

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG062416.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 24 04:19:57 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BG022515.D 10 =BG022516.D 25 =BG022517.D 40 =BG022518.D 50 =BG022519.D 60 =BG022520.D 80 =BG022521.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.458	0.501	0.512	0.496	0.446	0.483	0.568	0.495	8.08
3)	Pyridine	1.302	1.446	1.537	1.424	1.547	1.848	1.517		12.19
4)	n-Nitrosodimet...	0.805	0.910	0.788	0.832	0.771	0.833	0.958	0.843	8.03
5) S	2-Fluorophenol	1.353	1.233	1.229	1.196	1.117	1.157	1.361	1.235	7.49
6)	Aniline	2.383	2.442	2.426	2.414	2.243	2.316	2.717	2.420	6.14
7) S	Phenol-d6	1.839	1.757	1.698	1.705	1.572	1.653	1.880	1.729	6.15
8)	2-Chlorophenol	1.409	1.342	1.311	1.257	1.140	1.213	1.446	1.303	8.29
9)	Benzaldehyde	1.756	1.439	1.433	0.714	0.668	0.721	0.816	1.078	41.69
10) C	Phenol	1.987	1.838	1.839	1.843	1.656	1.741	2.020	1.846	6.90
11)	bis(2-Chloroet...	1.680	1.454	1.386	1.387	1.287	1.350	1.583	1.447	9.58
12)	1,3-Dichlorobe...	1.771	1.491	1.553	1.551	1.379	1.483	1.697	1.561	8.57
13) C	1,4-Dichlorobe...	1.934	1.619	1.540	1.526	1.389	1.487	1.735	1.604	11.29
14)	1,2-Dichlorobe...	1.605	1.516	1.443	1.463	1.319	1.414	1.613	1.482	7.11
15)	Benzyl Alcohol	2.186	1.787	1.834	1.805	1.667	1.760	2.036	1.868	9.60
16)	2,2'-oxybis(1-...	1.811	1.739	1.646	1.661	1.480	1.578	1.848	1.680	7.71
17)	2-Methylphenol	1.236	1.199	1.192	1.184	1.072	1.131	1.333	1.193	6.85
18)	Hexachloroethane	0.682	0.670	0.686	0.653	0.604	0.642	0.751	0.670	6.75
19) P	n-Nitroso-di-n...	1.773	1.631	1.466	1.459	1.328	1.400	1.625	1.526	10.19
20)	3+4-Methylphenols	1.785	1.671	1.637	1.634	1.516	1.563	1.821	1.661	6.64
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.657	0.577	0.550	0.559	0.532	0.524	0.629	0.575	8.66
23) S	Nitrobenzene-d5	0.526	0.449	0.449	0.459	0.439	0.431	0.517	0.467	8.23
24)	Nitrobenzene	0.559	0.487	0.491	0.501	0.489	0.469	0.577	0.510	8.00
25)	Isophorone	0.998	0.949	0.858	0.870	0.847	0.817	0.984	0.903	7.99
26) C	2-Nitrophenol	0.202	0.167	0.174	0.184	0.176	0.177	0.220	0.186	10.04
27)	2,4-Dimethylph...	0.351	0.333	0.325	0.311	0.304	0.320	0.370	0.331	6.94
28)	bis(2-Chloroet...	0.544	0.506	0.468	0.469	0.448	0.447	0.525	0.487	7.88
29) C	2,4-Dichloroph...	0.373	0.341	0.332	0.347	0.330	0.324	0.400	0.350	7.80
30)	1,2,4-Trichlor...	0.433	0.387	0.396	0.399	0.373	0.374	0.454	0.402	7.57
31)	Naphthalene	1.122	1.009	0.946	0.975	0.907	0.897	1.058	0.988	8.27
32)	Benzoic acid	0.134	0.185	0.211	0.202	0.209		0.188		16.85
33)	4-Chloroaniline	0.458	0.469	0.449	0.459	0.430	0.418	0.513	0.456	6.67
34) C	Hexachlorobuta...	0.366	0.322	0.308	0.319	0.296	0.304	0.366	0.326	8.81
35)	Caprolactam	0.096	0.097	0.103	0.101	0.104	0.132	0.106		12.78
36) C	4-Chloro-3-met...	0.483	0.419	0.405	0.413	0.403	0.389	0.471	0.426	8.47
37)	2-Methylnaphth...	0.864	0.779	0.745	0.752	0.706	0.699	0.829	0.768	7.98

