

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG100616.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Oct 06 11:45:13 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BG024187.D 10 =BG024188.D 25 =BG024189.D 40 =BG024190.D 50 =BG024191.D 60 =BG024192.D 80 =BG024193.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.495	0.442	0.427	0.420	0.422	0.446	0.412	0.438	6.42
3)	Pyridine	0.946	1.232	1.277	1.373	1.342	1.404	1.396	1.281	12.56
4)	n-Nitrosodimet...	0.719	0.805	0.833	0.840	0.836	0.835	0.813	0.812	5.28
5) S	2-Fluorophenol	1.252	1.151	1.186	1.140	1.125	1.145	1.116	1.159	4.00
6)	Aniline	2.388	2.478	2.365	2.337	2.302	2.407	2.298	2.368	2.68
7) S	Phenol-d6	1.571	1.763	1.735	1.722	1.670	1.731	1.625	1.688	4.12
8)	2-Chlorophenol	1.258	1.301	1.304	1.289	1.286	1.318	1.254	1.287	1.84
9)	Benzaldehyde	0.912	0.930	0.928	0.927	0.945	0.941	0.929	0.930	1.13
10) C	Phenol	1.909	1.882	1.858	1.858	1.839	1.898	1.832	1.868	1.57
11)	bis(2-Chloroet...	1.367	1.390	1.397	1.372	1.384	1.429	1.402	1.392	1.48
12)	1,3-Dichlorobe...	1.490	1.515	1.481	1.435	1.446	1.466	1.393	1.461	2.74
13) C	1,4-Dichlorobe...	1.526	1.521	1.501	1.459	1.449	1.481	1.446	1.483	2.26
14)	1,2-Dichlorobe...	1.549	1.507	1.434	1.387	1.397	1.421	1.388	1.441	4.41
15)	Benzyl Alcohol	1.375	1.588	1.580	1.589	1.582	1.631	1.578	1.560	5.36
16)	2,2'-oxybis(1-...	2.994	3.056	3.028	2.871	2.835	2.890	2.760	2.919	3.75
17)	2-Methylphenol	1.121	1.194	1.175	1.191	1.167	1.237	1.212	1.185	3.12
18)	Hexachloroethane	0.534	0.572	0.576	0.580	0.582	0.596	0.590	0.576	3.51
19) P	n-Nitroso-di-n...	1.228	1.477	1.447	1.409	1.398	1.448	1.388	1.399	5.84
20)	3+4-Methylphenols	1.706	1.686	1.700	1.636	1.687	1.756	1.685	1.694	2.11
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.479	0.489	0.499	0.505	0.476	0.487	0.464	0.486	2.92
23) S	Nitrobenzene-d5	0.412	0.409	0.420	0.430	0.407	0.416	0.395	0.413	2.69
24)	Nitrobenzene	0.450	0.449	0.460	0.475	0.454	0.471	0.452	0.458	2.25
25)	Isophorone	0.799	0.860	0.850	0.870	0.811	0.839	0.782	0.830	3.99
26) C	2-Nitrophenol	0.153	0.163	0.164	0.173	0.171	0.183	0.174	0.169	5.63
27)	2,4-Dimethylph...	0.370	0.347	0.337	0.336	0.326	0.341	0.321	0.340	4.67
28)	bis(2-Chloroet...	0.432	0.455	0.460	0.462	0.433	0.438	0.422	0.443	3.53
29) C	2,4-Dichloroph...	0.352	0.319	0.323	0.335	0.317	0.331	0.314	0.327	4.04
30)	1,2,4-Trichlor...	0.378	0.360	0.354	0.358	0.347	0.356	0.340	0.356	3.38
31)	Naphthalene	1.065	0.980	0.946	0.943	0.891	0.902	0.842	0.939	7.64
32)	Benzoic acid	0.157	0.229	0.256	0.268	0.266	0.287	0.282	0.249	18.07
33)	4-Chloroaniline	0.483	0.431	0.429	0.443	0.422	0.428	0.407	0.435	5.50
34) C	Hexachlorobuta...	0.270	0.271	0.265	0.274	0.260	0.266	0.255	0.266	2.58
35)	Caprolactam	0.097	0.109	0.121	0.118	0.119	0.122	0.114	0.114	7.72
36) C	4-Chloro-3-met...	0.439	0.437	0.423	0.431	0.409	0.417	0.398	0.422	3.56
37)	2-Methylnaphth...	0.736	0.752	0.707	0.719	0.665	0.677	0.638	0.699	5.81

