

Method Path : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG030520.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Mar 05 17:42:35 2020
 Response Via : Initial Calibration

Calibration Files

10 =BG044681.D 20 =BG044682.D 40 =BG044683.D 50 =BG044684.D 60 =BG044685.D 80 =BG044686.D 100 =BG044687.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.722	0.662	0.606	0.663	0.633	0.612	0.571	0.638	7.72
3)	Pyridine	2.118	1.961	1.912	2.094	2.020	1.951	1.798	1.979	5.55
4)	n-Nitrosodimet...	0.972	0.840	0.807	0.852	0.835	0.806	0.748	0.837	8.21
5) S	2-Fluorophenol	1.519	1.338	1.289	1.370	1.357	1.272	1.177	1.332	7.90
6)	Aniline	2.881	2.507	2.403	2.609	2.563	2.472	2.216	2.522	8.07
7) S	Phenol-d6	2.284	2.024	1.924	2.110	2.049	1.932	1.767	2.013	8.10
8)	2-Chlorophenol	1.535	1.363	1.279	1.390	1.372	1.310	1.200	1.350	7.74
9)	Benzaldehyde	1.782	1.445	1.178	1.190	1.061	0.858	0.756	1.181	29.55
10) C	Phenol	2.229	1.952	1.904	2.054	2.049	1.937	1.757	1.983	7.43
11)	bis(2-Chloroet...	1.726	1.568	1.451	1.555	1.535	1.481	1.350	1.524	7.65
12)	1,3-Dichlorobe...	1.872	1.576	1.543	1.640	1.626	1.542	1.437	1.605	8.44
13) C	1,4-Dichlorobe...	1.832	1.608	1.517	1.662	1.609	1.554	1.443	1.604	7.69
14)	1,2-Dichlorobe...	1.767	1.531	1.442	1.551	1.520	1.465	1.335	1.516	8.75
15)	Benzyl Alcohol	1.952	1.709	1.671	1.825	1.776	1.689	1.535	1.737	7.57
16)	2,2'-oxybis(1-...	3.465	2.904	2.773	2.948	2.868	2.700	2.493	2.879	10.43
17)	2-Methylphenol	1.603	1.332	1.279	1.395	1.388	1.316	1.197	1.359	9.34
18)	Hexachloroethane	0.730	0.648	0.615	0.662	0.650	0.619	0.578	0.643	7.39
19) P	n-Nitroso-di-n...	1.770	1.499	1.419	1.585	1.514	1.429	1.312	1.504	9.68
20)	3+4-Methylphenols	2.114	1.880	1.827	1.946	1.926	1.853	1.703	1.893	6.63
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.627	0.594	0.541	0.597	0.581	0.580	0.568	0.584	4.53
23) S	Nitrobenzene-d5	0.396	0.400	0.407	0.471	0.466	0.466	0.470	0.439	8.20
24)	Nitrobenzene	0.431	0.430	0.433	0.495	0.484	0.495	0.492	0.466	6.96
25)	Isophorone	1.082	0.982	0.906	0.981	0.958	0.947	0.925	0.969	5.90
26) C	2-Nitrophenol	0.128	0.121	0.136	0.166	0.169	0.173	0.174	0.152	15.13
27)	2,4-Dimethylph...	0.333	0.296	0.281	0.306	0.307	0.301	0.303	0.304	5.10
28)	bis(2-Chloroet...	0.600	0.556	0.508	0.561	0.544	0.528	0.520	0.545	5.63
29) C	2,4-Dichloroph...	0.349	0.330	0.325	0.362	0.357	0.349	0.349	0.346	3.84
30)	1,2,4-Trichlor...	0.424	0.399	0.377	0.412	0.404	0.398	0.397	0.402	3.61
31)	Naphthalene	1.223	1.122	1.038	1.143	1.143	1.103	1.086	1.122	5.11
32)	Benzoic acid	0.117	0.170	0.204	0.237	0.252	0.249	0.263	0.213	25.02
33)	4-Chloroaniline	0.572	0.510	0.473	0.531	0.516	0.514	0.503	0.517	5.84
34) C	Hexachlorobuta...	0.294	0.269	0.257	0.280	0.276	0.272	0.274	0.274	4.06
35)	Caprolactam	0.161	0.151	0.131	0.146	0.143	0.139	0.140	0.144	6.74
36) C	4-Chloro-3-met...	0.470	0.437	0.408	0.448	0.435	0.436	0.430	0.438	4.29
37)	2-Methylnaphth...	0.932	0.841	0.795	0.859	0.849	0.832	0.822	0.847	5.04
38)	1-Methylnaphth...	0.888	0.812	0.741	0.807	0.795	0.792	0.769	0.801	5.69

