.2	(2)	0/168		---	(0.22)									
610	1-n-butoxy-2,3-epoxypropane	2426-08-6	1984	0/24		---	(0.5 - 0.7)	0/24		---	(0.006 - 0.019)									610
611	fumaric acid	110-17-8	1983	0/24		---	(1 - 50)	0/24		---	(0.02 - 0.25)									611
612	fluorene	86-73-7	1983	0/33		---	(0.03 - 0.4)	27/33		0.003 - 0.091	(0.003 - 0.041)									612
			1984	8/138		0.07 - 2.5	(0.006 - 1)	94/138		0.0010 - 0.13	(0.0001 - 0.088)	26/138		0.001 - 0.37	(0.0003 - 0.05)					
613	diisopropyl phosphofluoridate	55-91-4	1993													A 0/48		--- ng/m3	(15)	613
614	furfural	98-01-1	1996	0/33		---	(0.4)									A 6/15		42 - 120ng/m3	(40)	614
615	1-propanol	71-23-8	1995	0/33		---	(3)	4/33		0.11 - 0.14	(0.09)					A 1/18		210ng/m^3	(200)	615
616	2-propanol	67-63-0	1995	0/33		---	(8)	4/33		0.5 - 2.64	(0.27)					A 16/18		90 - 10,000ng/m3	(50)	616
617	n-propanolamine	156-87-6	1980	0/27		---	(2.5 - 270)	0/27		---	(0.005 - 1.4)									617
618	1,2-propanediol	57-55-6	1977	0/ 6		---	(300 - 400)	0/ 6		---	(2 - 3)									618
			1986	12/24		0.2 - 0.8	(0.2)	4/24		0.020 - 0.022	(0.02)									
619	propionitrile	107-12-0	1987	0/75		---	(0.7)	0/75		---	(0.006)					A 0/61		--- ng/m3	(200)	619
620	propionaldehyde	123-38-6	1987	0/75		---	(0.5)									A 23/66		810 - 14,000ng/m3	(800)	620
621	n-propylamine	107-10-8	1980	0/27		---	(0.5 - 33)	0/27		---	(0.001 - 0.18)									621
622	propylene	115-07-1	1977	2/ 6		0.1	(0.05 - 5)	0/ 6		---	(0.0002 - 0.005)									622
623	propyleneimine	75-55-8	1986	0/30		---	(50)	0/24		---	(0.05)									623
624	propylene oxide	75-56-9	1980	0/36		---	(0.2 - 5)	0/12		---	(0.002 - 0.004)									624
			1996													A 30/46		16 - 210ng/m3	(16)	
625	2-propen-1-ol	107-18-6	1995													A 3/15		50 - 60ng/m3	(50)	625
626	o-bromoaniline	615-36-1	1984	0/18		---	(0.003 - 0.1)	0/18		---	(0.0001 - 0.012)									626
627	m-bromoaniline	591-19-5	1984	0/18		---	(0.006 - 0.1)	0/18		---	(0.0004 - 0.012)									627
628	p-bromoaniline	106-40-1	1984	0/18		---	(0.006 - 0.1)	0/18		---	(0.0004 - 0.012)									628

Surveyed Chemical Substances and their Detected Levels in the Environment
(A Cumulative List for Fiscal Year 1974 - 1998)

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
629	bromochloromethane	74-97-5	1976	0/60		---	(0.2 - 1)	0/40		---	(0.005 - 0.065)	0/20		---	(0.005 - 0.01)					629
630	beta-bromostyrene	103-64-0	1985	0/30		---	(0.05)	0/30		---	(0.003)									630
631	4-bromophenyl phenyl ether	101-55-3	1984	0/27		---	(0.15 - 0.5)	0/27		---	(0.0025 - 0.12)									631
632	o-bromophenol	95-56-7	1983	0/33		---	(0.08 - 0.1)	0/33		---	(0.001 - 0.005)									632
633	m-bromophenol	591-20-8	1983	0/33		---	(0.4)	0/33		---	(0.001 - 0.02)									633
634	p-bromophenol	106-41-2	1983	0/33		---	(0.4)	5/33		0.02 - 0.03	(0.001 - 0.02)									634
			1996	0/33		---	(0.07)	0/33		---	(0.011)									
635	1-bromobutane	109-65-9	1981	0/15		---	(3)	0/15		---	(0.012 - 0.02)									635
636	1-bromopropane	106-94-5	1981	0/15		---	(2 - 3)	0/15		---	(0.009 - 0.02)									636
