

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
 Method File : 8270-SIM-BE041816.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Apr 18 17:20:40 2016
 Response Via : Initial Calibration

Calibration Files

0.1 =BE091659.D 0.2 =BE091660.D 0.4 =BE091661.D 0.8 =BE091662.D 1.6 =BE091663.D 3.2 =BE091664.D 5 =BE091665.D
 10 =BE091666.D

	Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	10	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.933	0.781	0.645	0.631	0.550	0.583	0.515	0.521	0.645	22.47
3)	n-Nitrosodimet...	0.622	0.579	0.668	0.777	0.728	0.796	0.754	0.812	0.717	11.91
4) S	2-Fluorophenol	1.151	1.067	1.032	1.088	0.993	1.121	1.093	1.163	1.088	5.30
5) S	Phenol-d6	1.420	1.347	1.348	1.428	1.363	1.559	1.577	1.694	1.467	8.75
6)	bis(2-Chloroet...	1.305	1.253	1.288	1.401	1.290	1.420	1.390	1.434	1.348	5.24
7) I	Naphthalene-d8	-----ISTD-----									
8) S	Nitrobenzene-d5	0.241	0.216	0.221	0.248	0.239	0.279	0.286	0.322	0.256	14.13
9)	Nitrobenzene	0.233	0.220	0.228	0.253	0.252	0.304	0.315		0.258	14.60
10)	Naphthalene	1.099	1.006	1.023	1.065	0.965	1.029	0.981	0.977	1.018	4.54
11)	Hexachlorobuta...	0.162	0.143	0.146	0.154	0.139	0.150	0.142	0.144	0.148	5.22
12)	2-Methylnaphth...	0.643	0.620	0.630	0.677	0.630	0.680	0.655	0.667	0.650	3.55
13) I	Acenaphthene-d10	-----ISTD-----									
14) S	2,4,6-Tribromo...	0.077	0.080	0.087	0.103	0.107	0.139	0.146		0.106	25.89
15) S	2-Fluorobiphenyl	1.511	1.328	1.375	1.452	1.324	1.436	1.343	1.377	1.393	4.79
16)	Acenaphthylene	1.622	1.486	1.606	1.886	1.833	2.081	2.047	2.160	1.840	13.51
17)	Acenaphthene	1.268	1.168	1.270	1.280	1.173	1.255	1.186	1.242	1.230	3.80
18)	Fluorene	1.470	1.417	1.475	1.564	1.459	1.597	1.527	1.544	1.507	4.04
19) I	Phenanthrene-d10	-----ISTD-----									
20)	4-Bromophenyl-...	0.176	0.154	0.148	0.181	0.169	0.189	0.183	0.186	0.173	8.67
21)	Hexachlorobenzene	0.192	0.180	0.166	0.191	0.178	0.191	0.185	0.185	0.184	4.81
22)	Pentachlorophenol		0.044	0.036	0.047	0.053	0.071	0.078	0.098	0.061	36.25
23)	Phenanthrene	1.229	1.131	1.037	1.201	1.096	1.172	1.118	1.104	1.136	5.45
24)	Anthracene	0.986	0.913	0.864	1.035	0.990	1.099	1.078	1.106	1.009	8.72
25)	Fluoranthene	1.145	1.061	0.976	1.131	1.077	1.218	1.176	1.247	1.129	7.86
26) I	Chrysene-d12	-----ISTD-----									
27)	Benzidine	0.806	0.227	0.189	0.214	0.250	0.314	0.378	0.528	0.363	57.95
28)	Pyrene	0.983	0.905	0.942	1.031	1.017	1.071	1.031	1.013	0.999	5.37
29) S	Terphenyl-d14	0.646	0.583	0.651	0.758	0.694	0.746	0.677	0.696	0.681	8.27
30)	Benzo(a)anthra...	1.264	1.050	1.102	1.187	1.160	1.208	1.134	1.172	1.160	5.67
31)	3,3'-Dichlorob...	0.519	0.326	0.350	0.414	0.463	0.537	0.568		0.454	20.68
32)	Chrysene	1.297	1.061	1.194	1.272	1.203	1.178	1.135	1.069	1.176	7.28
33)	Bis(2-ethylhex...	0.214	0.164	0.174	0.175	0.199	0.275	0.286		0.212	23.40

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34)	Indeno(1,2,3-c...	1.061	0.949	1.035	1.078	1.063	1.143	1.089	1.142	1.070	5.80
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35) I	Perylene-d12	-----ISTD-----									
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36)	Benzo(b)fluora...	1.133	1.022	1.029	1.114	1.070	1.186	1.113	1.135	1.100	5.11
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37)	Benzo(k)fluora...	1.179	1.087	1.114	1.183	1.094	1.238	1.184	1.265	1.168	5.59
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38) C	Benzo(a)pyrene	1.037	0.953	0.947	1.019	0.965	1.095	1.062	1.133	1.026	6.67
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39)	Dibenzo(a,h)an...	0.966	0.908	0.939	1.016	0.966	1.087	1.056	1.084	1.003	6.79
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40)	Benzo(g,h,i)pe...	1.048	0.976	0.988	1.055	0.989	1.095	1.060	1.105	1.039	4.79
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(#)= Out of Range