

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG062817.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Jun 28 19:26:37 2017
 Response Via : Initial Calibration

Calibration Files

2.5 =BG027705.D 10 =BG027706.D 25 =BG027707.D 40 =BG027708.D 50 =BG027709.D 60 =BG027710.D 80 =BG027711.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.499	0.515	0.488	0.472	0.467	0.460	0.484	4.35	
3)	Pyridine	1.236	1.423	1.514	1.556	1.577	1.550	1.566	1.489	8.26
4)	n-Nitrosodimet...	0.830	0.716	0.712	0.715	0.723	0.709	0.707	0.730	6.05
5) S	2-Fluorophenol	1.183	1.239	1.315	1.345	1.331	1.336	1.342	1.299	4.82
6)	Aniline	1.804	2.144	2.315	2.457	2.453	2.460	2.467	2.300	10.83
7) S	Phenol-d6	1.685	1.830	2.018	2.074	2.107	2.064	2.111	1.984	8.24
8)	2-Chlorophenol	1.311	1.413	1.468	1.491	1.495	1.466	1.516	1.451	4.81
9)	Benzaldehyde	1.278	1.303	1.263	1.231	1.168	1.069	0.952	1.181	10.86
10) C	Phenol	1.744	1.836	1.951	2.065	2.053	2.026	2.067	1.963	6.49
11)	bis(2-Chloroet...	1.331	1.458	1.505	1.533	1.550	1.513	1.548	1.491	5.19
12)	1,3-Dichlorobe...	1.481	1.484	1.536	1.588	1.571	1.566	1.580	1.544	2.91
13) C	1,4-Dichlorobe...	1.556	1.558	1.595	1.635	1.614	1.622	1.617	1.600	1.96
14)	1,2-Dichlorobe...	1.454	1.521	1.535	1.590	1.578	1.578	1.600	1.551	3.33
15)	Benzyl Alcohol	1.157	1.252	1.382	1.444	1.448	1.429	1.495	1.373	8.93
16)	2,2'-oxybis(1-...	3.200	3.088	3.197	3.269	3.191	3.163	3.154	3.180	1.73
17)	2-Methylphenol	1.091	1.305	1.419	1.486	1.468	1.458	1.494	1.389	10.52
18)	Hexachloroethane	0.520	0.548	0.577	0.564	0.572	0.576	0.581	0.563	3.87
19) P	n-Nitroso-di-n...	1.232	1.348	1.446	1.515	1.508	1.511	1.545	1.443	7.90
20)	3+4-Methylphenols	1.653	1.867	1.982	2.124	2.105	2.111	2.177	2.003	9.30
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.466	0.477	0.487	0.489	0.489	0.482	0.489	0.483	1.80
23) S	Nitrobenzene-d5	0.336	0.342	0.361	0.364	0.366	0.371	0.372	0.359	3.97
24)	Nitrobenzene	0.349	0.365	0.379	0.381	0.381	0.385	0.386	0.375	3.58
25)	Isophorone	0.707	0.750	0.793	0.793	0.807	0.813	0.811	0.782	5.02
26) C	2-Nitrophenol	0.134	0.158	0.165	0.179	0.182	0.181	0.187	0.169	11.09
27)	2,4-Dimethylph...	0.276	0.298	0.319	0.329	0.329	0.330	0.339	0.317	7.03
28)	bis(2-Chloroet...	0.414	0.445	0.447	0.448	0.446	0.450	0.453	0.443	2.96
29) C	2,4-Dichloroph...	0.233	0.263	0.276	0.286	0.293	0.292	0.303	0.278	8.50
30)	1,2,4-Trichlor...	0.274	0.268	0.283	0.285	0.288	0.289	0.299	0.284	3.62
31)	Naphthalene	1.023	1.056	1.066	1.077	1.069	1.075	1.079	1.064	1.83
32)	Benzoic acid	0.088	0.144	0.173	0.189	0.203	0.217	0.217	0.169	27.87
33)	4-Chloroaniline	0.370	0.439	0.471	0.476	0.484	0.489	0.487	0.459	9.29
34) C	Hexachlorobuta...	0.156	0.151	0.155	0.155	0.162	0.162	0.165	0.158	3.24
35)	Caprolactam	0.127	0.137	0.141	0.142	0.145	0.145	0.142	0.140	4.40
36) C	4-Chloro-3-met...	0.340	0.369	0.399	0.402	0.412	0.408	0.410	0.391	6.89
37)	2-Methylnaphth...	0.718	0.758	0.805	0.805	0.816	0.820	0.824	0.792	5.00

