

Organic Contaminants in Sediment

Art. ID IAEA-159
Unit 45 g
Deliverydetails No Dangerous Good /not restricted

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|-------------------|---|--------------|---------------------|------|--------|--------|
| Recommended value | 4,4'-DDE | [72-55-9] | 0,89 | ng/g | | |
| Recommended value | 4,4'-DDD | [72-54-8] | 0,82 | ng/g | | |
| Recommended value | 2,4'-DDD | [53-19-0] | 0,39 | ng/g | | |
| Recommended value | Heptachlor | [76-44-8] | 0,31 | ng/g | | |
| Recommended value | Dieldrin | [60-57-1] | 0,48 | ng/g | | |
| Recommended value | Aroclor 1260 | [11096-82-5] | 5,54 | ng/g | | |
| Recommended value | 2,2',5'-Trichlorobipheny I (PCB 18) | [37680-65-2] | 0,74 | ng/g | | |
| Recommended value | 2,4,4'-Trichlorobipheny I (PCB 28) | [7012-37-5] | 0,57 | ng/g | | |
| Recommended value | 2,2',3,5'-Tetrachlorobi phenyl (PCB 44) | [41464-39-5] | 0,35 | ng/g | | |
| Recommended value | 2,2',5,5'-Tetrachlorobi phenyl (PCB 52) | [35693-99-3] | 0,67 | ng/g | | |
| Recommended value | 2,3',4,4'-Tetrachlorobi phenyl (PCB 66) | [32598-10-0] | 0,41 | ng/g | | |
| Recommended value | 2,2',4,5,5'-Pentachloro biphenyl (PCB 101) | [37680-73-2] | 0,52 | ng/g | | |
| Recommended value | 2,3',4,4',5'-Pentachloro biphenyl (PCB 118) | [31508-00-6] | 0,52 | ng/g | | |
| Recommended value | 2,2',3,4,4',5'-Hexachlo robiphenyl (PCB 138) | [35065-28-2] | 0,6 | ng/g | | |
| Recommended value | 2,2',3,4',5',6'-Hexachlo robiphenyl (PCB 149) | [38380-04-0] | 0,52 | ng/g | | |
| Recommended value | 2,2',4,4',5,5'-Hexachlo robiphenyl (PCB 153) | [35065-27-1] | 0,56 | ng/g | | |
| Recommended value | 2,2',3,3',4,4',5'-Heptac hlorobiphenyl (PCB 170) | [35065-30-6] | 0,15 | ng/g | | |
| Recommended value | 2,2',3,4,4',5,5'-Heptac hlorobiphenyl (PCB 180) | [35065-29-3] | 0,26 | ng/g | | |
| Recommended value | 2,2',3,3',4,4',5,5'-Oct | [35694-08-7] | 0,09 | ng/g | | |

achlorobiphenyl (PCB 19

4)

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|-------------------|------------------------|-------------|------|------|
| Recommended value | n-C17 | | 105 | ng/g |
| Recommended value | Pristane | [1921-70-6] | 120 | ng/g |
| Recommended value | Phytane | [638-36-8] | 81 | ng/g |
| Recommended value | Naphthalene | [91-20-3] | 23 | ng/g |
| Recommended value | 1-Methylnaphthalene | [90-12-0] | 20 | ng/g |
| Recommended value | 2-Methylnaphthalene | [91-57-6] | 30 | ng/g |
| Recommended value | Phenanthrene | [85-01-8] | 59 | ng/g |
| Recommended value | 1-Methylphenanthrene | [832-69-9] | 20 | ng/g |
| Recommended value | Anthracene | [120-12-7] | 11 | ng/g |
| Recommended value | Chrysene | [218-01-9] | 58 | ng/g |
| Recommended value | Fluorene | [86-73-7] | 13 | ng/g |
| Recommended value | Fluoranthene | [206-44-0] | 110 | ng/g |
| Recommended value | Pyrene | [129-00-0] | 100 | ng/g |
| Recommended value | Benzo(b)fluoranthene | [205-99-2] | 100 | ng/g |
| Recommended value | Benzo(k)fluoranthene | [207-08-9] | 49 | ng/g |
| Recommended value | Benzo(a)anthracene | [56-55-3] | 54 | ng/g |
| Recommended value | Perylene | [198-55-0] | 27 | ng/g |
| Recommended value | Benzo(e)pyrene | [192-97-2] | 82 | ng/g |
| Recommended value | Benzo(a)pyrene | [50-32-8] | 58 | ng/g |
| Recommended value | Benzo(g,h,i)perylene | [191-24-2] | 95 | ng/g |
| Recommended value | Indeno(1,2,3-cd)pyrene | [193-39-5] | 120 | ng/g |
| Recommended value | Dibenz(a,h)anthracene | [53-70-3] | 25 | ng/g |
| Recommended value | Acenaphthylene | [208-96-8] | 6,4 | ng/g |
| Recommended value | Acenaphthene | [83-32-9] | 6 | ng/g |
| Recommended value | Dibenzothiophene | [132-65-0] | 6,5 | ng/g |
| Information value | HEOM | | 0,53 | mg/g |
| Information value | Hexachlorobenzene | [118-74-1] | 0,17 | ng/g |
| Information value | alpha-HCH | [319-84-6] | 0,1 | ng/g |
| Information value | beta-HCH | [319-85-7] | 0,24 | ng/g |
| Information value | gamma-HCH (Lindane) | [58-89-9] | 0,21 | ng/g |
| Information value | delta-HCH | [319-86-8] | 0,57 | ng/g |
| Information value | 4,4'-DDT | [50-29-3] | 0,71 | ng/g |
| Information value | 2,4'-DDE | [3424-82-6] | 0,19 | ng/g |
| Information value | 2,4'-DDT | [789-02-6] | 2,32 | ng/g |
| Information value | Heptachlor epoxide | [1024-57-3] | 2,84 | ng/g |
| Information value | Aldrin | [309-00-2] | 0,17 | ng/g |

