

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG121117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Dec 11 17:25:55 2017
 Response Via : Initial Calibration

Calibration Files

2.5 =BG031452.D 10 =BG031453.D 25 =BG031454.D 40 =BG031455.D 50 =BG031456.D 60 =BG031457.D 80 =BG031458.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.684	0.547	0.520	0.529	0.520	0.486	0.483	0.538	12.68
3)	Pyridine	1.238	1.386	1.495	1.509	1.474	1.404	1.417		7.12
4)	n-Nitrosodimet...	0.549	0.598	0.694	0.704	0.714	0.711	0.703	0.668	9.91
5) S	2-Fluorophenol	0.983	1.037	1.153	1.187	1.200	1.176	1.161	1.128	7.42
6)	Aniline	1.720	1.975	2.080	2.123	2.200	2.172	2.169	2.063	8.19
7) S	Phenol-d6	1.295	1.460	1.581	1.629	1.681	1.684	1.635	1.566	9.06
8)	2-Chlorophenol	1.015	1.214	1.291	1.308	1.331	1.338	1.313	1.259	9.13
9)	Benzaldehyde	0.952	1.020	1.020	0.929	0.895	0.826	0.713	0.908	12.08
10) C	Phenol	1.296	1.497	1.641	1.692	1.729	1.723	1.686	1.609	9.88
11)	bis(2-Chloroet...	1.145	1.253	1.317	1.372	1.362	1.366	1.378	1.313	6.57
12)	1,3-Dichlorobe...	1.431	1.472	1.511	1.524	1.527	1.511	1.500	1.497	2.28
13) C	1,4-Dichlorobe...	1.555	1.542	1.551	1.576	1.569	1.551	1.544	1.556	0.82
14)	1,2-Dichlorobe...	1.440	1.475	1.497	1.484	1.510	1.496	1.469	1.482	1.56
15)	Benzyl Alcohol	0.975	1.186	1.256	1.310	1.327	1.299	1.225		10.83
16)	2,2'-oxybis(1-...	1.427	1.465	1.458	1.492	1.490	1.524	1.473	1.475	2.07
17)	2-Methylphenol	0.857	1.020	1.104	1.148	1.180	1.186	1.182	1.097	11.07
18)	Hexachloroethane	0.491	0.511	0.523	0.534	0.530	0.545	0.535	0.524	3.42
19) P	n-Nitroso-di-n...	1.071	1.207	1.259	1.284	1.292	1.285	1.233		6.91
20)	3+4-Methylphenols	1.430	1.610	1.660	1.709	1.709	1.686	1.634		6.53
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.401	0.464	0.518	0.502	0.496	0.500	0.478	0.480	8.11
23) S	Nitrobenzene-d5	0.273	0.314	0.337	0.341	0.336	0.339	0.330	0.324	7.51
24)	Nitrobenzene	0.271	0.318	0.354	0.352	0.348	0.345	0.340	0.333	8.86
25)	Isophorone	0.471	0.588	0.648	0.659	0.646	0.648	0.632	0.613	10.88
26) C	2-Nitrophenol	0.137	0.157	0.172	0.170	0.176	0.175	0.164		9.29
27)	2,4-Dimethylph...	0.213	0.239	0.256	0.266	0.259	0.261	0.255	0.250	7.32
28)	bis(2-Chloroet...	0.319	0.386	0.423	0.414	0.416	0.416	0.399	0.396	9.18
29) C	2,4-Dichloroph...	0.212	0.273	0.309	0.319	0.317	0.317	0.313	0.294	13.46
30)	1,2,4-Trichlor...	0.388	0.369	0.381	0.379	0.372	0.374	0.367	0.376	2.00
31)	Naphthalene	1.028	0.969	1.011	0.994	0.979	0.963	0.935	0.983	3.19
32)	Benzoic acid	0.057	0.095	0.133	0.156	0.165	0.165	0.188	0.132	36.60
33)	4-Chloroaniline	0.378	0.430	0.443	0.442	0.443	0.424	0.427		5.93
34) C	Hexachlorobuta...	0.248	0.245	0.262	0.245	0.249	0.251	0.244	0.249	2.46
35)	Caprolactam	0.102	0.121	0.121	0.122	0.114	0.114	0.116		6.62
36) C	4-Chloro-3-met...	0.302	0.344	0.346	0.348	0.342	0.332	0.336		5.15
37)	2-Methylnaphth...	0.724	0.756	0.806	0.778	0.770	0.757	0.734	0.761	3.61

