

Method Path : Z:\HPCHEM1\BNA G\METHODS\
 Method File : SOM-EPA-BG052717-PAH.M
 Title : SVOA CALIBRATION
 Last Update : Mon May 29 03:58:18 2017
 Response Via : Initial Calibration

Calibration Files

5 =BG027167.D 10 =BG027168.D 20 =BG027196.D
 40 =BG027170.D 80 =BG027171.D 160 =BG027172.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	0.258	0.251	0.265	0.278	0.341		0.279	13.00
4)	Naphthalene	1.023	0.870	1.003	1.013	0.987		0.979	6.38
5)	2-Methylnaphthale	0.763	0.694	0.764	0.733	0.750		0.741	3.89
6) I	Acenaphthene-d10	-----ISTD-----							
7) S	Acenaphthylene-d8	1.987	2.029	2.115	1.930	1.903		1.993	4.22
8)	Acenaphthylene	2.021	1.986	2.110	2.013	1.626		1.951	9.62
9) C	Acenaphthene	1.380	1.289	1.426	1.269	1.279		1.329	5.27
10) S	Fluorene-d10	1.473	1.374	1.275	1.391	1.307		1.364	5.68
11)	Fluorene	1.649	1.533	1.448	1.551	1.428		1.522	5.83
12) I	Phenanthrene-d10	-----ISTD-----							
13)	Pentachlorophenol		0.056	0.074	0.085	0.124	0.088	0.086	29.39
14)	Phenanthrene	1.140	1.102	1.086	1.146	1.021		1.099	4.59
15) S	Anthracene-d10	0.975	0.952	0.980	1.020	0.899		0.965	4.59
16)	Anthracene	1.186	1.149	1.266	1.083	1.040		1.145	7.71
17) C	Fluoranthene		1.276	1.122	0.998	1.056	0.958	1.082	11.55
18) I	Chrysene-d12	-----ISTD-----							
19) S	Pyrene-d10	1.006	1.096	1.359	1.043	0.992		1.099	13.71
20)	Pyrene	1.321	1.480	1.461	1.346	1.225		1.367	7.70
21)	Benzo(a)anthracen	1.179	1.155	1.185	1.196	1.122		1.168	2.53
22)	Chrysene	1.099	1.051	1.066	1.043	1.028		1.058	2.56
23) I	Perylene-d12	-----ISTD-----							
24)	Benzo(b)fluoranth	1.066	1.141	1.019	1.223	0.879		1.066	12.18
25)	Benzo(k)fluoranth	1.081	1.125	0.995	1.087	0.869		1.031	9.94
26) S	Benzo(a)pyrene-d1	0.834	0.916	0.782	0.757	0.843		0.826	7.42
27) C	Benzo(a)pyrene	1.030	1.057	0.976	0.960	1.016		1.008	3.93
28)	Indeno(1,2,3-cd)p	1.215	1.321	1.200	1.302	1.601		1.328	12.18
29)	Dibenzo(a,h)anthr	1.012	1.117	0.992	1.099	1.334		1.111	12.22
30)	Benzo(q,h,i)peryl	0.982	1.094	1.046	0.848	1.322		1.058	16.42

(#) = Out of Range