

PCN Target Compounds and Quantitation Limits

PCN Congener	IUPAC	Water (pg/L)	Solid (pg/g)	Fish/Tissue (pg/g)
1-MonoCN	1	50	5.0	5.0
2-MonoCN	2	50	5.0	5.0
1,2-DiCN	3	50	5.0	5.0
1,4-DiCN	5	50	5.0	5.0
1,5-DiCN	6	50	5.0	5.0
1,8-DiCN	9	50	5.0	5.0
2,3-DiCN	10	50	5.0	5.0
2,7-DiCN	12	50	5.0	5.0
1,2,3-TriCN	13	50	5.0	5.0
1,2,3,4-TetraCN	27	50	5.0	5.0
1,2,5,6-TetraCN	28/36	100	10	10.0
1,2,3,8-TetraCN	31	50	5.0	5.0
1,3,5,7-TetraCN	42	50	5.0	5.0
1,4,5,8-TetraCN	46	50	5.0	5.0
2,3,6,7-TetraCN	48	50	5.0	5.0
1,2,3,4,5-PentaCN	49	50	5.0	5.0
1,2,3,4,6-PentaCN	50	50	5.0	5.0
1,2,3,5,7-PentaCN	52	50	5.0	5.0
1,2,3,5,8-PentaCN	53	50	5.0	5.0
1,2,3,6,7-PentaCN	54	50	5.0	5.0
1,2,3,5,6,7-HexaCN	66/67	100	10	10
1,2,3,5,6,8-HexaCN	68	50	5.0	5.0
1,2,3,5,7,8-HexaCN	69	50	5.0	5.0
1,2,3,6,7,8-HexaCN	70	50	5.0	5.0
1,2,4,5,6,8-HexaCN	71/72	100	10	10
1,2,3,4,5,6,7-HeptaCN	73	50	5.0	5.0
1,2,3,4,5,6,8-HeptaCN	74	50	5.0	5.0
OctaCN	75	50	5.0	5.0
Total PCN Homologues				
Monochloronaphthalenes (MonoCN)		50	5.0	5.0
Dichloronaphthalenes (DiCN)		50	5.0	5.0
Trichloronaphthalenes (TriCN)		50	5.0	5.0
Tetrachloronaphthalenes (TCN)		50	5.0	5.0
Pentachloronaphthalenes		50	5.0	5.0
Hexachloronaphthalenes		50	5.0	5.0
Heptachloronaphthalenes (HpCN)		50	5.0	5.0
Octachloronaphthalenes (OctaCN)		50	5.0	5.0

Quantitation limits listed are based upon 1 liter of aqueous sample, 10 grams dry weight solid, and 10 grams fish/tissue sample. Quantitation limits are based upon the single PCN congener used to calibrate for the homologue series.