

**PCB CONGENERS ANALYTE GROUP by GC, GC/MS, HR GC/MS**

From 5/20 Application Form Attachment A1

Analyte (IUPAC Name)	BZ Congener Number	CASRN
Biphenyl	0	92-52-4
2-Chlorobiphenyl	1	2051-60-7
3-Chlorobiphenyl	2	2051-61-8
4-Chlorobiphenyl	3	2051-62-9
2,2'-Dichlorobiphenyl	4	13029-08-8
2,3-Dichlorobiphenyl	5	16605-91-7
2,3'-Dichlorobiphenyl	6	25569-80-6
2,4-Dichlorobiphenyl	7	33284-50-3
2,4'-Dichlorobiphenyl	8	34883-43-7
2,5-Dichlorobiphenyl	9	34883-39-1
2,6-Dichlorobiphenyl	10	33146-45-1
3,3'-Dichlorobiphenyl	11	2050-67-1
3,4-Dichlorobiphenyl	12	2974-92-7
3,4'-Dichlorobiphenyl	13	2974-90-5
3,5-Dichlorobiphenyl	14	34883-41-5
4,4'-Dichlorobiphenyl	15	2050-68-2
2,2',3-Trichlorobiphenyl	16	38444-78-9
2,2',4-Trichlorobiphenyl	17	37680-66-3
2,2',5-Trichlorobiphenyl	18	37680-65-2
2,2',6-Trichlorobiphenyl	19	38444-73-4
2,3,3'-Trichlorobiphenyl	20	38444-84-7
2,3,4-Trichlorobiphenyl	21	55702-46-0
2,3,4'-Trichlorobiphenyl	22	38444-85-8
2,3,5-Trichlorobiphenyl	23	55720-44-0
2,3,6-Trichlorobiphenyl	24	55702-45-9
2,3',4-Trichlorobiphenyl	25	55712-37-3
2,3',5-Trichlorobiphenyl	26	38444-81-4
2,3',6-Trichlorobiphenyl	27	38444-76-7
2,4,4'-Trichlorobiphenyl	28	7012-37-5
2,4,5-Trichlorobiphenyl	29	15862-07-4
2,4,6-Trichlorobiphenyl	30	35693-92-6
2,4',5-Trichlorobiphenyl	31	16606-02-3
2,4',6-Trichlorobiphenyl	32	38444-77-8
2,3',4'-Trichlorobiphenyl	33	38444-86-9
2,3',5'-Trichlorobiphenyl	34	37680-68-5
3,3',4-Trichlorobiphenyl	35	37680-69-6
3,3',5-Trichlorobiphenyl	36	38444-87-0
3,4,4'-Trichlorobiphenyl	37	38444-90-5
3,4,5-Trichlorobiphenyl	38	53555-66-1
3,4',5-Trichlorobiphenyl	39	38444-88-1
2,2',3,3'-Tetrachlorobiphenyl	40	38444-93-8
2,2',3,4-Tetrachlorobiphenyl	41	52663-59-9
2,2',3,4'-Tetrachlorobiphenyl	42	36559-22-5
2,2',3,5-Tetrachlorobiphenyl	43	70362-46-8
2,2',3,5'-Tetrachlorobiphenyl	44	41464-39-5
2,2',3,6-Tetrachlorobiphenyl	45	70362-45-7
2,2',3,6'-Tetrachlorobiphenyl	46	41464-47-5
2,2',4,4'-Tetrachlorobiphenyl	47	2437-79-8
2,2',4,5-Tetrachlorobiphenyl	48	70362-47-9
2,2',4,5'-Tetrachlorobiphenyl	49	41464-40-8
2,2',4,6-Tetrachlorobiphenyl	50	62796-65-0
2,2',4,6'-Tetrachlorobiphenyl	51	68194-04-7
2,2',5,5'-Tetrachlorobiphenyl	52	35693-99-3
2,2',5,6-Tetrachlorobiphenyl	53	41464-41-9
2,2',6,6'-Tetrachlorobiphenyl	54	15968-05-5

IUPAC Name	BZ Congener Number	CASRN
2,3,3',4-Tetrachlorobiphenyl	55	74338-24-2
2,3,3',4'-Tetrachlorobiphenyl	56	41464-43-1
2,3,3',5-Tetrachlorobiphenyl	57	70424-67-8
2,3,3',5'-Tetrachlorobiphenyl	58	41464-49-7