637	2-bromopropane	75-26-3	1997	0/36		---	(0.01)	0/36		---	(0.028)					A 0/57		--- ng/m3	(200)	637
			1998													A 0/39	0/13	--- ng/m3	(170)	
638	bromobenzene	108-86-1	1981	0/12		---	(10)	0/12		---	(0.2)									638
639	fluorobenzene	462-06-6	1984	0/27		---	(0.01 - 0.04)	0/27		---	(0.00009 - 0.0010)									639
640	basic green 4	569-64-2	1985	0/33		---	(2)	0/27		---	(0.2)									640
641	basic violet 10	81-88-9	1986	0/27		---	(0.2)	0/27		---	(0.02)									641
642	hexachloroethane	67-72-1	1976	0/60		---	(0.1 - 5)	0/40		---	(0.01 - 0.3)	0/10		---	(0.3)					642
643	alpha-hexachlorocyclohexane	319-84-6	1974	3/60		0.1	(0.1)	5/60		0.01	(0.01)	16/60		0.005 - 0.015	(0.005)					643
644	beta-hexachlorocyclohexane	319-85-7	1974	0/60		---	(0.1)	9/60		0.03 - 0.05	(0.01)	2/60		0.005 - 0.007	(0.005)					644
645	gamma-hexachlorocyclohexane	58-89-9	1974	0/60		---	(0.1)	9/60		0.01	(0.01)	2/60		0.007 - 0.013	(0.005)					645
646	delta-hexachlorocyclohexane	319-86-8	1974	0/60		---	(0.1)	4/60		0.01	(0.01)	0/60		---	(0.005)					646
647	hexachlorocyclopentadiene	77-47-4	1981	0/18		---	(0.2)	0/18		---	(0.02 - 20)									647
648	hexachlorophene	70-30-4	1981	0/33		---	(0.005 - 5)	33/33		0.005 - 0.42	(0.003)									648
			1982	0/126		---	(0.005)	45/126		0.006 - 0.500	(0.002 - 0.003)	0/126		---	(0.003)					
			1996	0/33		---	(0.05)	0/33		---	(0.015)									
649	hexachloro-1,3-butadiene	87-68-3	1981	0/18		---	(0.02)	0/18		---	(0.002 - 2)									649
650	hexachlorohexahydromethanobenzodioxathiepin oxide	115-29-7 959-98-8 33213-65-9	1982	0/39		---	(0.004 - 0.025)* (0.014 - 0.06)	0/39		---	(0.0002 - 0.001)* (0.0007 - 0.003)									650
			1992													A 0/55		--- ng/m3	(30)	

*alpha-isomer(upper part), beta-isomer(lower part)

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(A Cumulative List for Fiscal Year 1974 - 1998)

#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
651	hexachlorobenzene	118-74-1	1974	0/60		---	(0.1)	0/60		---	(0.01)	4/60		0.005 - 0.007	(0.005)					651
			1975	0/390		---	(0.001 - 0.01)	37/399		0.0002 - 0.12	(0.0001 - 0.005)	110/369		0.0001 - 0.028	(0.0001 - 0.005)					
			1978	6/77		0.0016 - 0.0045	(0.0016)	63/76		0.00011 - 0.48	(0.00011)	73/75		0.0002 - 0.013	(0.00016)					
			1994													A 8/24		1.1 - 3.5ng/m3	(1)	
652	hexabromocyclododecane	25637-99-4	1987	0/75		---	(0.2)	3/69		0.02 - 0.09	(0.02)	4/66		0.01 - 0.023	(0.01)					652
653	hexabromodiphenyl ether	36483-60-0	1987	0/75		---	(0.04)	4/69		0.007 - 0.077	(0.0051)	5/75		0.0038 - 0.014	(0.002)					653
			1988	0/150		---	(0.04)	4/141		0.0045 - 0.018	(0.0035)	5/144		0.002 - 0.006	(0.002)					
654	hexabromobiphenyl	36355-01-8	1989	0/63		---	(0.05)	0/63		---	(0.008)	0/63		---	(0.01)	A 0/38		--- ng/m3	(4)	654
655	hexabromobenzene	87-82-1	1977	0/15		---	(0.04 - 0.5)	0/15		---	(0.01 - 0.17)									655
			1981	0/18		---	(0.01 - 0.1)	3/18		0.0022 - 0.0069	(0.0005 - 0.0025)									
			1982	0/126		---	(0.05)	3/126		0.0031 - 0.0043	(0.0009 - 0.005)	0/126		---	(0.005)					