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.487	0.497	0.516	0.527	0.531	0.548	0.574	0.526	5.65
40) P	Hexachlorocycl...		0.193	0.225	0.250	0.257	0.269	0.293	0.248	14.14
41) S	2,4,6-Tribromo...	0.214	0.245	0.272	0.281	0.289	0.303	0.315	0.274	12.69
42) C	2,4,6-Trichlor...	0.323	0.367	0.374	0.384	0.391	0.403	0.415	0.380	7.84
43)	2,4,5-Trichlor...	0.362	0.405	0.432	0.446	0.437	0.456	0.472	0.430	8.46
44) S	2-Fluorobiphenyl	1.339	1.390	1.410	1.415	1.399	1.426	1.424	1.400	2.14
45)	1,1'-Biphenyl	1.522	1.558	1.611	1.610	1.605	1.641	1.674	1.603	3.13
46)	2-Chloronaphth...	1.152	1.196	1.210	1.216	1.202	1.238	1.263	1.211	2.87
47)	2-Nitroaniline	0.423	0.460	0.482	0.502	0.501	0.510	0.515	0.485	6.83
48)	Acenaphthylene	1.999	2.194	2.261	2.255	2.229	2.277	2.274	2.213	4.45
49)	Dimethylphthalate	1.650	1.754	1.720	1.708	1.700	1.712	1.699	1.706	1.83
50)	2,6-Dinitrotol...	0.303	0.366	0.379	0.383	0.380	0.394	0.392	0.371	8.50
51) C	Acenaphthene	1.295	1.344	1.428	1.438	1.444	1.476	1.503	1.418	5.17
52)	3-Nitroaniline	0.358	0.443	0.451	0.448	0.445	0.456	0.452	0.436	7.94
53) P	2,4-Dinitrophenol		0.091	0.142	0.166	0.180	0.199	0.208	0.164	26.21
54)	Dibenzofuran	1.844	1.866	1.873	1.877	1.871	1.898	1.900	1.875	1.03
55) P	4-Nitrophenol	0.253	0.313	0.343	0.348	0.353	0.364	0.358	0.333	11.70
56)	2,4-Dinitrotol...	0.405	0.497	0.537	0.538	0.541	0.551	0.552	0.517	10.18
57)	Fluorene	1.735	1.813	1.833	1.838	1.819	1.856	1.833	1.818	2.15
58)	2,3,4,6-Tetrac...	0.351	0.353	0.366	0.373	0.374	0.386	0.392	0.371	4.19
59)	Diethylphthalate	1.908	1.946	1.933	1.879	1.851	1.879	1.828	1.889	2.25
60)	4-Chlorophenyl...	0.732	0.784	0.806	0.819	0.810	0.838	0.845	0.805	4.71
61)	4-Nitroaniline	0.370	0.448	0.479	0.463	0.470	0.480	0.473	0.455	8.58
62)	Azobenzene	1.562	1.696	1.713	1.662	1.658	1.678	1.651	1.660	2.93
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.084	0.104	0.115	0.124	0.128	0.134	0.115	15.93
65) c	n-Nitrosodiphe...	0.563	0.624	0.643	0.660	0.676	0.686	0.702	0.651	7.18
66)	4-Bromophenyl-...	0.176	0.194	0.200	0.214	0.220	0.225	0.236	0.209	9.88
67)	Hexachlorobenzene	0.192	0.200	0.213	0.223	0.232	0.239	0.252	0.222	9.69
68)	Atrazine	0.182	0.205	0.207	0.211	0.209	0.213	0.210	0.205	5.14
69) C	Pentachlorophenol		0.090	0.112	0.124	0.131	0.136	0.145	0.123	16.04
70)	Phenanthrene	1.090	1.148	1.147	1.165	1.166	1.187	1.179	1.155	2.76
71)	Anthracene	1.070	1.143	1.165	1.190	1.192	1.205	1.196	1.166	4.06
72)	Carbazole	1.037	1.158	1.152	1.162	1.164	1.197	1.168	1.148	4.44
73)	Di-n-butylphth...	1.102	1.240	1.275	1.289	1.302	1.335	1.291	1.262	6.04
74) C	Fluoranthene	1.150	1.247	1.248	1.265	1.288	1.326	1.309	1.262	4.57
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.305	0.445	0.494	0.475	0.476	0.489	0.447	16.02
77)	Pyrene	1.179	1.274	1.285	1.281	1.261	1.270	1.235	1.255	2.98
78) S	Terphenyl-d14	0.771	0.853	0.884	0.894	0.873	0.872	0.824	0.853	5.02
79)	Butylbenzylphth...	0.521	0.524	0.566	0.579	0.584	0.590	0.592	0.565	5.35
80)	Benzo(a)anthra...	1.135	1.190	1.213	1.234	1.237	1.235	1.221	1.209	3.05
81)	3,3'-Dichlorob...	0.358	0.419	0.447	0.454	0.458	0.466	0.469	0.439	8.91
82)	Chrysene	1.049	1.112	1.134	1.160	1.153	1.172	1.154	1.133	3.72

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83)	Bis(2-ethylhex...	0.763	0.785	0.832	0.852	0.843	0.861	0.846	0.826	4.47
84) c	Di-n-octyl pht...	1.158	1.304	1.395	1.428	1.420	1.439	1.409	1.365	7.44
85)	Indeno(1,2,3-c...	1.079	1.193	1.287	1.350	1.348	1.388	1.423	1.295	9.35

86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.086	1.195	1.266	1.315	1.353	1.389	1.416	1.289	9.04
88)	Benzo(k)fluora...	1.074	1.173	1.267	1.311	1.330	1.374	1.387	1.274	8.92
89) C	Benzo(a)pyrene	1.006	1.124	1.193	1.239	1.265	1.308	1.328	1.209	9.35
90)	Dibenzo(a,h)an...	0.994	1.116	1.203	1.257	1.285	1.342	1.377	1.225	10.91
91)	Benzo(g,h,i)pe...	1.007	1.099	1.152	1.199	1.216	1.269	1.298	1.177	8.55

(#) = Out of Range