2,3,3',6-Tetrachlorobiphenyl	59	74472-33-6
2,3,4,4'-Tetrachlorobiphenyl	60	33025-41-1
2,3,4,5-Tetrachlorobiphenyl	61	33284-53-6
2,3,4,6-Tetrachlorobiphenyl	62	54230-22-7
2,3,4',5-Tetrachlorobiphenyl	63	74472-34-7
2,3,4',6-Tetrachlorobiphenyl	64	52663-58-8
2,3,5,6-Tetrachlorobiphenyl	65	33284-54-7
2,3',4,4'-Tetrachlorobiphenyl	66	32598-10-0
2,3',4,5-Tetrachlorobiphenyl	67	73575-53-8
2,3',4,5'-Tetrachlorobiphenyl	68	73575-52-7
2,3',4,6-Tetrachlorobiphenyl	69	60233-24-1
2,3',4',5-Tetrachlorobiphenyl	70	32598-11-1
2,3',4',6-Tetrachlorobiphenyl	71	41464-46-4
2,3',5,5'-Tetrachlorobiphenyl	72	41464-42-0
2,3',5',6-Tetrachlorobiphenyl	73	74338-23-1
2,4,4',5-Tetrachlorobiphenyl	74	32690-93-0
2,4,4',6-Tetrachlorobiphenyl	75	32598-12-2
2,3',4',5'-Tetrachlorobiphenyl	76	70362-48-0
3,3',4,4'-Tetrachlorobiphenyl	77	32598-13-3
3,3',4,5-Tetrachlorobiphenyl	78	70362-49-1
3,3',4,5'-Tetrachlorobiphenyl	79	41464-48-6
3,3',5,5'-Tetrachlorobiphenyl	80	33284-52-5
3,4,4',5-Tetrachlorobiphenyl	81	70362-50-4
2,2',3,3',4-Pentachlorobiphenyl	82	52663-62-4
2,2',3,3',5-Pentachlorobiphenyl	83	60145-20-2
2,2',3,3',6-Pentachlorobiphenyl	84	52663-60-2
2,2',3,4,4'-Pentachlorobiphenyl	85	65510-45-4
2,2',3,4,5-Pentachlorobiphenyl	86	55312-69-1
2,2',3,4,5'-Pentachlorobiphenyl	87	38380-02-8
2,2',3,4,6-Pentachlorobiphenyl	88	55215-17-3
2,2',3,4,6'-Pentachlorobiphenyl	89	73575-57-2
2,2',3,4',5-Pentachlorobiphenyl	90	68194-07-0
2,2',3,4',6-Pentachlorobiphenyl	91	68194-05-8
2,2',3,5,5'-Pentachlorobiphenyl	92	52663-61-3
2,2',3,5,6-Pentachlorobiphenyl	93	73575-56-1
2,2',3,5,6'-Pentachlorobiphenyl	94	73575-55-0
2,2',3,5',6-Pentachlorobiphenyl	95	38379-99-6
2,2',3,6,6'-Pentachlorobiphenyl	96	73575-54-9
2,2',3,4',5'-Pentachlorobiphenyl	97	41464-51-1
2,2',3,4',6'-Pentachlorobiphenyl	98	60233-25-2
2,2',4,4',5-Pentachlorobiphenyl	99	38380-01-7
2,2',4,4',6-Pentachlorobiphenyl	100	39485-83-1
2,2',4,5,5'-Pentachlorobiphenyl	101	37680-73-2
2,2',4,5,6'-Pentachlorobiphenyl	102	68194-06-9
2,2',4,5',6-Pentachlorobiphenyl	103	60145-21-3
2,2',4,6,6'-Pentachlorobiphenyl	104	56558-16-8
2,3,3',4,4'-Pentachlorobiphenyl	105	32598-14-4
2,3,3',4,5-Pentachlorobiphenyl	106	70424-69-0
2,3,3',4',5-Pentachlorobiphenyl	107	70424-68-9
2,3,3',4,5'-Pentachlorobiphenyl	108	70362-41-3
2,3,3',4,6-Pentachlorobiphenyl	109	74472-35-8

Analyte (IUPAC Name)	BZ Congener Number	CASRN
2,3,3',4',6-Pentachlorobiphenyl	110	38380-03-9
2,3,3',5,5'-Pentachlorobiphenyl	111	39635-32-0
2,3,3',5,6-Pentachlorobiphenyl	112	74472-36-9