656	hexamethyleneimine	111-49-9	1986	0/30		---	(5)	0/24		---	(0.03)									656
657	hexamethylene tetramine	100-97-0	1983	0/30		---	(50 - 5,000)	0/30		---	(0.3 - 14)									657
658	4-(4-hexylphenyl)-benzonitrile	41122-70-7	1985	0/27		---	(2)	0/27		---	(0.05)									658
659	hexylene glycol	107-41-5	1980	0/27		---	(2.5 - 30)	0/27		---	(0.025 - 1.4)									659
			1995	0/33		---	(0.2)	5/32		0.022 - 0.03	(0.0043)									
660	heptachlor	76-44-8	1982	0/125		---	(0.005)	14/87		0.0002 - 0.0037	(0.0002 - 0.0003)	9/110		0.001 - 0.010	(0.001)					660
			1986													A 0/73		--- ng/m3	(1.0)	
661	heptachlor epoxide	1024-57-3	1982	0/126		---	(0.005)	3/126		0.0002 - 0.0006	(0.0002 - 0.001)	28/123		0.001 - 0.006	(0.001)					661
			1986													A 0/73		--- ng/m3	(0.5)	
			1996	0/33		---	(0.05)	0/33		---	(0.021)	0/32		---	(0.005)					
662	heptanol	111-70-6	1979	0/27		---	(5 - 50)	0/27		---	(0.3 - 1)									662
663	benzidine	92-87-5	1977	0/ 6		---	(0.015)	0/ 3		---	(0.003)									663
664	benzyl alcohol	100-51-6	1985	0/33		---	(0.2)	3/24		0.010 - 0.013	(0.01)									664
665	benzaldehyde	100-52-7	1984	0/27		---	(0.5 - 4)	8/27		0.01 - 0.17	(0.01 - 0.1)									665
666	benzene	71-43-2	1977	0/ 3		---	(2)	0/ 3		---	(0.004)									666
			1985	11/19		0.02 - 0.9	(0.02)	12/18		0.0005 - 0.0036	(0.0002)									
			1986	19/112		0.03 - 2.1	(0.03)	37/98		0.0005 - 0.030	(0.0005)	37/114		0.003 - 0.088	(0.003)					
667	benzenetricarboxylic acid tris(2-ethylhexyl) ester	3319-31-1	1980	0/45		---	(0.008 - 3)	0/45		---	(0.0039 - 0.02)									667
668	benz[a]anthracene	56-55-3	1989	0/159		---	(0.1)	112/145		0.0032 - 2.1	(0.003)	1/111		0.0012	(0.001)	A 39/39		0.16 - 11.0ng/m3	(0.1)	668

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
669	1,4-benzodinitrile	623-26-7	1981	0/15		---	(0.1 - 5)	0/15		---	(0.001 - 0.05)									669
670	benzothiazole	95-16-9	1983	0/30		---	(0.1 - 0.5)	4/30		0.0016 - 0.0033	(0.0015 - 0.05)									670
671	benzothiophene	95-15-8 11095-43-5	1998	0/42	0/14	---	(0.05)	11/36	4/12	0.0023 - 0.023	(0.002)	0/42	0/14	---	(0.001)					671
672	benzonitrile	100-47-0	1977	0/ 6		---	(1 - 5)	0/ 6		---	(0.1 - 1)									672
673	benzo[a]pyrene	50-32-8	1989	0/138		---	(0.1)	122/134		0.005 - 3.7	(0.005)	1/123		0.008	(0.003)	A 31/39		0.31 - 6.37ng/m3	(0.3)	673
674	benzo[e]pyrene	192-97-2	1989	0/75		---	(0.1)	72/74		0.0009 - 1.8	(0.0008)	0/66		---	(0.003)	A 29/39		0.30 - 5.43ng/m3	(0.3)	674
675	benzophenone	119-61-9	1981	0/15		---	(0.1 - 0.2)	0/15		---	(0.02)									675
676	benzo[b]fluoranthene , benzo[j]fluoranthene , benzo[k]fluoranthene *	205-99-2 205-82-3 207-08-9	1989	0/159		---	(0.1)	118/159		0.01 - 5.5	(0.01)	1/120		0.004	(0.003)	A 36/39		0.24 - 16.83ng/m3	(0.2)	676
*Total of 3 compounds																				
677	benzo[g,h,i]perylene	191-24-2	1989	1/72		0.05	(0.05)	72/72		0.003 - 1.31	(0.003)	1/66		0.016	(0.005)	A 32/39		0.41 - 7.0ng/m3	(0.4)	677
678	pentaerythritol	115-77-5	1997	0/33		---	(0.52)	0/33		---	(0.06)									678
679	pentachloroaniline	527-20-8	1981	0/15		---	(0.0001 - 0.01)	0/15		---	(0.001 - 0.01)									679
