

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG050515.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue May 05 16:13:58 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BG016860.D 10 =BG016861.D 25 =BG016862.D 40 =BG016863.D 50 =BG016864.D 60 =BG016865.D 80 =BG016866.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.591	0.459	0.454	0.454	0.451	0.480	0.481	11.35	
3)	Pyridine	1.561	1.454	1.458	1.447	1.484	1.524	1.488	3.06	
4)	n-Nitrosodimet...	0.944	0.857	0.826	0.844	0.915	0.944	0.888	5.91	
5) S	2-Fluorophenol	1.138	1.294	1.111	1.101	1.089	1.135	1.172	1.149	6.07
6)	Aniline	2.152	2.596	2.284	2.198	2.221	2.310	2.369	2.304	6.41
7) S	Phenol-d6	1.594	1.842	1.612	1.565	1.569	1.622	1.684	1.641	5.92
8)	2-Chlorophenol	1.341	1.468	1.282	1.256	1.268	1.315	1.385	1.331	5.67
9)	Benzaldehyde	1.275	1.440	1.223	1.125	1.069	1.028	0.847	1.144	16.69
10) C	Phenol	1.644	1.973	1.751	1.670	1.706	1.737	1.838	1.760	6.42
11)	bis(2-Chloroet...	1.422	1.431	1.290	1.307	1.316	1.335	1.424	1.361	4.59
12)	1,3-Dichlorobe...	1.587	1.596	1.444	1.371	1.372	1.410	1.491	1.467	6.45
13) C	1,4-Dichlorobe...	1.478	1.665	1.455	1.420	1.416	1.453	1.517	1.486	5.78
14)	1,2-Dichlorobe...	1.511	1.546	1.387	1.358	1.356	1.374	1.452	1.426	5.43
15)	Benzyl Alcohol	1.378	1.678	1.471	1.427	1.445	1.505	1.586	1.499	6.84
16)	2,2'-oxybis(1-...	2.620	2.902	2.445	2.353	2.381	2.405	2.526	2.519	7.63
17)	2-Methylphenol	1.219	1.354	1.220	1.183	1.183	1.240	1.275	1.239	4.82
18)	Hexachloroethane	0.674	0.663	0.581	0.581	0.569	0.587	0.622	0.611	6.99
19) P	n-Nitroso-di-n...	1.442	1.574	1.443	1.351	1.388	1.403	1.471	1.439	4.99
20)	3+4-Methylphenols	1.553	1.901	1.690	1.629	1.672	1.716	1.791	1.708	6.58
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.491	0.508	0.482	0.446	0.452	0.454	0.501	0.476	5.30
23) S	Nitrobenzene-d5	0.437	0.436	0.406	0.378	0.392	0.389	0.428	0.409	5.91
24)	Nitrobenzene	0.418	0.445	0.409	0.385	0.397	0.400	0.439	0.413	5.35
25)	Isophorone	0.873	0.914	0.832	0.763	0.779	0.781	0.844	0.827	6.70
26) C	2-Nitrophenol	0.172	0.172	0.162	0.158	0.166	0.164	0.183	0.168	4.97
27)	2,4-Dimethylph...	0.296	0.323	0.309	0.289	0.297	0.296	0.322	0.305	4.41
28)	bis(2-Chloroet...	0.445	0.470	0.415	0.377	0.395	0.388	0.431	0.417	8.04
29) C	2,4-Dichloroph...	0.283	0.313	0.288	0.269	0.279	0.277	0.306	0.288	5.52
30)	1,2,4-Trichlor...	0.312	0.329	0.305	0.285	0.294	0.293	0.318	0.305	5.11
31)	Naphthalene	1.111	1.095	0.985	0.914	0.926	0.926	1.006	0.995	8.18
32)	Benzoic acid	0.128	0.166	0.165	0.185	0.204	0.226	0.179	19.12	
33)	4-Chloroaniline	0.440	0.504	0.466	0.433	0.446	0.439	0.487	0.459	5.94
34) C	Hexachlorobuta...	0.217	0.214	0.188	0.175	0.177	0.172	0.194	0.191	9.65
35)	Caprolactam	0.163	0.154	0.139	0.141	0.143	0.156	0.150	6.52	
36) C	4-Chloro-3-met...	0.356	0.403	0.382	0.343	0.353	0.356	0.387	0.369	6.02
37)	2-Methylnaphth...	0.823	0.851	0.755	0.692	0.701	0.707	0.777	0.758	8.26

