

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
 Method File : SOM-EPA-BM040417-PAH.M
 Title : SVOA CALIBRATION
 Last Update : Tue Apr 04 14:41:08 2017
 Response Via : Initial Calibration

Calibration Files

5 =BM009523.D 10 =BM009524.D 20 =BM009525.D
 40 =BM009526.D 80 =BM009527.D 160 =BM009528.D

	Compound	5	10	20	40	80	160	Avg	%RSD
1) I	1,4-Dichlorobenzene-d	-----ISTD-----							
2) I	Naphthalene-d8	-----ISTD-----							
3) S	2,4-Dichloropheno	0.276	0.281	0.309	0.327	0.344		0.308	9.57
4) S	Naphthalene	1.024	0.991	1.001	1.039	1.073		1.026	3.19
5) S	2-Methylnaphthale	0.730	0.692	0.736	0.771	0.806		0.747	5.80
6) I	Acenaphthene-d10	-----ISTD-----							
7) S	Acenaphthylene-d8	1.787	1.838	1.946	2.065	2.166		1.960	8.01
8) S	Acenaphthylene	1.788	1.878	1.988	2.029	2.147		1.966	7.05
9) C	Acenaphthene	1.258	1.310	1.359	1.405	1.438		1.354	5.33
10) S	Fluorene-d10	1.378	1.334	1.405	1.451	1.482		1.410	4.13
11) S	Fluorene	1.574	1.587	1.640	1.707	1.757		1.653	4.74
12) I	Phenanthrene-d10	-----ISTD-----							
13) S	Pentachlorophenol		0.102	0.123	0.149	0.161	0.174	0.142	20.37
14) S	Phenanthrene	1.121	1.064	1.109	1.155	1.174		1.124	3.80
15) S	Anthracene-d10	0.926	0.904	0.933	1.000	1.022		0.957	5.33
16) S	Anthracene	1.103	1.123	1.152	1.201	1.235		1.163	4.69
17) C	Fluoranthene		1.281	1.336	1.400	1.485	1.499	1.400	6.71
18) I	Chrysene-d12	-----ISTD-----							
19) S	Pyrene-d10	0.781	0.765	0.811	0.870	0.883		0.822	6.40
20) S	Pyrene	1.024	1.036	1.072	1.144	1.169		1.089	5.93
21) S	Benzo(a)anthracen	1.081	1.105	1.125	1.146	1.197		1.131	3.92
22) S	Chrysene	0.993	1.003	1.037	1.056	1.093		1.036	3.91
23) I	Perylene-d12	-----ISTD-----							
24) S	Benzo(b)fluoranth	1.208	1.183	1.202	1.256	1.336		1.237	5.00
25) S	Benzo(k)fluoranth	1.107	1.117	1.163	1.233	1.273		1.179	6.15
26) S	Benzo(a)pyrene-d1	0.816	0.826	0.877	0.924	0.973		0.883	7.50
27) C	Benzo(a)pyrene	1.114	1.111	1.170	1.212	1.273		1.176	5.83
28) S	Indeno(1,2,3-cd)p	1.240	1.258	1.287	1.366	1.441		1.318	6.36
29) S	Dibenzo(a,h)anthr	1.066	1.053	1.091	1.170	1.224		1.121	6.54
30) S	Benzo(g,h,i)peryl	1.045	1.035	1.065	1.121	1.169		1.087	5.22

(#) = Out of Range