680	pentachloroethane	76-01-7	1984	0/21		---	(0.005 - 0.04)	0/21		---	(0.00003 - 0.00050)									680
681	pentachloronitrobenzene	82-68-8	1981	0/12		---	(0.01)	0/12		---	(0.0005)									681
			1991	0/57		---	(0.42)	0/51		---	(0.039)	0/51		---	(0.035)	A 5/48		6.2 - 13ng/m3	(6)	
682	pentachlorofenol	87-86-5	1974	2/55		0.2	(0.1)	10/50		0.08 - 0.36	(0.01 - 0.05)									682
			1996	0/33		---	(0.2)	2/33		0.011 - 0.014	(0.01)									
683	pentachlorobenzene	608-93-5	1975	0/100		---	(0.01)	0/100		---	(0.01)	3/95		0.018 - 0.088	(0.01)	R 0/30		--- ppm	(0.00001)	683
			1979	0/111		---	(0.002 - 0.04)	30/111		0.0001 - 0.011	(0.00001 - 0.01)	3/98		0.001 - 0.002	(0.00001 - 0.01)					
			1994													A 9/24		1.0 - 8.0ng/m3	(1)	
684	pentabromobenzene	608-90-2	1981	0/18		---	(0.005 - 0.05)	0/18		---	(0.00005 - 0.001)									684
685	phosalone	2310-17-0	1993	0/54		---	(0.1)	0/54		---	(0.05)	0/54		---	(0.035)	A 0/24		--- ng/m3	(9)	685
686	phosmet	732-11-6	1993													A 0/24		--- ng/m3	(7)	686
687	fatty acid polyethyleneglycol ester	25322-68-3	1982	0/30		---	(10)													687
688	polychloroterphenyl	6178-33-8	1974	0/60		---	(0.01 - 1)	0/60		---	(0.005)	3/11		0.05 - 0.12	(0.05 - 0.2)					688
			1976	0/156		---	(0.01 - 1)	21/151		0.001 - 0.33	(0.001 - 0.2)	0/39		---	(0.001 - 0.2)					
			1978	0/75		---	(0.002 - 2.5)	37/75		0.001 - 4.7	(0.001 - 1.0)	3/66		0.0003 - 0.003	(0.0002 - 0.1)					

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
689	polychloronaphthalene	70776-03-3	1976	4/148		0.10 - 0.45	(0.02 - 2)	23/138		0.005 - 0.67	(0.004 - 0.2)	1/39		0.35	(0.005 - 0.05)					689
			1978	3/75		0.008 - 0.04	(0.001 - 1)	15/75		0.02 - 1.0	(0.005 - 0.05)	9/66		0.002 - 0.13	(0.004 - 0.025)					
			1998													A 42/42	14/14	0.011 - 0.86ng/m3	(0.001)	
690	polychlorobiphenyl	1336-36-3	1997													A 63/63		0.044 - 1.5ng/m3*	---	690
*The values are the total of the PCBs																				
691	polyoxyethylene alkyl amide		1983	0/27		---	(4)	0/27		---	(0.7)									691
692	polyoxyethylene alkyl amine		1983	0/27		---	(5)	0/27		---	(0.5)									692
693	polyoxyethylene alkyl ether	27306-79-2	1982	0/30		---	(5)	19/30		0.22 - 1.0 *	(0.2)									693
*Investigate the compounds of n=2 -8 mols of ethylene oxide and extract the value for n=3																				
694	polyoxyethylene alkylphenyl ether		1977	3/15		190 - 280	(100)	6/15		7.2 - 30	(4.0)									694
			1978	25/105		130 - 930	(100)	69/88		2.1 - 50	(2)									
			1982	1/30		90	(15)	8/30		2.6 - 4.9	(2.0)									
695	nonionic surfactant (polyoxy ethylene type)		1982	17/72		5 - 50	(3 - 10)	54/72		0.16 - 12.4	(0.1 - 0.2)									695
			1998	7/45	3/15	3.5 - 22	(3)	29/42	10/14	0.086 - 12	(0.082)									
696	polybromobiphenyl		1981	0/27		---	(0.1 - 1)	0/27		---	(0.005 - 0.01)									696
697	formic aldehyde	50-00-0	1975	0/100		---	(100 - 500)													697
			1995	0/33		---	(2)													
698	mirex	2385-85-5	1983	0/27		---	(0.01)	0/27		---	(0.0006 - 0.0024)									698
