

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG022616.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Feb 26 16:39:44 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BG021074.D 10 =BG021075.D 25 =BG021076.D 40 =BG021077.D 50 =BG021078.D 60 =BG021079.D 80 =BG021080.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.502	0.521	0.544	0.530	0.554	0.523	0.529	3.42	
3)	Pyridine	1.381	1.511	1.614	1.537	1.611	1.628	1.547	6.06	
4)	n-Nitrosodimet...	0.714	0.769	0.839	0.749	0.809	0.827	0.784	6.20	
5) S	2-Fluorophenol	1.047	1.097	1.126	1.192	1.137	1.210	1.188	1.142	5.13
6)	Aniline	1.729	1.963	2.081	2.260	2.170	2.245	2.271	2.103	9.45
7) S	Phenol-d6	1.515	1.618	1.656	1.801	1.718	1.796	1.796	1.700	6.44
8)	2-Chlorophenol	1.267	1.360	1.447	1.496	1.413	1.471	1.520	1.425	6.14
9)	Benzaldehyde	1.029	1.037	1.050	0.948	0.836	0.828	0.717	0.921	14.02
10) C	Phenol	1.459	1.555	1.783	1.849	1.805	1.849	1.891	1.741	9.55
11)	bis(2-Chloroet...	1.363	1.288	1.257	1.380	1.290	1.365	1.400	1.335	4.12
12)	1,3-Dichlorobe...	1.250	1.531	1.557	1.591	1.503	1.584	1.599	1.516	8.06
13) C	1,4-Dichlorobe...	1.801	1.465	1.564	1.636	1.568	1.633	1.672	1.620	6.47
14)	1,2-Dichlorobe...	1.495	1.513	1.516	1.604	1.498	1.548	1.562	1.534	2.58
15)	Benzyl Alcohol	1.291	1.366	1.481	1.594	1.520	1.574	1.568	1.485	7.77
16)	2,2'-oxybis(1-...	1.437	1.509	1.565	1.492	1.596	1.584	1.530		4.03
17)	2-Methylphenol	0.998	1.165	1.201	1.320	1.265	1.347	1.309	1.229	9.87
18)	Hexachloroethane	0.574	0.602	0.648	0.597	0.619	0.637	0.613		4.49
19) P	n-Nitroso-di-n...	1.068	1.198	1.342	1.434	1.347	1.384	1.406	1.311	10.01
20)	3+4-Methylphenols	1.280	1.626	1.742	1.829	1.775	1.859	1.818	1.704	11.86
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.502	0.548	0.548	0.569	0.562	0.569	0.567	0.552	4.32
23) S	Nitrobenzene-d5	0.375	0.418	0.432	0.430	0.424	0.430	0.429	0.420	4.80
24)	Nitrobenzene	0.329	0.439	0.458	0.453	0.453	0.445	0.460	0.434	10.82
25)	Isophorone	0.712	0.751	0.796	0.811	0.802	0.813	0.822	0.787	5.11
26) C	2-Nitrophenol	0.152	0.185	0.189	0.188	0.188	0.198	0.183		8.79
27)	2,4-Dimethylph...	0.299	0.310	0.341	0.332	0.322	0.322	0.339	0.323	4.74
28)	bis(2-Chloroet...	0.326	0.393	0.399	0.389	0.395	0.388	0.394	0.383	6.65
29) C	2,4-Dichloroph...	0.300	0.314	0.316	0.319	0.323	0.327	0.317		2.91
30)	1,2,4-Trichlor...	0.362	0.352	0.360	0.369	0.353	0.347	0.368	0.359	2.32
31)	Naphthalene	0.986	1.041	1.045	1.046	1.010	1.025	1.037	1.027	2.18
32)	Benzoic acid	0.241	0.289	0.317	0.310	0.308	0.317	0.297		9.81
33)	4-Chloroaniline	0.348	0.418	0.445	0.440	0.443	0.451	0.459	0.429	8.82
34) C	Hexachlorobuta...	0.172	0.243	0.256	0.256	0.249	0.247	0.258	0.240	12.73
35)	Caprolactam	0.099	0.103	0.111	0.103	0.114	0.111	0.107		5.40
36) C	4-Chloro-3-met...	0.325	0.376	0.401	0.404	0.405	0.406	0.400	0.388	7.62
37)	2-Methylnaphth...	0.690	0.701	0.710	0.734	0.732	0.740	0.743	0.721	2.89

