

Daily Calibration Standards	Concentration (ng/mL)	Window Defining Standards	Concentration (ng/mL)
2,3,7,8-TCDD	10	1,3,6,8-TCDD	10
2,3,7,8-TCDF	10	1,2,8,9-TCDD	10
1,2,3,7,8-PeCDD	50	1,3,6,8-TCDF	10
1,2,3,7,8-PeCDF	50	1,2,8,9-TCDF	10
2,3,4,7,8-PeCDF	50	1,2,4,6,8/1,2,4,7,9-PeCDD	50
1,2,3,4,7,8-HxCDD	50	1,2,3,8,9-PeCDD	50
1,2,3,6,7,8-HxCDD	50	1,3,4,6,8-PeCDF	50
1,2,3,7,8,9-HxCDD	50	1,2,3,8,9-PeCDF	50
1,2,3,4,7,8-HxCDF	50	1,2,4,6,7,9/1,2,4,6,8,9-HxCDD	50
1,2,3,6,7,8-HxCDF	50	1,2,3,4,6,8-HxCDF	50
1,2,3,7,8,9-HxCDF	50	1,2,3,4,8,9-HxCDF	50
2,3,4,6,7,8-HxCDF	50	1,2,3,4,6,7,9-HpCDD	50
1,2,3,4,6,7,8-HpCDD (W.D.)	50		
1,2,3,4,6,7,8-HpCDF (W.D.)	50		
1,2,3,4,7,8,9-HpCDF (W.D.)	50	Note - 1,2,3,4,6,7-HxCDD (last eluting HxCDD) not included due to interference with 1,2,3,7,8,9-HxCDD.	
OCDD	100		
OCDF	100		
		<b>TCDD Isomer Specificity Standards</b>	<b>Concentration (ng/mL)</b>
1,2,3,4-TCDD ( <sup>13</sup> C <sub>12</sub> ,99%)	100	1,2,3,4-TCDD	10
2,3,7,8-TCDD ( <sup>13</sup> C <sub>12</sub> ,99%)	100	1,2,3,7/1,2,3,8-TCDD	10
2,3,7,8-TCDD ( <sup>37</sup> Cl <sub>4</sub> ,96%)	10	1,2,3,9-TCDD	10
2,3,7,8-TCDF ( <sup>13</sup> C <sub>12</sub> ,99%)	100		
1,2,3,7,8-PeCDD ( <sup>13</sup> C <sub>12</sub> ,99%)	100		
1,2,3,7,8-PeCDF ( <sup>13</sup> C <sub>12</sub> ,99%)	100		
2,3,4,7,8-PeCDF ( <sup>13</sup> C <sub>12</sub> ,99%)	100		
1,2,3,4,7,8-HxCDD ( <sup>13</sup> C <sub>12</sub> ,99%)	100	This standard allows three functions:	
1,2,3,6,7,8-HxCDD ( <sup>13</sup> C <sub>12</sub> ,99%)	100	- Daily MS instrument calibration verification	
1,2,3,7,8,9-HxCDD ( <sup>13</sup> C <sub>12</sub> ,99%)	100	- Daily TCDD column resolution	
1,2,3,4,7,8-HxCDF ( <sup>13</sup> C <sub>12</sub> ,99%)	100	- Daily window definition	
1,2,3,6,7,8-HxCDF ( <sup>13</sup> C <sub>12</sub> ,99%)	100		
1,2,3,7,8,9-HxCDF ( <sup>13</sup> C <sub>12</sub> ,99%)	100		
2,3,4,6,7,8-HxCDF ( <sup>13</sup> C <sub>12</sub> ,99%)	100		
1,2,3,4,6,7,8-HpCDD ( <sup>13</sup> C <sub>12</sub> ,99%)	100		
1,2,3,4,6,7,8-HpCDF ( <sup>13</sup> C <sub>12</sub> ,99%)	100		
1,2,3,4,7,8,9-HpCDF ( <sup>13</sup> C <sub>12</sub> ,99%)	100		
OctaCDD ( <sup>13</sup> C <sub>12</sub> ,99%)	200	(W.D.) - Window Defining Standard	