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.796	0.700	0.713	0.669	0.673	0.678	0.815	0.720	8.37
40) P	Hexachlorocycl...	0.636	0.556	0.586	0.557	0.566	0.578	0.715	0.599	9.68
41) S	2,4,6-Tribromo...	0.324	0.295	0.310	0.291	0.293	0.295	0.365	0.310	8.66
42) C	2,4,6-Trichlor...	0.550	0.467	0.458	0.450	0.452	0.454	0.550	0.483	9.52
43)	2,4,5-Trichlor...	0.528	0.470	0.478	0.443	0.453	0.460	0.568	0.486	9.38
44) S	2-Fluorobiphenyl	1.634	1.388	1.328	1.226	1.198	1.160	1.237	1.310	12.43
45)	1,1'-Biphenyl	1.697	1.477	1.480	1.384	1.369	1.357	1.563	1.475	8.32
46)	2-Chloronaphth...	1.293	1.207	1.196	1.139	1.114	1.134	1.298	1.197	6.26
47)	2-Nitroaniline	0.478	0.413	0.463	0.448	0.457	0.460	0.566	0.469	10.06
48)	Acenaphthylene	2.047	1.780	1.784	1.680	1.669	1.639	1.871	1.781	8.01
49)	Dimethylphthalate	1.761	1.624	1.607	1.501	1.492	1.461	1.659	1.586	6.79
50)	2,6-Dinitrotol...	0.365	0.320	0.325	0.328	0.329	0.328	0.407	0.343	9.27
51) C	Acenaphthene	1.366	1.286	1.285	1.238	1.236	1.233	1.473	1.302	6.82
52)	3-Nitroaniline	0.345	0.294	0.320	0.315	0.319	0.329	0.403	0.332	10.45
53) P	2,4-Dinitrophenol		0.171	0.187	0.195	0.201	0.210	0.289	0.209	19.82
54)	Dibenzofuran	2.294	1.932	1.923	1.780	1.767	1.737	1.916	1.907	9.93
55) P	4-Nitrophenol	0.299	0.264	0.284	0.281	0.281	0.279	0.343	0.290	8.81
56)	2,4-Dinitrotol...	0.419	0.432	0.462	0.468	0.478	0.476	0.590	0.475	11.62
57)	Fluorene	1.803	1.570	1.523	1.421	1.409	1.415	1.602	1.535	9.26
58)	2,3,4,6-Tetrac...	0.568	0.514	0.510	0.499	0.496	0.497	0.615	0.528	8.68
59)	Diethylphthalate	2.040	1.746	1.705	1.558	1.575	1.539	1.752	1.702	10.23
60)	4-Chlorophenyl...	1.049	0.916	0.880	0.850	0.841	0.838	1.009	0.912	9.36
61)	4-Nitroaniline	0.354	0.307	0.343	0.324	0.325	0.333	0.422	0.344	10.93
62)	Azobenzene	2.172	1.881	1.867	1.708	1.695	1.680	1.875	1.840	9.35
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.100	0.114	0.118	0.118	0.125	0.162	0.123	17.15
65) c	n-Nitrosodiphe...	0.713	0.585	0.564	0.529	0.525	0.524	0.614	0.579	11.76
66)	4-Bromophenyl-...	0.274	0.242	0.236	0.229	0.229	0.228	0.278	0.245	8.81
67)	Hexachlorobenzene	0.302	0.264	0.259	0.239	0.238	0.243	0.302	0.264	10.50
68)	Atrazine	0.296	0.258	0.246	0.232	0.234	0.235	0.287	0.256	10.35
69) C	Pentachlorophenol	0.159	0.162	0.173	0.170	0.173	0.178	0.219	0.176	11.36
70)	Phenanthrene	1.257	1.050	1.012	0.927	0.901	0.882	0.958	0.998	12.90
71)	Anthracene	1.253	1.077	1.051	0.941	0.919	0.901	0.977	1.017	12.09
72)	Carbazole	1.082	0.936	0.888	0.811	0.799	0.785	0.867	0.881	11.77
73)	Di-n-butylphth...	1.406	1.180	1.127	0.991	0.963	0.932	0.960	1.080	15.86
74) C	Fluoranthene	1.623	1.286	1.259	1.105	1.058	1.034	1.055	1.203	17.55
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.201	0.420	0.574	0.327	0.356	0.383	0.468	0.390	29.96
77)	Pyrene	1.421	1.247	1.129	1.050	1.017	0.967	0.981	1.116	14.85
78) S	Terphenyl-d14	1.034	0.901	0.788	0.684	0.654	0.598	0.556	0.745	23.21
79)	Butylbenzylphth...	0.587	0.495	0.474	0.449	0.446	0.444	0.497	0.485	10.40
80)	Benzo(a)anthra...	1.403	1.209	1.135	1.028	1.033	1.006	1.066	1.126	12.56
81)	3,3'-Dichlorob...	0.560	0.453	0.463	0.413	0.420	0.422	0.501	0.462	11.52
82)	Chrysene	1.326	1.127	1.052	0.981	0.964	0.939	0.999	1.055	12.77

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83)	Bis(2-ethylhex...	0.858	0.662	0.656	0.598	0.600	0.592	0.653	0.660	14.02
84) c	Di-n-octyl pht...	1.321	1.053	1.060	0.981	0.973	0.944	1.028	1.052	12.02
85)	Indeno(1,2,3-c...	1.362	1.201	1.222	1.155	1.174	1.159	1.371	1.235	7.51
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.392	1.223	1.145	1.049	1.089	1.096	1.254	1.178	10.18
88)	Benzo(k)fluora...	1.407	1.154	1.058	1.013	1.012	1.005	1.153	1.115	12.91
89) C	Benzo(a)pyrene	1.264	1.135	1.077	1.020	1.039	1.049	1.229	1.116	8.67
90)	Dibenzo(a,h)an...	1.227	1.087	1.017	0.927	0.961	0.959	1.141	1.046	10.59
91)	Benzo(g,h,i)pe...	1.237	1.086	1.030	0.932	0.966	0.973	1.179	1.058	10.92

(#) = Out of Range