

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
 Method File : SOM02.2-EPA-BM062516.M
 Title : SVOA CALIBRATION
 Last Update : Mon Jun 27 10:49:48 2016
 Response Via : Initial Calibration

Calibration Files

5 =BM005993.D 10 =BM005994.D 20 =BM006065.D
 40 =BM005996.D 80 =BM005997.D 160 =BM005998.D

	Compound	5	10	20	40	80	160	Avg	%RSD
1) I	1,4-Dichlorobenzene-d	-----ISTD-----							
2) S	1,4-Dioxane-d8	0.481	0.453	0.458	0.411	0.435		0.448	5.85
3) S	Phenol-d5		1.910	2.078	2.181	2.139	2.212	2.104	5.69
4) S	Bis-(2-Chloroethy		1.208	1.194	1.195	1.127	1.130	1.170	3.32
5) S	2-Chlorophenol-d4	1.415	1.413	1.474	1.517	1.508		1.465	3.38
6) S	4-Methylphenol-d8		1.605	1.764	1.885	1.778	1.848	1.776	6.06
7) I	Naphthalene-d8	-----ISTD-----							
8) S	Nitrobenzene-d5	0.158	0.151	0.154	0.150	0.149		0.152	2.25
9) S	2-Nitrophenol-d4	0.172	0.161	0.173	0.170	0.171		0.169	2.78
10) S	2,4-Dichloropheno	0.329	0.317	0.330	0.331	0.318		0.325	2.13
11)	Naphthalene	1.048	1.026	1.014	0.971	0.937		0.999	4.46
12) S	4-Chloroaniline-d		0.428	0.441	0.388	0.294	0.213	0.353	27.46
13)	2-Methylnaphthale	0.840	0.801	0.826	0.812	0.741		0.804	4.72
14)	1-Methylnaphthale	0.807	0.772	0.790	0.771	0.709		0.770	4.83
15) I	Acenaphthene-d10	-----ISTD-----							
16) S	Dimethylphthalate	1.847	1.780	1.716	1.675	1.542		1.712	6.73
17) S	Acenaphthylene-d8	2.067	2.050	2.024	1.953	1.834		1.986	4.79
18)	Acenaphthylene	2.213	2.177	2.147	2.036	1.896		2.094	6.15
19) C	Acenaphthene	1.436	1.382	1.341	1.296	1.195		1.330	6.88
20) S	4-Nitrophenol-d4		0.380	0.390	0.381	0.339	0.336	0.365	6.99
21) S	Fluorene-d10	1.592	1.525	1.486	1.417	1.290		1.462	7.89
22)	Fluorene	1.776	1.729	1.651	1.556	1.299		1.602	11.79
23) I	Phenanthrene-d10	-----ISTD-----							
24) S	4,6-Dinitro-2-met		0.101	0.115	0.116	0.114	0.109	0.111	5.75
25)	Phenanthrene	1.171	1.131	1.095	1.043	0.940		1.076	8.31
26) S	Anthracene-d10	1.006	0.967	0.943	0.890	0.788		0.919	9.15
27)	Anthracene	1.222	1.179	1.138	1.070	0.945		1.111	9.76
28) C	Fluoranthene	1.517	1.462	1.435	1.342	1.134		1.378	10.91
29) I	Chrysene-d12	-----ISTD-----							
30) S	Pyrene-d10	0.940	0.886	0.903	0.839	0.812		0.876	5.81
31)	Pyrene	1.254	1.174	1.187	1.092	1.017		1.145	8.01
32)	Benzo(a)anthracen	1.296	1.244	1.227	1.144	1.028		1.188	8.82
33)	Chrysene	1.186	1.134	1.123	1.028	0.955		1.085	8.51
34) I	Perylene-d12	-----ISTD-----							
35)	Benzo(b)fluoranth	1.281	1.232	1.183	1.123	0.991		1.162	9.66
36)	Benzo(k)fluoranth	1.201	1.107	1.125	1.013	0.960		1.081	8.83
37) S	Benzo(a)pyrene-d1	0.972	0.927	0.927	0.876	0.813		0.903	6.72
38) C	Benzo(a)pyrene	1.233	1.171	1.142	1.062	0.963		1.114	9.39
39)	Indeno(1,2,3-cd)p	1.410	1.402	1.380	1.281	1.168		1.328	7.79
40)	Dibenzo(a,h)anthr	1.195	1.172	1.150	1.054	0.952		1.104	9.13
41)	Benzo(g,h,i)peryl	1.179	1.178	1.194	1.146	1.047		1.149	5.19

(#) = Out of Range