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EC-4976

Method 1668A/B/C Calibration Solutions [CS1-CS5]

5x0.2 mL  
 in nonane/isooctane

*All concentrations are in ng/mL*

Native Toxics/LOC	IUPAC	CS0.2*	CS1	CS2	CS3	CS4	CS5
2-MonoCB	1	0.2	1.0	5.0	50	400	2000
4-MonoCB	3	0.2	1.0	5.0	50	400	2000
2,2'-DiCB	4	0.2	1.0	5.0	50	400	2000
4,4'-DiCB	15	0.2	1.0	5.0	50	400	2000
2,2',6-TriCB	19	0.2	1.0	5.0	50	400	2000
3,4,4'-TriCB	37	0.2	1.0	5.0	50	400	2000
2,2',6,6'-TetraCB	54	0.2	1.0	5.0	50	400	2000
3,3',4,4'-TetraCB	77	0.2	1.0	5.0	50	400	2000
3,4,4',5-TetraCB	81	0.2	1.0	5.0	50	400	2000
2,2',4,6,6'-PentaCB	104	0.2	1.0	5.0	50	400	2000
2,3,3',4,4'-PentaCB	105	0.2	1.0	5.0	50	400	2000
2,3,4,4',5-PentaCB	114	0.2	1.0	5.0	50	400	2000
2,3',4,4',5-PentaCB	118	0.2	1.0	5.0	50	400	2000
2',3,4,4',5-PentaCB	123	0.2	1.0	5.0	50	400	2000
3,3',4,4',5-PentaCB	126	0.2	1.0	5.0	50	400	2000
2,2',4,4',6,6'-HexaCB	155	0.2	1.0	5.0	50	400	2000
2,3,3',4,4',5-HexaCB	156	0.2	1.0	5.0	50	400	2000
2,3,3',4,4',5'-HexaCB	157	0.2	1.0	5.0	50	400	2000
2,3',4,4',5,5'-HexaCB	167	0.2	1.0	5.0	50	400	2000
3,3',4,4',5,5'-HexaCB	169	0.2	1.0	5.0	50	400	2000
2,2',3,4',5,6,6'-HeptaCB	188	0.2	1.0	5.0	50	400	2000
2,3,3',4,4',5,5'-HeptaCB	189	0.2	1.0	5.0	50	400	2000
2,2',3,3',5,5',6,6'-OctaCB	202	0.2	1.0	5.0	50	400	2000
2,3,3',4,4',5,5',6-OctaCB	205	0.2	1.0	5.0	50	400	2000
2,2',3,3',4,4',5,5',6-NonaCB	206	0.2	1.0	5.0	50	400	2000
2,2',3,3',4,4',5,5',6'-NonaCB	208	0.2	1.0	5.0	50	400	2000
DecaCB	209	0.2	1.0	5.0	50	400	2000

*\*Optional*

Labeled Toxics/LOC/Window Defining	IUPAC	CS0.2*	CS1	CS2	CS3	CS4	CS5
2-MonoCB ( <sup>13</sup> C <sub>12</sub> , 99%)	1	100	100	100	100	100	100
4-MonoCB ( <sup>13</sup> C <sub>12</sub> , 99%)	3	100	100	100	100	100	100
2,2'-DiCB ( <sup>13</sup> C <sub>12</sub> , 99%)	4	100	100	100	100	100	100
4,4'-DiCB ( <sup>13</sup> C <sub>12</sub> , 99%)	15	100	100	100	100	100	100
2,2',6-TriCB ( <sup>13</sup> C <sub>12</sub> , 99%)	19	100	100	100	100	100	100
3,4,4'-TriCB ( <sup>13</sup> C <sub>12</sub> , 99%)	37	100	100	100	100	100	100
2,2',6,6'-TetraCB ( <sup>13</sup> C <sub>12</sub> , 98%)	54	100	100	100	100	100	100
3,3',4,4'-TetraCB ( <sup>13</sup> C <sub>12</sub> , 99%)	77	100	100	100	100	100	100
3,4,4',5-TetraCB ( <sup>13</sup> C <sub>12</sub> , 99%)	81	100	100	100	100	100	100
2,2',4,6,6'-PentaCB ( <sup>13</sup> C <sub>12</sub> , 98%)	104	100	100	100	100	100	100
2,3,3',4,4'-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	105	100	100	100	100	100	100
2,3,4,4',5-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	114	100	100	100	100	100	100
2,3',4,4',5-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	118	100	100	100	100	100	100
2',3,4,4',5-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	123	100	100	100	100	100	100
3,3',4,4',5-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	126	100	100	100	100	100	100
2,2',4,4',6,6'-HexaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	155	100	100	100	100	100	100
2,3,3',4,4',5-HexaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	156	100	100	100	100	100	100
2,3,3',4,4',5'-HexaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	157	100	100	100	100	100	100
2,3',4,4',5,5'-HexaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	167	100	100	100	100	100	100
3,3',4,4',5,5'-HexaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	169	100	100	100	100	100	100
2,2',3,4',5,6,6'-HeptaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	188	100	100	100	100	100	100
2,3,3',4,4',5,5'-HeptaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	189	100	100	100	100	100	100
2,2',3,3',5,5',6,6'-OctaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	202	100	100	100	100	100	100
2,3,3',4,4',5,5',6-OctaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	205	100	100	100	100	100	100
2,2',3,3',4,4',5,5',6-NonaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	206	100	100	100	100	100	100
2,2',3,3',4,5,5',6,6'-NonaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	208	100	100	100	100	100	100
DecaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	209	100	100	100	100	100	100

#### Labeled Cleanup

2,4,4'-TriCB ( <sup>13</sup> C <sub>12</sub> , 99%)	28	100	100	100	100	100	100
2,3,3',5,5'-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	111	100	100	100	100	100	100
2,2',3,3',5,5',6-HeptaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	178	100	100	100	100	100	100

#### Labeled Injection Internal

2,5-DiCB ( <sup>13</sup> C <sub>12</sub> , 99%)	9	100	100	100	100	100	100
2,2',5,5'-TetraCB ( <sup>13</sup> C <sub>12</sub> , 99%)	52	100	100	100	100	100	100
2,2',4,5,5'-PentaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	101	100	100	100	100	100	100
2,2',3,4,4',5'-HexaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	138	100	100	100	100	100	100
2,2',3,3',4,4',5,5'-OctaCB ( <sup>13</sup> C <sub>12</sub> , 99%)	194	100	100	100	100	100	100

\*Optional