2,3,3',5',6-Pentachlorobiphenyl	113	68194-10-5
2,3,4,4',5-Pentachlorobiphenyl	114	74472-37-0
2,3,4,4',6-Pentachlorobiphenyl	115	74472-38-1
2,3,4,5,6-Pentachlorobiphenyl	116	18259-05-7
2,3,4',5,6-Pentachlorobiphenyl	117	68194-11-6
2,3',4,4',5-Pentachlorobiphenyl	118	31508-00-6
2,3',4,4',6-Pentachlorobiphenyl	119	56558-17-9
2,3',4,5,5'-Pentachlorobiphenyl	120	68194-12-7
2,3',4,5,6-Pentachlorobiphenyl	121	56558-18-0
2,3,3',4',5'-Pentachlorobiphenyl	122	76842-07-4
2,3',4,4',5'-Pentachlorobiphenyl	123	65510-44-3
2,3',4',5,5'-Pentachlorobiphenyl	124	70424-70-3
2,3',4',5,6-Pentachlorobiphenyl	125	74472-39-2
3,3',4,4',5-Pentachlorobiphenyl	126	57465-28-8
3,3',4,5,5'-Pentachlorobiphenyl	127	39635-33-1
2,2',3,3',4,4'-Hexachlorobiphenyl	128	38380-07-3
2,2',3,3',4,5-Hexachlorobiphenyl	129	55215-18-4
2,2',3,3',4,5'-Hexachlorobiphenyl	130	52663-66-8
2,2',3,3',4,6-Hexachlorobiphenyl	131	61798-70-7
2,2',3,3',4,6'-Hexachlorobiphenyl	132	38380-05-1
2,2',3,3',5,5'-Hexachlorobiphenyl	133	35694-04-3
2,2',3,3',5,6-Hexachlorobiphenyl	134	52704-70-8
2,2',3,3',5,6'-Hexachlorobiphenyl	135	52744-13-5
2,2',3,3',6,6'-Hexachlorobiphenyl	136	38411-22-2
2,2',3,4,4',5-Hexachlorobiphenyl	137	35694-06-5
2,2',3,4,4',5'-Hexachlorobiphenyl	138	35065-28-2
2,2',3,4,4',6-Hexachlorobiphenyl	139	56030-56-9
2,2',3,4,4',6'-Hexachlorobiphenyl	140	59291-64-4
2,2',3,4,5,5'-Hexachlorobiphenyl	141	52712-04-6
2,2',3,4,5,6-Hexachlorobiphenyl	142	41411-61-4
2,2',3,4,5,6'-Hexachlorobiphenyl	143	68194-15-0
2,2',3,4,5',6-Hexachlorobiphenyl	144	68194-14-9
2,2',3,4,6,6'-Hexachlorobiphenyl	145	74472-40-5
2,2',3,4',5,5'-Hexachlorobiphenyl	146	51908-16-8
2,2',3,4',5,6-Hexachlorobiphenyl	147	68194-13-8
2,2',3,4',5,6'-Hexachlorobiphenyl	148	74472-41-6
2,2',3,4',6,6'-Hexachlorobiphenyl	149	38380-04-0
2,2',3,4',6',6-Hexachlorobiphenyl	150	68194-08-1
2,2',3,5,5',6-Hexachlorobiphenyl	151	52663-63-5
2,2',3,5,6,6'-Hexachlorobiphenyl	152	68194-09-2
2,2',4,4',5,5'-Hexachlorobiphenyl	153	35065-27-1
2,2',4,4',5,6'-Hexachlorobiphenyl	154	60145-22-4
2,2',4,4',6,6'-Hexachlorobiphenyl	155	33979-03-2
2,3,3',4,4',5-Hexachlorobiphenyl	156	38380-08-4
2,3,3',4,4',5'-Hexachlorobiphenyl	157	69782-90-7
2,3,3',4,4',6-Hexachlorobiphenyl	158	74472-42-7
2,3,3',4,5,5'-Hexachlorobiphenyl	159	39635-35-3

IUPAC Name	BZ Congener Number	CASRN
2,3,3',4,5,6-Hexachlorobiphenyl	160	41411-62-5
2,3,3',4,5',6-Hexachlorobiphenyl	161	74472-43-8
2,3,3',4',5,5'-Hexachlorobiphenyl	162	39635-34-2