699	malathion	121-75-5	1993	0/51		---	(0.06)	0/51		---	(0.06)	0/51		---	(0.069)	A 0/54		--- ng/m3	(25)	699
700	maleic acid	110-16-7	1983	0/24		---	(1 - 50)	0/24		---	(0.05 - 0.25)									700
701	mecoprop	93-65-2	1996	0/33		---	(0.2)	0/33		---	(0.02)									701
702	methacrylic acid	79-41-4	1987	0/75		---	(6)	0/75		---	(0.14)									702
703	ethyl methacrylate	97-63-2	1979	0/24		---	(0.005 - 1)	0/24		---	(0.00010 - 0.01)									703
704	glycidyl methacrylate	106-91-2	1986	0/30		---	(0.3)	0/24		---	(0.04)									704
705	butyl methacrylate	97-88-1	1979	0/24		---	(0.005 - 1)	0/24		---	(0.00010 - 0.01)									705
706	methyl methacrylate	80-62-6	1979	0/24		---	(0.005 - 1)	0/24		---	(0.00011 - 0.01)									706
707	methacrylonitrile	126-98-7	1987	0/75		---	(0.7)	0/75		---	(0.014)					A 0/61		--- ng/m3	(40)	707
708	methanol	67-56-1	1995													A 14/18		3,100 - 49,000ng/m3	(2000)	708
709	methidathion	950-37-8	1993	0/54		---	(0.1)	0/54		---	(0.09)	0/54		---	(0.11)	A 0/24		--- ng/m3	(5)	709
710	N-methylaniline	100-61-8	1976	0/68		---	(0.08 - 0.6)	11/68		0.002 - 0.012	(0.002 - 0.008)									710
			1990	3/69		0.038 - 0.093	(0.03)	4/66		0.0078 - 0.014	(0.007)	0/69		---	(0.0027)	A 1/51		220ng/m^3	(150)	

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#	Substance	CAS NO.	Fis. Year	Number of detection and range of detection																#
				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
711	methylamine	74-89-5	1986	0/33		---	(2)	12/21		0.046 - 0.213	(0.04)									711
712	methyl isobutyl carbinol	108-11-2	1980	0/27		---	(2.5 - 8)	0/27		---	(0.025 - 0.4)									712
713	methyl isobutyl ketone	108-10-1	1980	0/24		---	(4 - 15)	0/24		---	(0.2 - 0.6)									713
			1995	0/33		---	(1.7)	0/33		---	(0.17)					A 10/51		11,000 - 3,800ng/m3	(1,100)	
714	methyl ethyl ketone	78-93-3	1980	0/24		---	(3 - 8)	0/24		---	(0.15 - 0.4)									714
			1995	8/165		1.2 - 2.5	(1)	66/159		0.03 - 0.93	(0.028)					A35/53		500 - 1,6000ng/m3	(500)	
715	methyl ethyl ketone oxime	96-29-7	1978	0/21		---	(10 - 30)	0/18		---	(0.1 - 0.7)									715
716	2-isopropylphenyl methylcarbamate	2631-40-5	1988	0/75		---	(0.3)	0/69		---	(0.0103)					A 0/72		--- ng/m3	(7.0)	716
717	o-isopropoxyphenyl methyl carbamate	114-26-1	1988	0/75		---	(0.3)	0/69		---	(0.0103)					A 0/72		--- ng/m3	(7.0)	717
			1994	0/39		---	(0.02)	0/39		---	(0.0033)	0/39		---	(0.001)					
718	3,5-xylyl methylcarbamate	2655-14-3	1988	0/75		---	(0.22)	0/69		---	(0.0103)					A 0/72		--- ng/m3	(7.0)	718
719	m-tolyl methylcarbamate	1129-41-5	1988	0/75		---	(0.5)	0/69		---	(0.0103)					A 1/72		8.0ng/m^3	(7.0)	719
			1994	0/30		---	(0.02)	0/30		---	(0.003)	0/30		---	(0.003)					
720	1-naphthyl methylcarbamate	63-25-2	1983	0/36		---	(0.05 - 0.06)	0/36		---	(0.002 - 0.023)									720
			1988	0/69		---	(0.18)	0/69		---	(0.0205)					A 0/72		--- ng/m3	(7.0)	
721	o-s-butylphenyl methylcarbamate	3766-81-2	1988	0/75		---	(0.4)	0/69		---	(0.0103)					A 4/72		7.7 - 48ng/m3	(7.0)	721
