

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG061815.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 19 06:05:07 2015
 Response Via : Initial Calibration

Calibration Files

40 =BG017720.D 10 =BG017718.D 25 =BG017719.D 50 =BG017721.D 60 =BG017722.D 80 =BG017723.D 2.5 =BG017717.D

	Compound	40	10	25	50	60	80	2.5	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.486	0.518	0.475	0.481	0.476	0.484	0.555	0.496	5.98
3)	Pyridine	1.398	1.359	1.357	1.425	1.381	1.392	1.359	1.382	1.85
4)	n-Nitrosodimet...	0.652	0.586	0.603	0.652	0.665	0.692	0.546	0.628	8.17
5) S	2-Fluorophenol	1.130	1.148	1.121	1.144	1.128	1.129	1.177	1.140	1.67
6)	Aniline	2.202	2.175	2.147	2.211	2.209	2.228	2.246	2.203	1.48
7) S	Phenol-d6	1.616	1.614	1.587	1.617	1.607	1.644	1.527	1.602	2.33
8)	2-Chlorophenol	1.453	1.444	1.400	1.432	1.418	1.456	1.375	1.426	2.09
9)	Benzaldehyde	0.931	1.128	1.012	0.912	0.830	0.759	0.929	14.08	
10) C	Phenol	1.766	1.753	1.690	1.752	1.738	1.776	1.746	1.746	1.58
11)	bis(2-Chloroet...	1.336	1.311	1.318	1.309	1.329	1.334	1.333	1.324	0.86
12)	1,3-Dichlorobe...	1.566	1.616	1.538	1.548	1.549	1.570	1.712	1.586	3.87
13) C	1,4-Dichlorobe...	1.619	1.692	1.623	1.608	1.614	1.623	1.693	1.639	2.26
14)	1,2-Dichlorobe...	1.524	1.601	1.519	1.527	1.524	1.557	1.577	1.547	2.06
15)	Benzyl Alcohol	1.423	1.374	1.352	1.409	1.404	1.448	1.244	1.379	4.90
16)	2,2'-oxybis(1-...	1.983	2.086	1.994	2.011	1.992	2.021	2.061	2.021	1.90
17)	2-Methylphenol	1.298	1.244	1.289	1.294	1.299	1.327	1.348	1.300	2.52
18)	Hexachloroethane	0.620	0.611	0.627	0.618	0.614	0.640	0.669	0.628	3.21
19) P	n-Nitroso-di-n...	1.309	1.372	1.283	1.310	1.321	1.354	1.487	1.348	5.06
20)	3+4-Methylphenols	1.783	1.711	1.729	1.790	1.774	1.817	1.671	1.754	2.94
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.459	0.450	0.451	0.441	0.443	0.455	0.474	0.454	2.48
23) S	Nitrobenzene-d5	0.353	0.345	0.341	0.345	0.345	0.355	0.349	0.348	1.44
24)	Nitrobenzene	0.381	0.374	0.372	0.372	0.370	0.385	0.362	0.374	2.02
25)	Isophorone	0.786	0.777	0.777	0.762	0.758	0.773	0.788	0.774	1.46
26) C	2-Nitrophenol	0.174	0.153	0.166	0.173	0.177	0.188	0.163	0.170	6.58
27)	2,4-Dimethylph...	0.326	0.318	0.324	0.316	0.320	0.332	0.324	0.323	1.66
28)	bis(2-Chloroet...	0.393	0.383	0.385	0.381	0.388	0.393	0.410	0.390	2.53
29) C	2,4-Dichloroph...	0.293	0.281	0.286	0.287	0.287	0.297	0.261	0.285	4.07
30)	1,2,4-Trichlor...	0.320	0.321	0.314	0.312	0.313	0.319	0.336	0.320	2.57
31)	Naphthalene	1.092	1.100	1.087	1.058	1.048	1.053	1.131	1.081	2.78
32)	Benzoic acid	0.162	0.110	0.136	0.167	0.185	0.197	0.159	20.16	
33)	4-Chloroaniline	0.488	0.469	0.482	0.471	0.470	0.482	0.451	0.473	2.62
34) C	Hexachlorobuta...	0.186	0.181	0.182	0.182	0.183	0.187	0.181	0.183	1.24
35)	Caprolactam	0.158	0.158	0.155	0.152	0.153	0.160	0.171	0.158	4.01
36) C	4-Chloro-3-met...	0.359	0.348	0.347	0.350	0.346	0.361	0.353	0.352	1.69
37)	2-Methylnaphth...	0.798	0.785	0.790	0.765	0.765	0.777	0.765	0.778	1.73

