

## Target Analytes in NIST Intercomparison Exercise Program for Organic Contaminants in the Marine Environment

### Chlorinated Pesticides

hexachlorobenzene	2,4'-DDE
alpha-HCH (alpha-BHC)	4,4'-DDE
gamma-HCH (gamma-BHC, Lindane)	2,4'-DDD
beta-HCH	4,4'-DDD
heptachlor	2,4'-DDT
heptachlor epoxide	4,4'-DDT
<i>cis</i> -chlordane (alpha-chlordane)	aldrin
<i>trans</i> -chlordane (gamma-chlordane)	dieldrin
oxychlordane	endrin
<i>cis</i> -nonachlor	endosulfan sulfate
<i>trans</i> -nonachlor	endosulfan I
mirex	endosulfan II
chlorpyrifos	

### Polychlorinated Biphenyl Congeners

<i>PCB No.</i>	<i>Compound Name</i>
8	2,4'-dichlorobiphenyl
18	2,2',5-trichlorobiphenyl
28	2,4,4'-trichlorobiphenyl
31	2,4',5-trichlorobiphenyl
44	2,2',3,5'-tetrachlorobiphenyl
49	2,2',4,5'-tetrachlorobiphenyl
52	2,2',5,5'-tetrachlorobiphenyl
66	2,3',4,4'-tetrachlorobiphenyl
95	2,2',3,5',6-pentachlorobiphenyl
99	2,2',4,4',5-pentachlorobiphenyl
101	2,2',4,5,5'-pentachlorobiphenyl
105	2,3,3',4,4'-pentachlorobiphenyl
118	2,3',4,4',5-pentachlorobiphenyl
128	2,2',3,3',4,4'-hexachlorobiphenyl
138	2,2',3,4,4',5'-hexachlorobiphenyl
149	2,2',3,4',5,6-hexachlorobiphenyl
153	2,2',4,4',5,5'-hexachlorobiphenyl
156	2,3,3',4,4',5-hexachlorobiphenyl
170	2,2',3,3',4,4',5-heptachlorobiphenyl
180	2,2',3,4,4',5,5'-heptachlorobiphenyl
187	2,2',3,4',5,5',6-heptachlorobiphenyl
194	2,2',3,3',4,4',5,5'-octachlorobiphenyl
195	2,2',3,3',4,4',5,6-octachlorobiphenyl
206	2,2',3,3',4,4',5,5',6-nonachlorobiphenyl
209	decachlorobiphenyl

(continued)

Polycyclic aromatic hydrocarbons (PAH)

naphthalene	benz[ <i>a</i> ]anthracene
2-methylnaphthalene	chrysene
1-methylnaphthalene	triphenylene
biphenyl	benzo[ <i>b</i> ]fluoranthene
2,6-dimethylnaphthalene	benzo[ <i>j</i> ]fluoranthene
acenaphthylene	benzo[ <i>k</i> ]fluoranthene
acenaphthene	benzo[ <i>e</i> ]pyrene
1,6,7-trimethylnaphthalene	benzo[ <i>a</i> ]pyrene
fluorene	perylene
phenanthrene	indeno[1,2,3- <i>cd</i> ]pyrene
anthracene	dibenz[ <i>a,h</i> ]anthracene
1-methylphenanthrene	benzo[ <i>ghi</i> ]perylene
fluoranthene	
pyrene	

Polybrominated diphenyl ethers (PBDEs)

BDE 15	BDE 138
BDE 17	BDE 153
BDE 25	BDE 154
BDE 28	BDE 155
BDE 30	BDE 156
BDE 33	BDE 181
BDE 47	BDE 183
BDE 49	BDE 190
BDE 66	BDE 191
BDE 71	BDE 196
BDE 75	BDE 197
BDE 85	BDE 203
BDE 99	BDE 205
BDE 100	BDE 206
BDE 116	BDE 207
BDE 118	BDE 208
BDE 119	BDE 209