722	methyl-N',N'-dimethyl-N-(methylcarbamoyl)oxy-1-thiooxamimidate	23135-22-0	1992	0/33		---	(0.1)	0/33		---	(0.01)	0/33		---	(0.005)					722
723	alpha-methylstyrene	98-83-9	1977	0/ 3		---	(4)	0/ 3		---	(0.01)									723
			1997	0/36		---	(0.3)	0/33		---	(0.0055)									
724	beta-methylstyrene	5013-15-4	1977	0/ 3		---	(4)	0/ 3		---	(0.01)									724
725	m-methylstyrene	100-80-1	1977	0/ 3		---	(4)	0/ 3		---	(0.01)									725
726	p-methylstyrene	622-97-9	1977	0/ 3		---	(4)	0/ 3		---	(0.01)									726
727	1-methylnaphthalene	90-12-0	1976	0/28		---	(0.2 - 1)	0/28		---	(0.02 - 0.1)									727
			1984													A 65/72		1.9 - 280ng/m3	(0.4 - 5)	
			1998													A 29/30	10/10	5.1 - 150ng/m3	(2)	
728	2-methylnaphthalene	91-57-6	1976	0/28		---	(0.2 - 1)	0/28		---	(0.02 - 0.1)									728
			1984													A 66/72		2.6 - 530ng/m3	(0.5 - 8)	
			1998													A 30/30	10/10	3.2 - 310ng/m3	(1.7)	
729	2-methyl-4-nitroaniline	99-52-5	1985	0/36		---	(0.04)	0/36		---	(0.008)									729

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				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
730	4-methyl-2-nitroaniline	119-32-4	1985	0/36		---	(0.02)	0/36		---	(0.008)									730
731	2-methylpiperidine	109-05-7	1986	0/30		---	(20)	0/24		---	(0.03)									731
732	2-methylpyridine	109-06-8	1986	0/30		---	(0.3)	7/30		0.0065 - 0.024	(0.005)									732
			1987	5/96		0.32 - 2.7	(0.2)	67/94		0.0012 - 0.108	(0.0008)	105/132		0.001 - 0.048	(0.001)					
			1994	19/162		0.10 - 2.4	(0.1)	103/147		0.0011 - 0.024	(0.0011)	106/152		0.0020 - 0.0315	(0.002)	A 46/49		1 - 77ng/m3	(1)	
	3-methylpyridine, 4-methylpyridine *	108-89-4 108-99-6	1986	0/30		---	(0.6)	6/30		0.0077 - 0.076	(0.007)									
			1987	3/93		0.2 - 0.81	(0.2)	64/94		0.0018 - 0.142	(0.0008)	59/97		0.001 - 0.169	(0.001)					
*Total of 2 compounds																				
733	3-methylpyridine	108-99-6	1994	6/165		0.29 - 0.74	(0.2)	83/135		0.0012 - 0.038	(0.0012)	53/147		0.002 - 0.012	(0.002)	A 45/49		1 - 39ng/m3	(1)	733
734	4-methylpyridine	108-89-4	1994	11/162		0.14 - 0.78	(0.1)	91/128		0.0012 - 0.051	(0.0012)	57/141		0.0014 - 0.110	(0.0014)	A 38/48		1.0 - 16ng/m3	(1)	734
735	4-methyl-3-pentene-2-one	141-79-7	1980	0/24		---	(5 - 50)	0/24		---	(0.3 - 1.0)									735
736	S-methyl-N-[(methylcarbamoyl)oxy]thioacetimidate	16752-77-5	1992	0/33		---	(0.1)	0/33		---	(0.01)	0/33		---	(0.005)					736
737	methyl mercaptan	74-93-1	1992													A 0/51		--- ng/m3	(1,000)	737
738	2-methoxyethanol	109-86-4	1976	0/60		---	(90 - 100)	0/20		---	(0.4)									738
739	2-methoxyphenol	90-05-1	1986	0/39		---	(0.2)	4/39		0.010 - 0.020	(0.01)									739
740	3-methoxyphenol	150-19-6	1986	0/39		---	(0.2)	0/39		---	(0.01)									740
741	4-methoxyphenol	150-76-5	1986	0/39		---	(0.2)	0/39		---	(0.01)									741
742	methoxybutanol	2517-43-3	1980	0/27		---	(2.5 - 10)	0/27		---	(0.025 - 0.6)									742
743	melamine	108-78-1	1986	21/30		0.1 - 1.6	(0.1)	2/30		0.088 - 0.13	(0.07)									743
			1987	89/150		0.1 - 7.6	(0.1)	36/117		0.01 - 0.32	(0.01)	13/144		0.06 - 0.55	(0.05)					
