

Method Path : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\
 Method File : 8270-SIM-BE060519.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Mar 25 10:49:04 2015
 Response Via : Initial Calibration

Calibration Files

0.1 =BE099804.D 0.2 =BE099798.D 0.4 =BE099799.D 0.8 =BE099800.D 1.6 =BE099801.D 3.2 =BE099802.D 5 =BE099803.D

Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD
1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.642	0.696	0.497	0.557	0.574	0.545	0.550	0.580	11.56
3) n-Nitrosodimet...	0.308	0.251	0.291	0.310	0.334	0.351	0.308	0.308	11.31
4) S 2-Fluorophenol	0.880	0.920	0.837	1.027	1.038	1.034	1.080	0.974	9.57
5) S Phenol-d6	0.968	1.145	1.119	1.304	1.344	1.411	1.472	1.252	14.39
6) bis(2-Chloroet...	0.849	1.095	0.937	1.138	1.192	1.213	1.257	1.097	13.76
7) I Naphthalene-d8	-----ISTD-----								
8) S Nitrobenzene-d5	0.236	0.329	0.310	0.366	0.382	0.414	0.424	0.351	18.72
9) Naphthalene	4.053	4.296	3.842	4.468	4.372	4.417	4.446	4.271	5.52
10) Hexachlorobuta...	0.325	0.342	0.293	0.334	0.320	0.329	0.335	0.325	4.87
11) SURR2-Methylnaphth...	0.645	0.687	0.615	0.710	0.690	0.726	0.735	0.687	6.32
12) 2-Methylnaphth...	0.655	0.637	0.599	0.687	0.686	0.750	0.752	0.681	8.29
13) I Acenaphthene-d10	-----ISTD-----								
14) S 2,4,6-Tribromo...	0.155	0.167	0.198	0.249	0.259	0.297	0.310	0.233	26.34
15) S 2-Fluorobiphenyl	1.383	1.378	1.277	1.626	1.524	1.622	1.601	1.487	9.45
16) Acenaphthylene	1.812	1.805	1.696	2.116	1.953	2.053	2.075	1.930	8.34
17) Acenaphthene	0.937	1.032	0.932	1.161	1.083	1.127	1.123	1.056	8.77
18) Fluorene	1.433	1.492	1.423	1.684	1.599	1.636	1.625	1.556	6.75
19) I Phenanthrene-d10	-----ISTD-----								
20) 4-Bromophenyl-...	0.189	0.215	0.182	0.230	0.228	0.258	0.259	0.223	13.53
21) Hexachlorobenzene	0.244	0.236	0.210	0.253	0.239	0.266	0.266	0.245	8.05
22) Pentachlorophenol	0.016	0.031	0.044	0.058	0.076	0.045	0.045	0.045	51.00
23) Phenanthrene	0.839	0.903	0.839	1.015	1.000	1.048	1.037	0.955	9.62
24) Anthracene	0.733	0.721	0.720	0.902	0.920	1.012	1.030	0.863	15.85
25) SURRFluoranthene-d10	5.855	5.933	5.156	6.625	6.487	5.749	5.813	5.945	8.25
26) Fluoranthene	1.605	1.642	1.472	1.863	1.850	1.637	1.641	1.673	8.30
27) I Chrysene-d12	-----ISTD-----								
28) Pyrene	0.900	1.007	0.952	0.938	0.895	1.031	1.039	0.966	6.19
29) S Terphenyl-d14	0.565	0.654	0.639	0.645	0.625	0.723	0.740	0.656	9.06
30) Benzo(a)anthra...	0.928	1.061	1.057	1.159	1.131	1.183	1.217	1.105	8.88
31) Chrysene	1.157	1.202	1.210	1.287	1.230	1.230	1.233	1.221	3.22
32) Bis(2-ethylhex...	1.267	1.191	1.227	1.251	1.207	1.315	1.424	1.269	6.28
33) Indeno(1,2,3-c...	1.382	1.418	1.436	1.562	1.513	1.467	1.465	1.463	4.11
34) I Perylene-d12	-----ISTD-----								
35) Benzo(b)fluora...	1.014	1.073	0.993	1.163	1.132	1.177	1.200	1.107	7.39

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36)	Benzo(k)fluora...	1.087	1.119	1.059	1.211	1.206	1.270	1.278	1.176	7.47
37) C	Benzo(a)pyrene	0.990	1.027	0.970	1.131	1.097	1.141	1.158	1.074	7.16
38)	Dibenzo(a,h)an...	0.939	1.011	0.960	1.153	1.154	1.205	1.222	1.092	10.87
39)	Benzo(g,h,i)pe...	1.079	1.091	1.012	1.213	1.190	1.217	1.229	1.147	7.44

(#) = Out of Range