

Chemical	CAS Number	Available method?	RMP		Other detections	Howard & Muir		
			monitored in SF	RMP detected		HPV	2010	Ranking
Bis(2-ethylhexyl)-2,3,4,5-tetrabromophthalate (TBPH or BEHTBP)	26040-51-7	Stapleton - matrix interference	X		ring-billed gull livers, St. Lawrence, Canada	X	X	★★★
2-ethylhexyl-2,3,4,5-tetrabromobenzoate (TBB or EHTBB)	183658-27-7	Stapleton - matrix interference	X		ring-billed gull livers, St. Lawrence, Canada	-		★★★
Tris(1,3-dichloro-2-propyl) phosphate (TDCPP or chlorinated tris)	13674-87-8	Chen, Stapleton	X	X		X	X	★★★
Tris(1-chloro-2-propyl) phosphate (TCPP)	13674-84-5	Chen, Stapleton	X	X		-	X	★★★
Triphenyl phosphate (TPP)	115-86-6	Chen, Stapleton	X	X		X		★★★
Ethylene bis-tetrabromophthalidimide (EBTPI)	32588-76-4	AXYS may develop			one seepage water sample from Norway	X	X	★★★
1,2-dibromo-4-(1,2-dibromoethyl)cyclohexane (TBECH)	3322-93-8	AXYS may develop			Arctic marine blubber	-	X	★★★
Pentabromoethylbenzene (PBEB)	000085-22-3	Stapleton, AXYS semiquant	X	X		-		★★
Decabromodiphenyl ethane (DBDPE)	84852-53-9	Stapleton, AXYS semiquant	X		Great Lake gull eggs	-	X	★★
Bis(2,4,6-tribromophenoxy)ethane (BTBPE)	37853-59-1	Stapleton, AXYS semiquant	X	X		X	X	★★
Hexabromobenzene (HBB)	87-82-1	Stapleton, AXYS semiquant	X		peregrine falcon eggs from Canada and Spain	-		★★
Tetradecabromodiphenoxybenzene (TDBDPB)	58965-66-5	Chen			methoxylated degradation products found in eggs	-	X	★★
Hexabromocyclododecane (HBCD)	3194-55-6	AXYS	X	X		X	X	★
Dechlorane Plus (DP); Bis(hexachlorocyclopentadieno)cyclooctane	13560-89-9	Stapleton	X	X		X	X	★
Tetrabromobisphenol A (TBBPA)	79-94-7	AXYS			rare in biota; metabolized?	X	X	★
Dibutyl chlorendate	1770-80-5					-	X	★
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	Chen	X	X		X		
Tris(2-butoxyethyl) phosphate (TBEP)	78-51-3	Chen	X	X		X		
Tripropylphosphate	513-08-6	Chen	X			-		
Tris(2,3-dibromopropyl) phosphate	126-72-7	Chen	X			-		
Tributyl phosphate	126-73-8	Chen	X		Marine and freshwater perch and marine mussels in Sweden	X		
Tricresyl phosphate	1330-78-5	Chen	X		Marine and freshwater perch and marine mussels in Sweden	X		
2-Ethylhexyl-diphenyl phosphate	1241-94-7	Chen	X			X		
Tris(2-bromo-4-methylphenyl) phosphate		Chen	X			-		
Tris(2-ethylhexyl) phosphate	78-42-2	Chen	X		Cincinnati wastewater facility	X		
Tris(tribromoneopentyl) phosphate	19186-97-1					-		
Bis(2-chloropropyl) 2-chloro-1-methylethyl phosphate	76649-15-5					X	X	
Isopropyl diphenyl phosphate	28108-99-8					X	X	
Tri(t-butylphenyl) phosphate	31570-04-4					X	X	
Tris(4-butylphenyl) phosphate (TBPP)	78-33-1	Stapleton?			U.S. couch samples purchased in 2005 or later	X		

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Isopropylated triaryl phosphate isomers (particularly mono-ITP)	68937-41-7					X	
Tris(2-chloropropyl)phosphate	6145-73-9				indoor air samples	X	X
Tris(isobutylphenyl) phosphate	68937-40-6					-	X
Phosphoric acid, mixed 3-bromo-2,2-dimethylpropyl and 2-bromoethyl and 2-chloroethyl esters	125997-20-8					X	X
Resorcinol bis-diphenylphosphate	57583-54-7	X			dust	-	
Bisphenol A bis-(diphenyl phosphate) (BAPP)	5945-33-5						
Tetrabromobisphenol A-bis(2,3-dibromopropylether) (TBBPA-DBPE)	21850-44-2	X			indoor dust, e-waste facilities in Thailand	X	X
Tetrabromobisphenol A dihydroxyethyl ether (TBBPA-DHEE)	4162-45-2					-	X
Tetrabromobisphenol A bis(allyl ether) (TBBPA-BAE)	25327-89-3	X			herring gull eggs in the Great Lakes Region	-	X
Carbonic dichloride, polymer with 4,4'-(1-methylethylidene)bis[2,6-dibromophenol] and phenol tetrabromobisphenol related. Polymeric – tetrabromobisphenol-A carbonate oligomer, phenoxy end capped - BC-52 (Great lakes)	94334-64-2					-	X
N,N'-(ethylene)bis[4,5-dibromohexahydro-3,6-methanophthalimide]	52907-07-0					-	X
Octabromo-1,3,3-trimethyl-1-phenylindane (OBIND)	155613-93-7					-	X
1,2,3,4,5-Pentabromo-6-chlorocyclohexane (PBCC)	87-84-3					-	
Hexachlorocyclopentadienyldibromocyclooctane (HCDBCO)	51936-55-1					-	
Tris(tribromophenoxy) triazine (TBPT)	25713-60-4					-	
Melamine Cyanurate	37640-57-6					-	
Melamine Polyphosphate	20208-95-1					-	
Phosphonate Oligomer/Polyphosphonate	38720-58-0					-	
Poly[phosphonate-co-carbonate]	77226-90-5					-	
Benzene, 1,1'-[1,2-ethanediylbis(oxy)]bis[2,3,4,5,6-pentabromo-	61262-53-1					-	X
1,2-Benzenedicarboxylic acid, 3,4,5,6-tetrabromo-, 2-(2-hydroxyethoxy)ethyl-2-hydroxypropyl ester (e.g. Diester/ether diol of tetrabromophthalic anhydride)	77098-07-8					X	X
(E)-N,N-bis(2,4,6-tribromophenyl)but-2-enediamide	92484-07-6					-	X
Di-2-ethylhexyl chlorendate	4827-55-8					-	X
2,4,6-tribromophenyl allyl ether (ATE)	3278-89-5				Great Lakes atmosphere	-	
Pentabromotoluene PBT	87-83-2	X			Herring gulls in Laurentian Great Lakes	-	
Tetrabromophthalic anhydride (TPA)	632-79-1	X			Sediment in the Western Scheldt estuary (the Netherlands)	X	
2-(2-Hydroxyethoxy) ethyl-2-hydroxypropyl-3,4,5,6-tetrabromo phthalate	20566-35-2					-	X
Tris(2,3,-dibromopropyl) isocyanurate (TBC)	52434-90-9	X			mollusks in the Chinese Bohai Sea	-	
1,2,5,6-Tetrabromocyclooctane (TBCO)	3194-57-8					-	
9,10-Dihydro-9-oxa-10-phosphaphenanthrene-10-oxide (DOPO)	35948-25-5					-	