

Marine Sediment

Art. ID IAEA-417
Unit 40 g
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Recommended value, base gamma-HCH (Lindane) d on dry mass		[58-89-9]	0,54	ng/g		
Recommended value, base 4,4'-DDE d on dry mass		[72-55-9]	14	ng/g		
Recommended value, base 4,4'-DDD d on dry mass		[72-54-8]	21	ng/g		
Recommended value, base trans-Nonachlor d on dry mass		[39765-80-5]	0,32	ng/g		
Recommended value, base 2,4,4'-Trichlorobipheny d on dry mass	I (PCB 28)	[7012-37-5]	5,7	ng/g		
Recommended value, base 2,4',5'-Trichlorobipheny d on dry mass	I (PCB 31)	[16606-02-3]	4,1	ng/g		
Recommended value, base 2,2',3,5'-Tetrachlorobi d on dry mass	phenyl (PCB 44)	[41464-39-5]	9,7	ng/g		
Recommended value, base 2,2',4,5'-Tetrachlorobi d on dry mass	phenyl (PCB 49)	[41464-40-8]	7,8	ng/g		
Recommended value, base 2,2',5,5'-Tetrachlorobi d on dry mass	phenyl (PCB 52)	[35693-99-3]	17	ng/g		
Recommended value, base 2,4,4',5'-Tetrachlorobip d on dry mass	henyl (PCB 74)	[32690-93-0]	5,1	ng/g		
Recommended value, base 2,2',3,4,5'-Pentachloro d on dry mass	biphenyl (PCB 87)	[38380-02-8]	19	ng/g		
Recommended value, base 2,2',4,4',5'-Pentachloro d on dry mass	biphenyl (PCB 99)	[38380-01-7]	19	ng/g		
Recommended value, base 2,2',4,5,5'-Pentachloro d on dry mass	biphenyl (PCB 101)	[37680-73-2]	42	ng/g		
Recommended value, base 2,3,3',4,4'-Pentachloro d on dry mass	biphenyl (PCB 105)	[32598-14-4]	22	ng/g		
Recommended value, base 2,3,3',4',6'-Pentachloro d on dry mass	biphenyl (PCB 110)	[38380-03-9]	42	ng/g		
Recommended value, base 2,2',3,3',4,4'-Hexachlo d on dry mass		[38380-07-3]	12	ng/g		

d on dry mass	robiphenyl (PCB 128)			
Recommended value, base	2,2',3,4,4',5'-Hexachlorobiphenyl	[35065-28-2]	45	ng/g
d on dry mass	robiphenyl (PCB 138)			
Recommended value, base	2,2',3,4',5',6-Hexachlorobiphenyl	[38380-04-0]	25	ng/g
d on dry mass	robiphenyl (PCB 149)			
Recommended value, base	2,3,3',4,4',5-Hexachlorobiphenyl	[38380-08-4]	5,9	ng/g
d on dry mass	obiphenyl (PCB 156)			
Recommended value, base	2,2',3,3',4,4',5-Heptachlorobiphenyl	[35065-30-6]	8,1	ng/g
d on dry mass	hlorobiphenyl (PCB 170)			
Recommended value, base	2,2',3,3',4,5,6'-Heptachlorobiphenyl	[38411-25-5]	3,1	ng/g
d on dry mass	hlorobiphenyl (PCB 174)			
Recommended value, base	2,2',3,3',4',5,6-Heptachlorobiphenyl	[52663-70-4]	1,8	ng/g
d on dry mass	hlorobiphenyl (PCB 177)			
Recommended value, base	2,2',3,4,4',5',6-Heptachlorobiphenyl	[52663-69-1]	3,4	ng/g
d on dry mass	hlorobiphenyl (PCB 183)			
Recommended value, base	2,2',3,4',5,5',6-Heptachlorobiphenyl	[52663-68-0]	8,1	ng/g
d on dry mass	hlorobiphenyl (PCB 187)			
Recommended value, base	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	[35694-08-7]	2,7	ng/g
d on dry mass	achlorobiphenyl (PCB 194)			
Recommended value, base	2,2',3,3',4,4',5,6-Octachlorobiphenyl	[52663-78-2]	1,2	ng/g
d on dry mass	chlorobiphenyl (PCB 195)			
Recommended value, base	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	[40186-72-9]	1,8	ng/g
d on dry mass	onachlorobiphenyl (PCB 206)			
Recommended value, base	2,2',3,3',4,4',5,5',6,6-Decachlorobiphenyl	[2051-24-3]	1,2	ng/g
d on dry mass	'-Decachlorobiphenyl (PCB 209)			
Recommended value, base	n-C17		200	ng/g
d on dry mass				
Recommended value, base	Phenanthrene	[85-01-8]	3900	ng/g
d on dry mass				
Recommended value, base	1-Methylphenanthrene	[832-69-9]	320	ng/g
d on dry mass				
Recommended value, base	Anthracene	[120-12-7]	630	ng/g
d on dry mass				
Recommended value, base	Chrysene	[218-01-9]	3600	ng/g

