

Method Path : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\
 Method File : 8270-SIM-BN032819.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 =BN005016.D 0.2 =BN005017.D 0.4 =BN005018.D 0.8 =BN005019.D 1.6 =BN005020.D 3.2 =BN005021.D 5 =BN005022.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	0.480	0.466	0.420	0.421	0.396	0.412	0.416	0.430	7.17
3)	n-Nitrosodimet...		0.198	0.215	0.258	0.274	0.304	0.325	0.262	18.90
4) S	2-Fluorophenol	0.931	0.999	0.964	1.025	0.979	1.037	1.055	0.999	4.40
5) S	Phenol-d6	1.035	1.145	1.112	1.208	1.170	1.281	1.327	1.183	8.43
6)	bis(2-Chloroet...	0.991	1.036	1.093	1.170	1.125	1.198	1.206	1.117	7.34
7) I	Naphthalene-d8	-----ISTD-----								
8) S	Nitrobenzene-d5	0.203	0.211	0.217	0.234	0.237	0.252	0.269	0.232	10.16
9)	Naphthalene	0.970	0.995	0.985	1.038	1.004	1.014	1.033	1.006	2.47
10)	Hexachlorobuta...	0.186	0.186	0.186	0.190	0.186	0.185	0.188	0.187	1.01
11) SURR2	Methylnaphth...	0.579	0.607	0.604	0.642	0.623	0.638	0.646	0.620	3.98
12)	2-Methylnaphth...	0.680	0.713	0.710	0.753	0.730	0.743	0.749	0.725	3.62
13) I	Acenaphthene-d10	-----ISTD-----								
14) S	2,4,6-Tribromo...	0.191	0.201	0.198	0.219	0.228	0.258	0.276	0.224	14.39
15) S	2-Fluorobiphenyl	1.453	1.490	1.498	1.555	1.491	1.529	1.556	1.510	2.52
16)	Acenaphthylene	1.654	1.694	1.751	1.922	1.950	2.081	2.165	1.888	10.37
17)	Acenaphthene	1.139	1.189	1.160	1.229	1.189	1.229	1.257	1.199	3.47
18)	Fluorene	1.530	1.580	1.561	1.664	1.610	1.649	1.669	1.609	3.37
19) I	Phenanthrene-d10	-----ISTD-----								
20)	4-Bromophenyl-...	0.207	0.213	0.219	0.236	0.232	0.244	0.253	0.229	7.39
21)	Hexachlorobenzene	0.235	0.242	0.242	0.260	0.254	0.266	0.271	0.253	5.41
22)	Pentachlorophenol		0.038	0.040	0.048	0.055	0.071	0.083	0.056	31.87
23)	Phenanthrene	1.058	1.082	1.078	1.143	1.126	1.174	1.175	1.119	4.25
24)	Anthracene	0.871	0.905	0.925	1.022	1.022	1.105	1.130	0.997	10.05
25) SURR	Fluoranthene-d10	1.063	1.077	1.083	1.166	1.154	1.224	1.229	1.142	6.08
26)	Fluoranthene	1.321	1.304	1.305	1.403	1.379	1.453	1.436	1.371	4.57
27) I	Chrysene-d12	-----ISTD-----								
28)	Pyrene	1.164	1.163	1.109	1.136	1.103	1.119	1.159	1.136	2.33
29) S	Terphenyl-d14	0.947	0.878	0.800	0.800	0.766	0.770	0.793	0.822	8.06
30)	Benzo(a)anthra...	1.143	1.074	1.055	1.110	1.127	1.192	1.195	1.128	4.77
31)	Chrysene	1.329	1.287	1.203	1.202	1.165	1.163	1.163	1.216	5.45
32)	Bis(2-ethylhex...	0.450	0.427	0.404	0.427	0.460	0.540	0.598	0.472	14.88
33)	Indeno(1,2,3-c...	1.290	1.328	1.343	1.401	1.398	1.468	1.343	1.367	4.31
34) I	Perylene-d12	-----ISTD-----								
35)	Benzo(b)fluora...	1.218	1.263	1.230	1.322	1.282	1.314	1.348	1.282	3.76

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36)	Benzo(k)fluora...	1.238	1.217	1.225	1.265	1.222	1.238	1.270	1.239	1.68
37) C	Benzo(a)pyrene	1.056	1.103	1.094	1.171	1.143	1.190	1.225	1.140	5.21
38)	Dibenzo(a,h)an...	1.055	1.085	1.093	1.182	1.163	1.219	1.191	1.141	5.48
39)	Benzo(g,h,i)pe...	1.091	1.118	1.111	1.184	1.159	1.209	1.170	1.149	3.76

(#) = Out of Range