			1988									5/12		0.09 - 0.23	(0.05)					
			1994	43/150		0.11 - 6.4	(0.11)	29/160		0.015 - 0.40	(0.015)	12/148		0.020 - 0.075	(0.02)	A 12/39		2.0 - 55ng/m3	(2)	
744	2-mercaptoimidazoline	96-45-7	1983	0/33		---	(0.8 - 40)	0/33		---	(0.02 - 0.51)									744
745	2-mercaptobenzimidazole	583-39-1	1978	0/45		---	(0.25 - 50)	0/39		---	(0.017 - 2.5)									745
746	2-mercaptobenzothiazole	149-30-4	1977	3/12		0.011 - 0.021	(--- - 0.1)	2/12		0.0021 - 0.037	(0.0009 - 0.02)									746
			1978	0/117		---	(0.01 - 10)	3/111		0.046 - 0.058	(0.002 - 1.2)	0/90		---	(0.002 - 1)					
747	monoethanolamine	141-43-5	1980	0/27		---	(3 - 270)	0/27		---	(0.006 - 1.4)									747
			1994	24/156		0.55 - 2.3	(0.5)	84/147		0.010 - 0.92	(0.01)					A 9/51		13 - 160ng/m3	(12)	

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				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
748	monochloroacetic acid	79-11-8	1984	1/21		0.64	(0.2 - 1)	3/21		0.0016 - 0.0033	(0.001 - 0.01)									748
749	mono(alpha-methylbenzyl)phenol	1988-89-2	1978	0/45		---	(0.02 - 10)	0/45		---	(0.0013 - 1)									749
750	2-(morpholinothio)benzothiazole	102-77-2	1977	0/12		---	(0.02 - 0.04)	0/12		---	(0.0012 - 0.01)									750
751	morpholine	110-91-8	1979	0/33		---	(1 - 50)	0/33		---	(0.01 - 0.5)									751
			1994	9/48		0.28 - 2.51	(0.28)	25/45		0.0024 - 0.051	(0.0024)	0/48		---	(0.03)	A 0/51		--- ng/m3	(20)	
752	organic silicon compounds		1979	0/120		---	(10)	21/120		2.1 - 19.2	(2.0)									752
			1980	0/120		---	(2.5)	68/120		1.0 - 70	(1.0)	89/108		1.0 - 16	(1.0)					
753	organic tin compounds		1975	0/80		---	(10 - 25)													753
754	methyl iodide	74-88-4	1980													A 4/27		0.020 - 0.066ppb	(0.001 - 0.02)	754
755	cresyl diphenyl phosphate	26444-49-5	1981	0/63		---	(0.05)	0/63		---	(0.005)									755
756	phosphoric acid, 2-chloro-1-(2,4-dichlorophenyl)vinyl diethyl ester *	470-90-6	1988	0/72		---	(0.2)	6/57		0.006 - 0.02	(0.006)	0/72		---	(0.005)	A 0/72		--- ng/m3	(20)	756
			1993	0/51		---	(0.37)	0/51		---	(0.063)	0/51		---	(0.046)					
			1993	0/51		---	(0.15)	0/51		---	(0.03)	0/51		---	(0.039)					
*alpher-isomer(upper part), beta-isomer(lower part) in 1993																				
757	diethyl-p-nitrophenyl phosphate	311-45-5	1993	0/75		---	(0.2)	0/75		---	(0.03)	0/75		---	(0.05)					757
758	2,2-dichloro-1,2-dibromoethyl dimethyl phosphate	300-76-5	1984	0/24		---	(0.5 - 2)	0/24		---	(0.03 - 0.26)									758
759	2,2-dichlorovinyl alcohol dimethyl phosphate	62-73-7	1983	0/30		---	(0.1)	0/30		---	(0.005 - 0.031)									759
			1993													A 4/51		10 - 13ng/m3	(10)	
760	O,O-dimethyl-O-2-chloro-1-(2,4,5-trichlorophenyl)ethenyl phosphate	961-11-5	1988	0/72		---	(0.5)	0/72		---	(0.0103)	0/72		---	(0.02)	A 0/72		--- ng/m3	(20)	760
761	triethyl phosphate	78-40-0	1982	0/42		---	(0.005 - 0.1)	0/42		---	(0.00025 - 0.005)									761
762	trioctyl phosphate	1806-54-8	1975	0/100		---	(0.04 - 0.50)	3/100		0.02 - 0.100	(0.005 - 0.10)	0/94		---	(0.01 - 0.10)					762