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.561	0.583	0.521	0.517	0.530	0.515	0.557	0.541	4.91
40) P	Hexachlorocycl...	0.344	0.371	0.341	0.332	0.349	0.331	0.376	0.349	5.16
41) S	2,4,6-Tribromo...	0.206	0.205	0.195	0.191	0.194	0.197	0.219	0.201	4.84
42) C	2,4,6-Trichlor...	0.382	0.391	0.365	0.384	0.380	0.375	0.406	0.383	3.41
43)	2,4,5-Trichlor...	0.419	0.423	0.379	0.396	0.410	0.390	0.430	0.407	4.67
44) S	2-Fluorobiphenyl	1.486	1.453	1.323	1.270	1.270	1.212	1.265	1.325	7.83
45)	1,1'-Biphenyl	1.548	1.521	1.407	1.370	1.390	1.343	1.445	1.432	5.37
46)	2-Chloronaphth...	1.218	1.214	1.115	1.086	1.100	1.049	1.157	1.134	5.70
47)	2-Nitroaniline	0.368	0.379	0.386	0.386	0.401	0.396	0.446	0.395	6.31
48)	Acenaphthylene	2.156	2.146	1.949	1.893	1.887	1.843	1.953	1.975	6.38
49)	Dimethylphthalate	1.600	1.618	1.482	1.421	1.433	1.397	1.504	1.493	5.83
50)	2,6-Dinitrotol...	0.290	0.311	0.298	0.308	0.312	0.303	0.348	0.310	5.97
51) C	Acenaphthene	1.212	1.330	1.159	1.120	1.131	1.091	1.186	1.175	6.76
52)	3-Nitroaniline	0.311	0.348	0.349	0.355	0.359	0.352	0.395	0.353	6.93
53) P	2,4-Dinitrophenol		0.130	0.129	0.129	0.145	0.147	0.171	0.142	11.56
54)	Dibenzofuran	1.718	1.822	1.672	1.614	1.612	1.566	1.680	1.669	5.06
55) P	4-Nitrophenol		0.284	0.288	0.290	0.301	0.300	0.333	0.299	5.97
56)	2,4-Dinitrotol...	0.334	0.368	0.384	0.391	0.409	0.416	0.475	0.397	11.13
57)	Fluorene	1.492	1.621	1.467	1.417	1.428	1.414	1.504	1.478	4.92
58)	2,3,4,6-Tetrac...	0.348	0.357	0.343	0.349	0.345	0.336	0.378	0.351	3.84
59)	Diethylphthalate	1.690	1.693	1.556	1.500	1.522	1.474	1.601	1.577	5.60
60)	4-Chlorophenyl...	0.827	0.794	0.715	0.696	0.707	0.685	0.774	0.742	7.43
61)	4-Nitroaniline	0.392	0.426	0.400	0.397	0.401	0.404	0.443	0.409	4.49
62)	Azobenzene	1.734	1.777	1.618	1.552	1.568	1.536	1.644	1.633	5.68
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.085	0.089	0.093	0.101	0.106	0.122	0.099	13.57
65) c	n-Nitrosodiphe...	0.649	0.672	0.602	0.571	0.586	0.574	0.619	0.611	6.31
66)	4-Bromophenyl-...	0.206	0.217	0.200	0.187	0.193	0.190	0.212	0.201	5.59
67)	Hexachlorobenzene	0.222	0.227	0.206	0.195	0.203	0.205	0.223	0.212	5.69
68)	Atrazine	0.225	0.253	0.216	0.210	0.213	0.206	0.214	0.220	7.21
69) C	Pentachlorophenol		0.134	0.129	0.133	0.139	0.136	0.153	0.137	6.04
70)	Phenanthrene	1.136	1.149	1.021	0.968	0.982	0.949	1.000	1.029	7.85
71)	Anthracene	1.125	1.165	1.033	0.975	0.998	0.965	1.008	1.038	7.42
72)	Carbazole	1.067	1.115	0.987	0.943	0.944	0.904	0.950	0.987	7.72
73)	Di-n-butylphth...	1.462	1.461	1.279	1.218	1.209	1.151	1.179	1.280	10.18
74) C	Fluoranthene	1.307	1.383	1.203	1.147	1.120	1.085	1.113	1.194	9.35
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.771	0.781	0.718	0.669	0.649	0.612	0.557	0.680	12.13
77)	Pyrene	1.290	1.313	1.223	1.098	1.122	1.089	1.128	1.180	7.93
78) S	Terphenyl-d14	0.976	0.986	0.893	0.807	0.790	0.763	0.757	0.853	11.48
79)	Butylbenzylphth...	0.594	0.600	0.556	0.529	0.540	0.533	0.576	0.561	5.20
80)	Benzo(a)anthra...	1.162	1.194	1.084	1.010	1.008	1.004	1.048	1.073	7.24
81)	3,3'-Dichlorob...	0.429	0.451	0.429	0.397	0.400	0.407	0.421	0.419	4.59
82)	Chrysene	1.070	1.106	1.019	0.949	0.963	0.943	0.985	1.005	6.26

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83)	Bis(2-ethylhex...	0.815	0.818	0.769	0.733	0.735	0.733	0.768	0.767	4.82
84) c	Di-n-octyl pht...	1.431	1.399	1.307	1.232	1.222	1.199	1.234	1.289	7.18
85)	Indeno(1,2,3-c...	1.388	1.249	1.143	1.090	1.126	1.132	1.256	1.198	8.77
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.198	1.193	1.152	1.046	1.047	1.027	1.138	1.114	6.56
88)	Benzo(k)fluora...	1.182	1.139	1.045	1.001	1.043	1.027	1.066	1.072	6.06
89) C	Benzo(a)pyrene	1.126	1.095	1.041	0.974	1.001	0.977	1.058	1.039	5.63
90)	Dibenzo(a,h)an...	1.216	1.109	1.026	0.975	1.010	0.997	1.096	1.061	7.96
91)	Benzo(g,h,i)pe...	1.176	1.060	0.980	0.913	0.950	0.951	1.044	1.011	8.90

(#) = Out of Range