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38)	I	Acenaphthene-d10	-----ISTD-----								
39)		1,2,4,5-Tetrac...	0.526	0.536	0.535	0.527	0.536	0.547	0.549	0.536	1.63
40)	P	Hexachlorocycl...	0.371	0.349	0.354	0.363	0.373	0.384	0.329	0.360	5.06
41)	S	2,4,6-Tribromo...	0.191	0.179	0.175	0.190	0.197	0.207	0.159	0.185	8.67
42)	C	2,4,6-Trichlor...	0.374	0.349	0.362	0.367	0.372	0.381	0.337	0.363	4.30
43)		2,4,5-Trichlor...	0.400	0.387	0.403	0.396	0.407	0.422	0.357	0.396	5.15
44)	S	2-Fluorobiphenyl	1.242	1.304	1.271	1.201	1.175	1.146	1.282	1.231	4.78
45)		1,1'-Biphenyl	1.482	1.518	1.496	1.449	1.449	1.441	1.509	1.478	2.14
46)		2-Chloronaphth...	1.197	1.199	1.215	1.181	1.175	1.192	1.168	1.190	1.35
47)		2-Nitroaniline	0.363	0.331	0.342	0.361	0.370	0.385	0.336	0.356	5.52
48)		Acenaphthylene	2.152	2.198	2.172	2.085	2.072	2.045	2.155	2.126	2.72
49)		Dimethylphthalate	1.544	1.576	1.549	1.495	1.488	1.480	1.576	1.530	2.72
50)		2,6-Dinitrotol...	0.330	0.291	0.308	0.336	0.339	0.353	0.249	0.315	11.32
51)	C	Acenaphthene	1.296	1.307	1.289	1.278	1.265	1.269	1.274	1.283	1.18
52)		3-Nitroaniline	0.389	0.343	0.361	0.383	0.390	0.408	0.305	0.369	9.56
53)	P	2,4-Dinitrophenol	0.131	0.093	0.113	0.136	0.146	0.158		0.130	18.00
54)		Dibenzofuran	1.833	1.874	1.813	1.779	1.764	1.755	1.825	1.806	2.35
55)	P	4-Nitrophenol	0.312	0.266	0.289	0.307	0.313	0.331	0.219	0.291	12.97
56)		2,4-Dinitrotol...	0.443	0.343	0.396	0.437	0.462	0.475	0.291	0.407	16.66
57)		Fluorene	1.654	1.692	1.629	1.598	1.603	1.579	1.673	1.633	2.57
58)		2,3,4,6-Tetrac...	0.341	0.316	0.310	0.339	0.347	0.355	0.291	0.328	6.99
59)		Diethylphthalate	1.666	1.741	1.673	1.603	1.597	1.589	1.748	1.660	4.03
60)		4-Chlorophenyl...	0.754	0.747	0.743	0.743	0.749	0.775	0.735	0.749	1.71
61)		4-Nitroaniline	0.437	0.386	0.407	0.432	0.442	0.456	0.304	0.409	12.66
62)		Azobenzene	1.748	1.819	1.742	1.693	1.679	1.661	1.830	1.739	3.83
63)	I	Phenanthrene-d10	-----ISTD-----								
64)		4,6-Dinitro-2-...	0.101	0.071	0.087	0.103	0.111	0.121		0.099	18.03
65)	c	n-Nitrosodiphe...	0.652	0.642	0.639	0.631	0.647	0.638	0.624	0.639	1.49
66)		4-Bromophenyl-...	0.212	0.197	0.206	0.207	0.213	0.216	0.196	0.207	3.74
67)		Hexachlorobenzene	0.227	0.215	0.220	0.219	0.228	0.233	0.224	0.224	2.72
68)		Atrazine	0.240	0.244	0.243	0.230	0.228	0.200	0.247	0.233	6.96
69)	C	Pentachlorophenol	0.120	0.100	0.108	0.120	0.126	0.127	0.083	0.112	14.31
70)		Phenanthrene	1.148	1.176	1.164	1.096	1.091	1.050	1.172	1.128	4.35
71)		Anthracene	1.158	1.161	1.161	1.104	1.093	1.048	1.160	1.127	4.02
72)		Carbazole	1.120	1.161	1.142	1.085	1.063	1.011	1.147	1.104	4.87
73)		Di-n-butylphth...	1.399	1.511	1.450	1.314	1.280	1.177	1.517	1.378	9.20
74)	C	Fluoranthene	1.303	1.383	1.354	1.231	1.201	1.123	1.419	1.288	8.31
75)	I	Chrysene-d12	-----ISTD-----								
76)		Benzidine	0.703	0.722	0.743	0.662	0.637	0.584	0.618	0.667	8.73
77)		Pyrene	1.284	1.362	1.313	1.221	1.197	1.132	1.401	1.273	7.49
78)	S	Terphenyl-d14	0.888	0.982	0.929	0.838	0.803	0.733	0.989	0.880	10.81
79)		Butylbenzylphth...	0.612	0.610	0.611	0.581	0.592	0.590	0.619	0.602	2.37
80)		Benzo(a)anthra...	1.165	1.219	1.185	1.106	1.102	1.049	1.234	1.151	5.89
81)		3,3'-Dichlorob...	0.443	0.429	0.436	0.423	0.431	0.433	0.411	0.429	2.36
82)		Chrysene	1.058	1.110	1.088	1.015	1.013	0.978	1.134	1.057	5.41

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83)	Bis(2-ethylhex...	0.845	0.862	0.858	0.802	0.802	0.783	0.903	0.836	5.08
84) c	Di-n-octyl pht...	1.398	1.475	1.430	1.311	1.286	1.232	1.478	1.373	7.07
85)	Indeno(1,2,3-c...	1.291	1.257	1.264	1.244	1.281	1.317	1.218	1.267	2.56
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.254	1.191	1.242	1.167	1.172	1.220	1.183	1.204	2.88
88)	Benzo(k)fluora...	1.176	1.213	1.142	1.152	1.125	1.076	1.172	1.151	3.76
89) C	Benzo(a)pyrene	1.139	1.115	1.107	1.090	1.090	1.097	1.105	1.106	1.55
90)	Dibenzo(a,h)an...	1.147	1.111	1.110	1.107	1.121	1.148	1.093	1.120	1.86
91)	Benzo(g,h,i)pe...	1.108	1.082	1.084	1.064	1.074	1.103	1.081	1.085	1.40

(#) = Out of Range