EO-5319-A CDC BFR Calibration Standard (unlabeled/$^{13}C_{12}$, 99%) [CS1-CS10] 10 X 0.5 mL in Nonane

All concentrations are in ng/mL

Native BDEs	IUPAC#	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8	CS9	CS10
2,2',4-TriBDE	17	0.2	0.5	1	5	10	50	100	500	1000	2000
2,4,4'-TriBDE	28	0.2	0.5	1	5	10	50	100	500	1000	2000
2,2',4,4'-TetraBDE	47	0.2	0.5	1	5	10	50	100	500	1000	2000
2,3',4,4'-TetraBDE	66	0.2	0.5	1	5	10	50	100	500	1000	2000
2,2',4,4',6-PentaBDE	100	0.2	0.5	1	5	10	50	100	500	1000	2000
2,2',4,4',5-PentaBDE	99	0.2	0.5	1	5	10	50	100	500	1000	2000
2,2',3,4,4'-PentaBDE	85	0.2	0.5	1	5	10	50	100	500	1000	2000
2,2',4,4',5,6'-HexaBDE	154	0.2	0.5	1	5	10	50	100	500	1000	2000
2,2',4,4',5,5'-HexaBDE	153	0.2	0.5	1	5	10	50	100	500	1000	2000
2,2',3,4,4',5',6-HeptaBDE	183	0.2	0.5	1	5	10	50	100	500	1000	2000
2,2',3,3',4,4',5,6'-OctaBDE	196	0.2	0.5	1	5	10	50	100	500	1000	2000
2,2',3,3',4,4',6,6'-OctaBDE	197	0.2	0.5	1	5	10	50	100	500	1000	2000
2,2',3,4,4',5,5',6-OctaBDE	203	0.2	0.5	1	5	10	50	100	500	1000	2000
2,2',3,3',4,4',5,5',6-NonaBDE	206	0.2	0.5	1	5	10	50	100	500	1000	2000
2,2',3,3',4,4',5,6,6'-NonaBDE	207	0.2	0.5	1	5	10	50	100	500	1000	2000
2,2',3,3',4,5,5',6,6'-NonaBDE	208	0.2	0.5	1	5	10	50	100	500	1000	2000
DecaBDE	209	0.2	0.5	1	5	10	50	100	500	1000	2000
2,2',4,4',5,5'-HexaBB (PBB-153)		0.2	0.5	1	5	10	50	100	500	1000	2000
Hexabromobenzene		0.2	0.5	1	5	10	50	100	500	1000	2000
1,2-bis(Pentabromophenyl)ethane		0.2	0.5	1	5	10	50	100	500	1000	2000
1,2-bis(2,4,6-Tribromophenoxy)ethane		0.2	0.5	1	5	10	50	100	500	1000	2000
gamma-Hexabromocyclododecane		0.2	0.5	1	5	10	50	100	500	1000	2000
^{13}C-Labeled Compound	**IUPAC#**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**CS9**	**CS10**
1,2,3,4-TCDD ($^{13}C_6$, 99%)		25	25	25	25	25	25	25	25	25	25
2,2',3,3',4,5,5',6,6'-NonaCB ($^{13}C_{12}$, 99%)	208	100	100	100	100	100	100	100	100	100	100
2,4,4'-TriBDE ($^{13}C_{12}$, 99%)	28	75	75	75	75	75	75	75	75	75	75
2,2',4,4'-TetraBDE ($^{13}C_{12}$, 99%)	47	75	75	75	75	75	75	75	75	75	75
3,3',4,4'-TetraBDE ($^{13}C_{12}$, 99%)	77	75	75	75	75	75	75	75	75	75	75
2,2',4,4',6-PentaBDE ($^{13}C_{12}$, 99%)	100	75	75	75	75	75	75	75	75	75	75
2,2',4,4',5-PentaBDE ($^{13}C_{12}$, 99%)	99	75	75	75	75	75	75	75	75	75	75
2,2',4,4',5,6'-HexaBDE ($^{13}C_{12}$, 99%)	154	75	75	75	75	75	75	75	75	75	75
2,2',4,4',5,5'-HexaBDE ($^{13}C_{12}$, 99%)	153	75	75	75	75	75	75	75	75	75	75
2,2',3,4,4',6-HexaBDE ($^{13}C_{12}$, 99%)	139	75	75	75	75	75	75	75	75	75	75
2,2',3,4,4',5',6-HeptaBDE ($^{13}C_{12}$, 99%)	183	75	75	75	75	75	75	75	75	75	75
2,2',3,3',4,4',6,6'-OctaBDE ($^{13}C_{12}$, 99%)	197	75	75	75	75	75	75	75	75	75	75
2,2',3,4,4',5,5',6-OctaBDE ($^{13}C_{12}$, 99%)	203	75	75	75	75	75	75	75	75	75	75
2,2',3,3',4,4',5,5',6-NonaBDE ($^{13}C_{12}$, 99%)	206	75	75	75	75	75	75	75	75	75	75
2,2',3,3',4,4',5,6,6'-NonaBDE ($^{13}C_{12}$, 99%)	207	75	75	75	75	75	75	75	75	75	75
2,2',3,3',4,5,5',6,6'-NonaBDE ($^{13}C_{12}$, 99%)	208	75	75	75	75	75	75	75	75	75	75
DecaBDE ($^{13}C_{12}$, 99%)	209	500	500	500	500	500	500	500	500	500	500
2,2',4,4',5,5'-HexaBB (PBB-153) ($^{13}C_{12}$, 99%)		75	75	75	75	75	75	75	75	75	75
Hexabromobenzene ($^{13}C_6$, 99%)		75	75	75	75	75	75	75	75	75	75
1,2-bis(Pentabromophenyl)ethane ($^{13}C_{14}$, 99%)		75	75	75	75	75	75	75	75	75	75
1,2-Bis(2,4,6-Tribromophenoxy)ethane($^{13}C_{12}$,99%)		75	75	75	75	75	75	75	75	75	75
gamma-Hexabromocyclododecane ($^{13}C_{12}$, 99%)		75	75	75	75	75	75	75	75	75	75