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|-------------------|---|--------------|------|------|
| Information value | Endrin | [72-20-8] | 0,77 | ng/g |
| Information value | Endosulfan-I (alpha) | [959-98-8] | 1,11 | ng/g |
| Information value | Endosulfan-II (beta) | [33213-65-9] | 1,49 | ng/g |
| Information value | Endosulfan sulfate | [1031-07-8] | 3,46 | ng/g |
| Information value | cis-Chlordane (alpha) | [5103-71-9] | 0,17 | ng/g |
| Information value | trans-Chlordane (gamma) | [5103-74-2] | 0,67 | ng/g |
| Information value | Aroclor 1254 | [11097-69-1] | 14,3 | ng/g |
| Information value | 2,4'-Dichlorobiphenyl (PCB 8) | [34883-43-7] | 0,37 | ng/g |
| Information value | 2,4',5'-Trichlorobiphenyl (PCB 31) | [16606-02-3] | 0,28 | ng/g |
| Information value | 2,2',4,5'-Tetrachlorobiphenyl (PCB 49) | [41464-40-8] | 0,32 | ng/g |
| Information value | 2,3',4',5'-Tetrachlorobiphenyl (PCB 70) | [32598-11-1] | 0,62 | ng/g |
| Information value | 2,4,4',5'-Tetrachlorobiphenyl (PCB 74) | [32690-93-0] | 0,2 | ng/g |
| Information value | 2,2',3,4,5'-Pentachlorobiphenyl (PCB 87) | [38380-02-8] | 0,44 | ng/g |
| Information value | 2,2',3,5',6'-Pentachlorobiphenyl (PCB 95) | [38379-99-6] | 1,26 | ng/g |
| Information value | 2,2',4,4',5'-Pentachlorobiphenyl (PCB 99) | [38380-01-7] | 0,4 | ng/g |
| Information value | 2,3,3',4,4'-Pentachlorobiphenyl (PCB 105) | [32598-14-4] | 0,41 | ng/g |
| Information value | 2,3,3',4',6'-Pentachlorobiphenyl (PCB 110) | [38380-03-9] | 0,54 | ng/g |
| Information value | 2,2',3,3',4,4'-Hexachlorobiphenyl (PCB 128) | [38380-07-3] | 0,27 | ng/g |
| Information value | 2,3,3',4,4',5'-Hexachlorobiphenyl (PCB 156) | [38380-08-4] | 0,32 | ng/g |
| Information value | 2,2',3,3',4',5,6-Heptachlorobiphenyl (PCB 177) | [52663-70-4] | 0,2 | ng/g |
| Information value | 2,2',3,4,4',5',6-Heptachlorobiphenyl (PCB 183) | [52663-69-1] | 0,27 | ng/g |
| Information value | 2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB 187) | [52663-68-0] | 0,39 | ng/g |
| Information value | 2,2',3,3',4,4',5,6-Octachlorobiphenyl (PCB 195) | [52663-78-2] | 0,08 | ng/g |

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|-------------------|-------------------------------------|--------------|------|------|
| | chlorobiphenyl (PCB 195) | | | |
| Information value | 2,2',3,3',4,5',6,6'-Oct | [40186-71-8] | 0,15 | ng/g |
| | achlorobiphenyl (PCB 201) (BZ# 200) | | | |
| Information value | 2,2',3,3',4,4',5,5',6-N | [40186-72-9] | 0,34 | ng/g |
| | onachlorobiphenyl (PCB 206) | | | |
| Information value | 2,2',3,3',4,4',5,5',6,6 | [2051-24-3] | 0,14 | ng/g |
| | '-Decachlorobiphenyl (PCB 209) | | | |
| Information value | EOM | | 0,65 | mg/g |
| Information value | UVF equivalent Chrysene | | 14 | µg/g |
| Information value | UVF equivalent ROPME oil | | 180 | µg/g |
| Information value | Total Aliphatics | | 55 | µg/g |
| Information value | Resolved Aliphatics | | 6,9 | µg/g |
| Information value | Unresolved Aliphatics | | 62 | µg/g |
| Information value | n-C18 | | 92 | ng/g |
| Information value | Sum n-Alkanes (C14-C34) | | 3,9 | µg/g |
| Information value | Total Aromatics | | 1,4 | µg/g |
| Information value | Resolved Aromatics | | 0,9 | µg/g |
| Information value | Unresolved Aromatics | | 8,4 | µg/g |
| Information value | Biphenyl | [92-52-4] | 11 | ng/g |
| Information value | 2,6-Dimethylnaphthalene | [581-42-0] | 21 | ng/g |
| Information value | 2-Methylphenanthrene | [2531-84-2] | 26 | ng/g |
| Information value | Triphenylene | [217-59-4] | 110 | ng/g |
| Information value | 1-Methylpyrene | [2381-21-7] | 17 | ng/g |
| Information value | Benzo(a)fluoranthene | [203-33-8] | 15 | ng/g |