

ES-5521

Multi-Functional PAR Spike

1.2 mL
in Nonane

	IUPAC	Concentration (ng/mL)
Unlabeled Dioxins		
2,3,7,8-TetraCDD		200
1,2,3,7,8-PentaCDD		200
1,2,3,4,7,8-HexaCDD		200
1,2,3,6,7,8-HexaCDD		200
1,2,3,7,8,9-HexaCDD		200
1,2,3,4,6,7,8-HeptaCDD		200
OctaCDD		200
2,3,7,8-TetraCDF		200
1,2,3,7,8-PentaCDF		200
2,3,4,7,8-PentaCDF		200
1,2,3,4,7,8-HexaCDF		200
1,2,3,6,7,8-HexaCDF		200
1,2,3,7,8,9-HexaCDF		200
2,3,4,6,7,8-HexaCDF		200
1,2,3,4,6,7,8-HeptaCDF		200
1,2,3,4,7,8,9-HeptaCDF		200
OctaCDF		200
Unlabeled PCBs		
2-MonoCB	1	200
4-MonoCB	3	200
2,2'-DiCB	4	200
4,4'-DiCB	15	200
2,2',6-TriCB	19	200
3,4,4'-TriCB	37	200
2,2',6,6'-TetraCB	54	200
3,3',4,4'-TetraCB	77	200
3,4,4',5-TetraCB	81	200
2,2',4,6,6'-PentaCB	104	200
2,3,3',4,4'-PentaCB	105	200
2,3,4,4',5-PentaCB	114	200
2,3',4,4',5-PentaCB	118	200
2',3,4,4',5-PentaCB	123	200
3,3',4,4',5-PentaCB	126	200
2,2',4,4',6,6'-HexaCB	155	200
2,3,3',4,4',5-HexaCB	156	200
2,3,3',4,4',5'-HexaCB	157	200
2,3',4,4',5,5'-HexaCB	167	200
3,3',4,4',5,5'-HexaCB	169	200

2,2',3,4',5,6,6'-HeptaCB	188	200
2,3,3',4,4',5,5'-HeptaCB	189	200
2,2',3,3',5,5',6,6'-OctaCB	202	200
2,3,3',4,4',5,5',6-OctaCB	205	200
2,2',3,3',4,4',5,5',6-NonaCB	206	200
2,2',3,3',4,5,5',6,6'-NonaCB	208	200
DecaCB	209	200

Unlabeled PBDEs

4-MonoBDE	3	200
2,4-DiBDE	4	200
4,4'-DiBDE	15	200
2,2',4-TriBDE	17	200
2,4,4'-TriBDE	28	200
2,2',4,4'-TetraBDE	47	200
2,2',4,5'-TetraBDE	49	200
2,3',4,4'- TetraBDE	66	200
2,3',4',6- TetraBDE	71	200
3,3',4,4'- TetraBDE	77	200
2,2',3,4,4'-PentaBDE	85	200
2,2',4,4',5- PentaBDE	99	200
2,2',4,4',6- PentaBDE	100	200
2,3',4,4',6- PentaBDE	119	200
3,3',4,4',5- PentaBDE	126	200
2,2',3,4,4',5'-HexaBDE	138	400
2,2',4,4',5,5'- HexaBDE	153	400
2,2',4,4',5,6'- HexaBDE	154	400
2,2',4,4',6,6'- HexaBDE	155	400
2,3,4,4',5,6- HexaBDE	166	400
2,2',3,4,4',5,6-HeptaBDE	181	400
2,2',3,4,4',5',6- HeptaBDE	183	400
2,3,3',4,4',5,6- HeptaBDE	190	400
2,2',3,4,4',5,5',6-OctaBDE	203	400
2,3,3',4,4',5,5',6- OctaBDE	205	400
2,2',3,3',4,4',5,5',6-NonaBDE	206	1000
2,2',3,3',4,4',5,6,6'- NonaBDE	207	1000
DecaBDE	209	1000

Unlabeled Pesticides

Pentachlorobenzene	200
Hexachlorobenzene	200
α -HCH (α -BHC)	200
β -HCH (β -BHC)	200
γ -HCH (γ -BHC) (Lindane)	200
δ -HCH (δ -BHC)	200
Heptachlor	200

<i>cis</i> -Heptachlor epoxide	200
<i>trans</i> -Heptachlor epoxide	200
<i>cis</i> -Nonachlor	200
<i>trans</i> -Nonachlor	200
<i>cis</i> -Chlordane (α)	200
<i>trans</i> -Chlordane (γ)	200
Oxychlordane	200
2,4'-DDD	200
4,4'-DDD	200
2,4'-DDE	200
4,4'-DDE	200
2,4'-DDT	200
4,4'-DDT	200
Aldrin	200
Dieldrin	200
Endrin	200
Mirex	200
Chlordecone (Kepone)	200
Endosulfan I	200
Endosulfan II	200
Unlabeled PAHs	
Acenaphthene	200
Acenaphthylene	200
Anthracene	200
Benz[a]anthracene	200
Benzo[b]fluoranthene	200
Benzo[k]fluoranthene	200
Benzo[ghi]perylene	200
Benzo[a]pyrene	200
Chrysene	200
Dibenz[a,h]anthracene	200
Fluoranthene	200
Fluorene	200
Indeno[1,2,3- <i>cd</i>]pyrene	200
Naphthalene	200
Phenanthrene	200
Pyrene	200