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG022616.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.689	0.714	0.723	0.760	0.736	0.756	0.796	0.739	4.76
40) P	Hexachlorocycl...	0.385	0.465	0.488	0.508	0.500	0.516	0.542	0.486	10.39
41) S	2,4,6-Tribromo...	0.211	0.258	0.265	0.276	0.265	0.277	0.284	0.262	9.28
42) C	2,4,6-Trichlor...	0.352	0.458	0.466	0.485	0.482	0.500	0.502	0.463	11.13
43)	2,4,5-Trichlor...	0.336	0.462	0.487	0.509	0.504	0.514	0.522	0.476	13.67
44) S	2-Fluorobiphenyl	1.542	1.562	1.516	1.572	1.545	1.579	1.626	1.563	2.23
45)	1,1'-Biphenyl	1.660	1.667	1.658	1.683	1.674	1.703	1.745	1.684	1.84
46)	2-Chloronaphth...	1.217	1.252	1.264	1.287	1.290	1.294	1.342	1.278	3.07
47)	2-Nitroaniline	0.296	0.386	0.435	0.433	0.439	0.451	0.457	0.414	13.76
48)	Acenaphthylene	1.902	1.997	2.010	2.026	2.031	2.071	2.117	2.022	3.30
49)	Dimethylphthalate	1.648	1.716	1.717	1.730	1.720	1.764	1.771	1.724	2.34
50)	2,6-Dinitrotol...	0.297	0.343	0.354	0.365	0.368	0.378	0.377	0.355	7.95
51) C	Acenaphthene	1.304	1.310	1.357	1.417	1.374	1.428	1.464	1.379	4.38
52)	3-Nitroaniline	0.289	0.347	0.352	0.355	0.346	0.358	0.368	0.345	7.51
53) P	2,4-Dinitrophenol		0.203	0.221	0.263	0.260	0.265	0.271	0.247	11.26
54)	Dibenzofuran	1.649	1.783	1.730	1.771	1.721	1.760	1.815	1.747	3.06
55) P	4-Nitrophenol		0.273	0.309	0.308	0.306	0.321	0.319	0.306	5.64
56)	2,4-Dinitrotol...	0.411	0.491	0.535	0.532	0.522	0.535	0.534	0.509	8.99
57)	Fluorene	1.596	1.731	1.659	1.715	1.686	1.734	1.777	1.700	3.47
58)	2,3,4,6-Tetrac...	0.333	0.388	0.433	0.430	0.434	0.440	0.439	0.414	9.64
59)	Diethylphthalate	1.784	1.853	1.804	1.819	1.791	1.840	1.826	1.817	1.40
60)	4-Chlorophenyl...	0.898	0.940	0.921	0.946	0.909	0.955	0.976	0.935	2.93
61)	4-Nitroaniline		0.364	0.393	0.394	0.386	0.408	0.413	0.393	4.43
62)	Azobenzene	1.433	1.602	1.587	1.586	1.567	1.612	1.631	1.574	4.16
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.118	0.142	0.155	0.154	0.155	0.157	0.147	10.30
65) c	n-Nitrosodiphe...	0.559	0.570	0.577	0.606	0.603	0.606	0.609	0.590	3.51
66)	4-Bromophenyl-...	0.211	0.233	0.230	0.245	0.240	0.245	0.244	0.235	5.21
67)	Hexachlorobenzene	0.234	0.244	0.245	0.255	0.253	0.252	0.255	0.248	3.08
68)	Atrazine	0.204	0.228	0.226	0.231	0.218	0.227	0.196	0.219	6.29
69) C	Pentachlorophenol		0.149	0.165	0.176	0.170	0.175	0.171	0.168	5.92
70)	Phenanthrene	1.061	1.058	1.074	1.100	1.065	1.088	1.086	1.076	1.45
71)	Anthracene	0.984	1.070	1.080	1.118	1.099	1.121	1.113	1.084	4.42
72)	Carbazole	0.862	0.925	0.938	0.966	0.953	0.959	0.948	0.936	3.78
73)	Di-n-butylphth...	1.070	1.176	1.261	1.297	1.267	1.285	1.278	1.233	6.68
74) C	Fluoranthene	1.293	1.367	1.355	1.379	1.339	1.370	1.346	1.350	2.13
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.483	0.549	0.593	0.559	0.541	0.496	0.462	0.526	8.87
77)	Pyrene	1.070	1.056	1.124	1.125	1.143	1.116	1.118	1.107	2.86
78) S	Terphenyl-d14	0.794	0.806	0.854	0.880	0.892	0.870	0.895	0.856	4.76
79)	Butylbenzylphth...	0.406	0.425	0.462	0.486	0.479	0.486	0.490	0.462	7.24
80)	Benzo(a)anthra...	1.106	1.138	1.156	1.179	1.163	1.156	1.156	1.151	2.01
81)	3,3'-Dichlorob...	0.401	0.433	0.463	0.479	0.461	0.463	0.451	0.450	5.76
82)	Chrysene	1.098	1.104	1.103	1.119	1.114	1.112	1.107	1.108	0.65

Method Path : Z:\HPCHEM1\BNA_G\METHODS\

Method File : 8270-BG022616.M

83)	Bis(2-ethylhex...	0.636	0.635	0.710	0.753	0.734	0.753	0.776	0.714	7.99
84) c	Di-n-octyl pht...	1.083	1.120	1.193	1.262	1.230	1.246	1.239	1.196	5.76
85)	Indeno(1,2,3-c...	1.281	1.319	1.319	1.369	1.368	1.357	1.339	1.336	2.41
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.196	1.228	1.249	1.278	1.291	1.246	1.264	1.250	2.55
88)	Benzo(k)fluora...	1.161	1.235	1.250	1.237	1.266	1.226	1.252	1.232	2.78
89) C	Benzo(a)pyrene	1.142	1.197	1.204	1.220	1.230	1.197	1.211	1.200	2.36
90)	Dibenzo(a,h)an...	1.139	1.200	1.191	1.231	1.255	1.220	1.231	1.210	3.11
91)	Benzo(g,h,i)pe...	1.131	1.144	1.150	1.179	1.203	1.165	1.185	1.165	2.19

(#) = Out of Range