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.555	0.584	0.576	0.571	0.558	0.580	0.560	0.569	2.01
40) P	Hexachlorocycl...	0.353	0.392	0.389	0.408	0.390	0.405	0.400	0.391	4.71
41) S	2,4,6-Tribromo...	0.249	0.259	0.250	0.252	0.243	0.256	0.236	0.249	3.08
42) C	2,4,6-Trichlor...	0.373	0.400	0.382	0.385	0.375	0.391	0.380	0.384	2.45
43)	2,4,5-Trichlor...	0.403	0.398	0.395	0.396	0.388	0.409	0.390	0.397	1.87
44) S	2-Fluorobiphenyl	1.264	1.224	1.142	1.092	0.954	0.956	0.849	1.069	14.40
45)	1,1'-Biphenyl	1.408	1.377	1.328	1.320	1.217	1.253	1.151	1.293	7.05
46)	2-Chloronaphth...	1.041	1.060	1.020	1.005	0.933	0.982	0.901	0.992	5.79
47)	2-Nitroaniline	0.328	0.361	0.403	0.387	0.403	0.424	0.405	0.387	8.43
48)	Acenaphthylene	1.696	1.675	1.618	1.560	1.426	1.472	1.322	1.538	8.98
49)	Dimethylphthalate	1.477	1.465	1.405	1.374	1.240	1.265	1.144	1.338	9.35
50)	2,6-Dinitrotol...	0.258	0.276	0.288	0.295	0.288	0.308	0.287	0.286	5.48
51) C	Acenaphthene	1.143	1.125	1.122	1.085	1.047	1.096	1.022	1.092	4.01
52)	3-Nitroaniline	0.249	0.276	0.272	0.284	0.273	0.299	0.276	0.276	5.35
53) P	2,4-Dinitrophenol	0.119	0.160	0.169	0.173	0.186	0.198	0.193	0.171	15.53
54)	Dibenzofuran	1.694	1.634	1.520	1.507	1.357	1.376	1.247	1.477	10.78
55) P	4-Nitrophenol	0.199	0.262	0.262	0.262	0.256	0.274	0.258	0.253	9.70
56)	2,4-Dinitrotol...	0.346	0.371	0.404	0.410	0.407	0.423	0.408	0.395	6.87
57)	Fluorene	1.421	1.407	1.309	1.287	1.175	1.192	1.097	1.270	9.58
58)	2,3,4,6-Tetrac...	0.360	0.388	0.378	0.374	0.362	0.377	0.360	0.371	2.87
59)	Diethylphthalate	1.555	1.531	1.473	1.422	1.280	1.303	1.181	1.392	10.08
60)	4-Chlorophenyl...	0.786	0.766	0.742	0.719	0.687	0.706	0.657	0.723	6.26
61)	4-Nitroaniline	0.288	0.277	0.302	0.306	0.298	0.305	0.292	0.295	3.54
62)	Azobenzene	1.462	1.511	1.468	1.420	1.296	1.324	1.189	1.381	8.36
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...	0.100	0.107	0.118	0.123	0.129	0.135	0.132	0.121	10.85
65) c	n-Nitrosodiphe...	0.612	0.597	0.567	0.545	0.531	0.545	0.499	0.557	6.95
66)	4-Bromophenyl-...	0.241	0.224	0.223	0.228	0.222	0.228	0.217	0.226	3.34
67)	Hexachlorobenzene	0.293	0.273	0.254	0.253	0.250	0.258	0.244	0.261	6.40
68)	Atrazine	0.202	0.203	0.200	0.190	0.184	0.190	0.173	0.192	5.73
69) C	Pentachlorophenol	0.136	0.156	0.163	0.165	0.167	0.175	0.165	0.161	7.71
70)	Phenanthrene	1.108	1.046	0.974	0.924	0.848	0.845	0.742	0.927	13.67
71)	Anthracene	1.126	1.084	0.997	0.948	0.857	0.859	0.764	0.948	13.79
72)	Carbazole	0.984	0.974	0.904	0.858	0.781	0.774	0.694	0.853	12.76
73)	Di-n-butylphth...	1.062	1.105	1.056	0.997	0.879	0.850	0.728	0.954	14.45
74) C	Fluoranthene	1.289	1.234	1.144	1.046	0.928	0.899	0.791	1.047	17.62
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.376	0.461	0.488	0.502	0.492	0.505	0.461	0.469	9.55
77)	Pyrene	1.260	1.165	1.071	1.069	0.904	0.918	0.786	1.025	16.05
78) S	Terphenyl-d14		0.845	0.729	0.693	0.543	0.539		0.670	19.46
79)	Butylbenzylphth...	0.444	0.456	0.451	0.449	0.425	0.442	0.403	0.439	4.19
80)	Benzo(a)anthra...	1.243	1.159	1.089	1.067	0.953	0.958	0.853	1.046	12.80
81)	3,3'-Dichlorob...	0.471	0.431	0.428	0.435	0.409	0.426	0.387	0.427	6.03
82)	Chrysene	1.209	1.103	1.028	1.021	0.905	0.910	0.810	0.998	13.49

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83)	Bis(2-ethylhex...	0.679	0.646	0.628	0.623	0.576	0.588	0.535	0.611	7.82
84) c	Di-n-octyl pht...	1.187	1.118	1.063	1.049	0.947	0.961	0.859	1.026	10.85
85)	Indeno(1,2,3-c...	1.278	1.255	1.229	1.236	1.206	1.253	1.173	1.233	2.82
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.197	1.118	1.052	1.041	0.979	1.008	0.950	1.049	8.10
88)	Benzo(k)fluora...	1.184	1.113	1.075	1.074	0.976	0.993	0.884	1.043	9.50
89) C	Benzo(a)pyrene	1.174	1.058	1.037	1.002	0.952	0.977	0.908	1.015	8.51
90)	Dibenzo(a,h)an...	1.152	1.052	1.034	1.031	0.980	1.016	0.950	1.031	6.20
91)	Benzo(g,h,i)pe...	1.101	1.012	1.018	1.001	0.975	1.021	0.968	1.014	4.31

(#) = Out of Range