2,3,3',4',5,6-Hexachlorobiphenyl	163	74472-44-9
2,3,3',4',5',6-Hexachlorobiphenyl	164	74472-45-0
2,3,3',5,5',6-Hexachlorobiphenyl	165	74472-46-1
2,3,4,4',5,6-Hexachlorobiphenyl	166	41411-63-6
2,3',4,4',5,5'-Hexachlorobiphenyl	167	52663-72-6
2,3',4,4',5',6-Hexachlorobiphenyl	168	59291-65-5
3,3',4,4',5,5'-Hexachlorobiphenyl	169	32774-16-6
2,2',3,3',4,4',5-Heptachlorobiphenyl	170	35065-30-6
2,2',3,3',4,4',6-Heptachlorobiphenyl	171	52663-71-5
2,2',3,3',4,5,5'-Heptachlorobiphenyl	172	52663-74-8
2,2',3,3',4,5,6-Heptachlorobiphenyl	173	68194-16-1
2,2',3,3',4,5,6'-Heptachlorobiphenyl	174	38411-25-5
2,2',3,3',4,5',6-Heptachlorobiphenyl	175	40186-70-7
2,2',3,3',4,6,6'-Heptachlorobiphenyl	176	52663-65-7
2,2',3,3',4,5',6'-Heptachlorobiphenyl	177	52663-70-4
2,2',3,3',5,5',6-Heptachlorobiphenyl	178	52663-67-9
2,2',3,3',5,6,6'-Heptachlorobiphenyl	179	52663-64-6
2,2',3,4,4',5,5'-Heptachlorobiphenyl	180	35065-29-3
2,2',3,4,4',5,6-Heptachlorobiphenyl	181	74472-47-2
2,2',3,4,4',5,6'-Heptachlorobiphenyl	182	60145-23-5
2,2',3,4,4',5',6-Heptachlorobiphenyl	183	52663-69-1
2,2',3,4,4',6,6'-Heptachlorobiphenyl	184	74472-48-3
2,2',3,4,5,5',6-Heptachlorobiphenyl	185	52712-05-7
2,2',3,4,5,6,6'-Heptachlorobiphenyl	186	74472-49-4
2,2',3,4',5,5',6-Heptachlorobiphenyl	187	52663-68-0
2,2',3,4',5,6,6'-Heptachlorobiphenyl	188	74487-85-7
2,3,3',4,4',5,5'-Heptachlorobiphenyl	189	39635-31-9
2,3,3',4,4',5,6-Heptachlorobiphenyl	190	41411-64-7
2,3,3',4,4',5',6-Heptachlorobiphenyl	191	74472-50-7
2,3,3',4,5,5',6-Heptachlorobiphenyl	192	74472-51-8
2,3,3',4',5,5',6-Heptachlorobiphenyl	193	69782-91-8
2,2',3,3',4,4',5,5'-Octachlorobiphenyl	194	35694-08-7
2,2',3,3',4,4',5,6-Octachlorobiphenyl	195	52663-78-2
2,2',3,3',4,4',5,6'-Octachlorobiphenyl	196	42740-50-1
2,2',3,3',4,4',6,6'-Octachlorobiphenyl	197	33091-17-7
2,2',3,3',4,5,5',6-Octachlorobiphenyl	198	68194-17-2
2,2',3,3',4,5,6,6'-Octachlorobiphenyl	199	52663-75-9
2,2',3,3',4,5,6',6-Octachlorobiphenyl	200	52663-73-7
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	201	40186-71-8
2,2',3,3',5,5',6,6'-Octachlorobiphenyl	202	2136-99-4
2,2',3,4,4',5,5',6-Octachlorobiphenyl	203	52663-76-0
2,2',3,4,4',5,6,6'-Octachlorobiphenyl	204	74472-52-9
2,3,3',4,4',5,5',6-Octachlorobiphenyl	205	74472-53-0
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	206	40186-72-9
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	207	52663-79-3
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	208	52663-77-1
Decachlorobiphenyl	209	2051-24-3