763	trixylenyl phosphate	25155-23-1	1981	0/63		---	(0.2)	13/63		0.07 - 3.7	(0.05)									763

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				Water(ng/ml)				Sediment(ug/g-dry)				Fishes(ug/g-wet)				Others A:Air; R:Rain Water; P:Plankton				
				A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	A/B	C/D	Range of detection	Limit of detection	
764	tricresyl phosphate	1330-78-5	1975	0/100		---	(0.05 - 1.5)	1/100		0.15	(0.01 - 0.25)	0/96		---	(0.02 - 0.25)					764
			1978	0/114		---	(0.005 - 2.5)	2/114		1.06 - 2.16	(0.00025 - 0.3)	0/93		---	(0.00025 - 0.15)					
			1993	0/72		---	(0.05)	50/72		0.003 - 0.24	(0.003)	2/75		0.063 - 0.082	(0.022)	A 7/42		3 - 17ng/m3	(3)	
			1998													A 8/46	5/16	1.2 - 2.6ng/m3	(1)	
765	tris(isopropylphenyl)phosphate	26967-76-0	1978	0/24		---	(0.05 - 2)	3/24		0.1	(0.01 - 0.1)									765
766	tris(2-ethylhexyl)phosphate	78-42-2	1981	0/63		---	(0.01)	43/63		0.002 - 0.07	(0.001 - 0.005)									766
767	tris(2-chloroethyl) phosphate	115-96-8	1975	8/40		0.1 - 0.34	(0.013 - 0.1)	1/20		0.070	(0.025)	0/20		---	(0.025)					767
			1978	3/114		0.09	(0.01 - 1)	0/114		---	(0.001 - 0.05)	9/93		0.005 - 0.14	(0.001 - 0.05)					
			1993	36/70		0.05 - 1.2	(0.05)	22/72		0.005 - 0.085	(0.005)	9/75		0.012 - 0.29	(0.012)	A 21/39		1 - 7.4ng/m3	(1)	
			1998													A 24/37	12/15	0.29 - 1.4ng/m3	(0.24)	
768	tris(2-chloropropyl)phosphate	6145-73-9	1984	0/24		---	(0.05 - 1)	0/24		---	(0.011 - 0.05)									768
769	tris(1,3-dichloro-2-propyl)phosphate	13674-87-8	1975	0/100		---	(0.02 - 0.25)	0/100		---	(0.002 - 0.05)	7/94		0.015 - 0.025	(0.005 - 0.05)					769
			1978	0/114		---	(0.001 - 0.5)	0/114		---	(0.0001 - 0.06)	0/93		---	(0.001 - 0.03)					
			1984	0/24		---	(0.25 - 1)	0/24		---	(0.03 - 0.06)									
770	tris(dibromopropyl)phosphate	126-72-7	1975	0/114		---	(1)	0/114		---	(0.4 - 10)	0/20		---	(1)					770
771	tris(butoxyethyl) phosphate	78-51-3	1975	0/100		---	(0.02 - 0.5)	7/80		0.22 - 0.54	(0.002 - 0.10)	0/74		---	(0.005 - 0.10)					771
			1978	0/114		---	(0.005 - 1.5)	0/114		---	(0.0005 - 0.12)	0/93		---	(0.0005 - 0.15)					
			1993	12/165		0.51 - 2.8	(0.5)	0/168		---	(0.098)	1/156		0.1	(0.1)	A 2/48		50 - 100ng/m3	(50)	
772	tris(2-bromoethyl)phosphate	27568-90-7	1984	0/24		---	(0.13 - 1)	0/24		---	(0.027 - 0.07)									772
773	triphenyl phosphate	115-86-6	1975	0/100		---	(0.02 - 0.2)	0/100		---	(0.002 - 0.05)	0/100		---	(0.005 - 0.05)					773
774	tributyl phosphate	126-73-8	1975	16/100		0.02 - 0.71	(0.01 - 0.1)	34/100		0.001 - 0.35	(0.001 - 0.025)	31/94		0.003 - 0.026	(0.002 - 0.0025)					774
			1977	39/117		0.006 - 0.58	(0.006 - 0.5)	48/117		0.0019 - 0.24	(0.001 - 0.17)	27/85		0.0011 - 0.0093	(0.001 - 0.12)					
			1993	66/148		0.011 - 0.26	(0.011)	51/159		0.002 - 0.13	(0.002)	4/150		0.006 - 0.017	(0.005)	A 9/39		1.2 - 45ng/m3	(1)	
			1998													A 29/40	13/15	0.22 - 7.5ng/m3	(0.2)	
775	trimethyl phosphate	512-56-1	1982	0/42		---	(0.02 - 0.1)	0/42		---	(0.0005 - 0.005)									775
			1984	0/24		---	(0.04 - 1)	0/24		---	(0.003 - 0.05)									