d on dry mass				
Recommended value, base Fluorene		[86-73-7]	230	ng/g
d on dry mass				
Recommended value, base Fluoranthene		[206-44-0]	7700	ng/g
d on dry mass				
Recommended value, base Pyrene		[129-00-0]	6000	ng/g
d on dry mass				
Recommended value, base Benzo(b)fluoranthene		[205-99-2]	4100	ng/g
d on dry mass				
Recommended value, base Benzo(k)fluoranthene		[207-08-9]	2000	ng/g
d on dry mass				
Recommended value, base Benzo(b)anthracene		[92-24-0]	3200	ng/g
d on dry mass				
Recommended value, base Perylene		[198-55-0]	1200	ng/g
d on dry mass				
Recommended value, base Benzo(e)pyrene		[192-97-2]	3000	ng/g
d on dry mass				
Recommended value, base Benzo(a)pyrene		[50-32-8]	2800	ng/g
d on dry mass				
Recommended value, base Benzo[g,h,i]perylene		[191-24-2]	2300	ng/g
d on dry mass				
Recommended value, base Indeno(1,2,3-cd)pyrene		[193-39-5]	2700	ng/g
d on dry mass				
Recommended value, base Acenaphthene		[83-32-9]	180	ng/g
d on dry mass				
Recommended value, base Dibenzothiophene		[132-65-0]	280	ng/g
d on dry mass				
Information value, base Hexachlorobenzene		[118-74-1]	1,2	ng/g
d on dry mass				
Information value, base 4,4'-DDT		[50-29-3]	19	ng/g
d on dry mass				
Information value, base 2,4'-DDD		[53-19-0]	11	ng/g
d on dry mass				
Information value, base Heptachlor		[76-44-8]	2	ng/g
d on dry mass				
Information value, base Heptachlor epoxide		[1024-57-3]	4,8	ng/g
d on dry mass				
Information value, base Aldrin		[309-00-2]	1,6	ng/g

d on dry mass				
Information value, base	Dieldrin	[60-57-1]	2,3	ng/g
d on dry mass				
Information value, base	Endrin	[72-20-8]	7,1	ng/g
d on dry mass				
Information value, base	Endosulfan-I (alpha)	[959-98-8]	14	ng/g
d on dry mass				
Information value, base	Endosulfan-II (beta)	[33213-65-9]	5,1	ng/g
d on dry mass				
Information value, base	cis-Chlordane (alpha)	[5103-71-9]	1,8	ng/g
d on dry mass				
Information value, base	trans-Chlordane (gamma)	[5103-74-2]	1,2	ng/g
d on dry mass				
Information value, base	Aroclor 1254	[11097-69-1]	410	ng/g
d on dry mass				
Information value, base	Aroclor 1260	[11096-82-5]	170	ng/g
d on dry mass				
Information value, base	2,4'-Dichlorobiphenyl (PCB 8)	[34883-43-7]	1,8	ng/g
d on dry mass				
Information value, base	2,2',5-Trichlorobiphenyl (PCB 18)	[37680-65-2]	3,7	ng/g
d on dry mass				
Information value, base	2,3,4'-Trichlorobiphenyl (PCB 22)	[38444-85-8]	1	ng/g
d on dry mass				
Information value, base	2,2',3,6-Tetrachlorobiphenyl (PCB 45)	[70362-45-7]	0,46	ng/g
d on dry mass				
Information value, base	2,3',4,4'-Tetrachlorobiphenyl (PCB 66)	[32598-10-0]	23	ng/g
d on dry mass				
Information value, base	2,3',4',5-Tetrachlorobiphenyl (PCB 70)	[32598-11-1]	20	ng/g
d on dry mass				
Information value, base	2,2',3,5',6-Pentachlorobiphenyl (PCB 95)	[38379-99-6]	20	ng/g
d on dry mass				
Information value, base	2,2',3',4,5-Pentachlorobiphenyl (PCB 97)	[41465-51-1]	9,1	ng/g
d on dry mass				
Information value, base	2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	[31508-00-6]	43	ng/g
d on dry mass				
Information value, base	2,2',3,5',6-Hexachlorobiphenyl (PCB 151)	[52663-63-5]	3,9	ng/g
d on dry mass				
Information value, base	2,2',4,4',5,5'-Hexachlorobiphenyl (PCB 153)	[35065-27-1]	39	ng/g

d on dry mass	robiphenyl (PCB 153)			
Information value, base	2,3,3',4,4',6-Hexachlor	[74472-42-7]	6	ng/g
d on dry mass	obiphenyl (PCB 158)			
Information value, base	2,2',3,4,4',5,5'-Heptac	[35065-29-3]	16	ng/g
d on dry mass	hlorobiphenyl (PCB 180)			
Information value, base	2,2',3,3',4,5,5',6'-Oct	[52663-75-9]	1,2	ng/g
d on dry mass	achlorobiphenyl (PCB 19 9) (BZ# 201)			
Information value, base	Total Aliphatics		230000	ng/g
d on dry mass				
Information value, base	Resolved Aliphatics		14000	ng/g
d on dry mass				
Information value, base	Unresolved Aliphatics		230000	ng/g
d on dry mass				
Information value, base	Pristane	[1921-70-6]	420	ng/g
d on dry mass				
Information value, base	n-C18		230	ng/g
d on dry mass				
Information value, base	Phytane	[638-36-8]	370	ng/g
d on dry mass				
Information value, base	Sum n-Alkanes (C14-C34)		9500	ng/g
d on dry mass				
Information value, base	Resolved Aromatics		48000	ng/g
d on dry mass				
Information value, base	Biphenyl	[92-52-4]	42	ng/g
d on dry mass				
Information value, base	Naphthalene	[91-20-3]	150	ng/g
d on dry mass				
Information value, base	1-Methylnaphthalene	[90-12-0]	53	ng/g
d on dry mass				
Information value, base	2-Methylnaphthalene	[91-57-6]	81	ng/g
d on dry mass				
Information value, base	2-Methylphenanthrene	[2531-84-2]	580	ng/g
d on dry mass				
Information value, base	Dibenz(a,h)anthracene	[53-70-3]	1100	ng/g
d on dry mass				