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.735	0.758	0.801	0.802	0.795	0.794	0.787	0.782	3.24
40) P	Hexachlorocycl...		0.048	0.133	0.190	0.211	0.244	0.266	0.182	43.98
41) S	2,4,6-Tribromo...	0.197	0.223	0.254	0.247	0.243	0.239	0.238	0.234	8.09
42) C	2,4,6-Trichlor...	0.306	0.339	0.416	0.431	0.437	0.433	0.435	0.399	13.53
43)	2,4,5-Trichlor...	0.323	0.374	0.427	0.465	0.469	0.474	0.478	0.430	13.93
44) S	2-Fluorobiphenyl	1.378	1.389	1.437	1.393	1.351	1.323	1.267	1.363	4.04
45)	1,1'-Biphenyl	1.629	1.639	1.695	1.683	1.644	1.620	1.589	1.643	2.23
46)	2-Chloronaphth...	1.187	1.181	1.246	1.227	1.206	1.192	1.176	1.202	2.17
47)	2-Nitroaniline		0.281	0.341	0.354	0.358	0.347	0.347	0.338	8.50
48)	Acenaphthylene	1.835	1.980	2.058	1.994	1.947	1.885	1.843	1.935	4.31
49)	Dimethylphthalate	1.596	1.670	1.744	1.709	1.681	1.614	1.576	1.656	3.74
50)	2,6-Dinitrotol...		0.319	0.370	0.369	0.363	0.353	0.349	0.354	5.43
51) C	Acenaphthene	1.223	1.236	1.271	1.245	1.228	1.184	1.175	1.223	2.75
52)	3-Nitroaniline		0.339	0.367	0.371	0.369	0.362	0.357	0.361	3.32
53) P	2,4-Dinitrophenol		0.045	0.097	0.127	0.138	0.135	0.152	0.116	33.63
54)	Dibenzofuran	2.045	2.024	2.054	1.976	1.929	1.840	1.796	1.952	5.21
55) P	4-Nitrophenol		0.153	0.225	0.237	0.239	0.232	0.246	0.222	15.60
56)	2,4-Dinitrotol...		0.459	0.535	0.524	0.517	0.494	0.488	0.503	5.52
57)	Fluorene	1.582	1.637	1.661	1.600	1.556	1.480	1.434	1.564	5.24
58)	2,3,4,6-Tetrac...	0.311	0.375	0.431	0.440	0.429	0.422	0.421	0.404	11.36
59)	Diethylphthalate	1.577	1.699	1.791	1.717	1.691	1.594	1.549	1.660	5.31
60)	4-Chlorophenyl...	0.963	0.981	1.015	0.977	0.953	0.914	0.895	0.957	4.26
61)	4-Nitroaniline		0.349	0.402	0.392	0.394	0.366	0.368	0.379	5.44
62)	Azobenzene	1.291	1.432	1.480	1.432	1.392	1.316	1.282	1.375	5.72
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.076	0.106	0.118	0.121	0.122	0.128	0.112	16.82
65) c	n-Nitrosodiphe...	0.520	0.591	0.611	0.602	0.594	0.597	0.584	0.585	5.17
66)	4-Bromophenyl-...	0.209	0.226	0.239	0.237	0.238	0.242	0.237	0.233	4.95
67)	Hexachlorobenzene	0.231	0.236	0.250	0.241	0.242	0.242	0.238	0.240	2.46
68)	Atrazine	0.196	0.211	0.231	0.224	0.220	0.216	0.201	0.214	5.86
69) C	Pentachlorophenol		0.067	0.091	0.107	0.107	0.114	0.116	0.100	18.61
70)	Phenanthrene	1.074	1.088	1.099	1.042	1.025	1.016	0.967	1.045	4.46
71)	Anthracene	1.010	1.061	1.085	1.049	1.036	1.015	0.976	1.033	3.52
72)	Carbazole	0.882	0.954	0.999	0.958	0.942	0.928	0.881	0.935	4.56
73)	Di-n-butylphth...	0.945	1.074	1.162	1.116	1.125	1.092	1.043	1.080	6.51
74) C	Fluoranthene	1.314	1.392	1.403	1.317	1.287	1.247	1.190	1.307	5.79
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.418	0.480	0.503	0.450	0.484	0.457	0.465	6.50
77)	Pyrene	1.240	1.267	1.309	1.280	1.232	1.220	1.152	1.243	4.07
78) S	Terphenyl-d14	0.950	0.940	0.934	0.894	0.850	0.824	0.761	0.879	8.01
79)	Butylbenzylphth...	0.336	0.390	0.452	0.469	0.472	0.473	0.460	0.436	12.07
80)	Benzo(a)anthra...	1.177	1.211	1.275	1.232	1.206	1.199	1.149	1.207	3.31
81)	3,3'-Dichlorob...	0.332	0.401	0.450	0.451	0.447	0.440	0.419	0.420	10.23
82)	Chrysene	1.178	1.184	1.200	1.179	1.147	1.130	1.084	1.157	3.46

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83)	Bis(2-ethylhex...	0.524	0.566	0.652	0.664	0.670	0.669	0.646	0.627	9.29
84) c	Di-n-octyl pht...	0.784	0.940	1.072	1.113	1.115	1.122	1.096	1.035	12.30
85)	Indeno(1,2,3-c...	1.032	1.149	1.266	1.286	1.313	1.312	1.300	1.237	8.62
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.139	1.185	1.248	1.211	1.216	1.206	1.165	1.196	3.01
88)	Benzo(k)fluora...	1.224	1.237	1.244	1.239	1.210	1.215	1.173	1.220	2.01
89) C	Benzo(a)pyrene	1.060	1.111	1.173	1.162	1.147	1.160	1.127	1.134	3.44
90)	Dibenzo(a,h)an...	0.933	1.064	1.123	1.114	1.121	1.128	1.110	1.085	6.49
91)	Benzo(g,h,i)pe...	0.953	1.025	1.105	1.091	1.102	1.102	1.087	1.066	5.37

(#) = Out of Range