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.675	0.636	0.607	0.672	0.676	0.646	0.633	0.649	4.06	
41) P	Hexachlorocycl...	0.364	0.360	0.355	0.396	0.406	0.390	0.386	0.380	5.24	
42) S	2,4,6-Tribromo...	0.261	0.261	0.260	0.285	0.293	0.285	0.278	0.275	5.01	
43) C	2,4,6-Trichlor...	0.443	0.436	0.429	0.476	0.476	0.453	0.436	0.450	4.26	
44)	2,4,5-Trichlor...	0.472	0.438	0.440	0.480	0.487	0.464	0.451	0.462	4.19	
45) S	2-Fluorobiphenyl	1.634	1.482	1.369	1.465	1.459	1.359	1.281	1.436	7.90	
46)	1,1'-Biphenyl	1.740	1.564	1.515	1.648	1.635	1.552	1.482	1.591	5.59	
47)	2-Chloronaphth...	1.295	1.184	1.150	1.253	1.253	1.197	1.162	1.213	4.47	
48)	2-Nitroaniline	0.293	0.331	0.375	0.455	0.473	0.472	0.465	0.409	18.41	
49)	Acenaphthylene	2.095	1.974	1.836	1.996	2.000	1.897	1.810	1.944	5.21	
50)	Dimethylphthalate	1.845	1.701	1.569	1.693	1.690	1.602	1.539	1.663	6.22	
51)	2,6-Dinitrotol...	0.237	0.253	0.278	0.319	0.335	0.335	0.335	0.299	14.10	
52) C	Acenaphthene	1.296	1.225	1.173	1.289	1.315	1.271	1.230	1.257	3.98	
53)	3-Nitroaniline	0.289	0.307	0.322	0.367	0.384	0.377	0.365	0.344	10.97	
54) P	2,4-Dinitrophenol	0.096	0.117	0.126	0.145	0.159	0.162	0.165	0.139	18.88	
55)	Dibenzofuran	2.092	1.889	1.783	1.925	1.943	1.815	1.737	1.883	6.32	
56) P	4-Nitrophenol	0.228	0.234	0.242	0.285	0.292	0.298	0.296	0.268	11.82	
57)	2,4-Dinitrotol...	0.297	0.327	0.366	0.433	0.453	0.460	0.459	0.399	17.12	
58)	Fluorene	1.756	1.575	1.468	1.583	1.579	1.504	1.440	1.558	6.71	
59)	2,3,4,6-Tetrac...	0.420	0.416	0.417	0.470	0.466	0.448	0.439	0.439	5.19	
60)	Diethylphthalate	2.002	1.794	1.672	1.809	1.783	1.735	1.649	1.778	6.53	
61)	4-Chlorophenyl...	0.929	0.833	0.788	0.870	0.869	0.830	0.798	0.845	5.72	
62)	4-Nitroaniline	0.355	0.351	0.354	0.397	0.404	0.403	0.390	0.379	6.53	
63)	Azobenzene	2.107	1.897	1.733	1.903	1.889	1.788	1.705	1.860	7.29	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.064	0.065	0.073	0.084	0.091	0.096	0.099	0.082	17.84	
66) c	n-Nitrosodipe...	0.678	0.612	0.576	0.634	0.607	0.593	0.580	0.611	5.75	
67)	4-Bromophenyl-...	0.272	0.249	0.242	0.255	0.254	0.248	0.245	0.252	3.82	
68)	Hexachlorobenzene	0.294	0.268	0.261	0.274	0.274	0.268	0.269	0.272	3.79	
69)	Atrazine	0.283	0.245	0.230	0.245	0.232	0.215	0.204	0.236	10.76	
70) C	Pentachlorophenol	0.141	0.144	0.149	0.163	0.167	0.159	0.159	0.155	6.43	
71)	Phenanthrene	1.248	1.126	1.048	1.120	1.086	1.044	1.004	1.097	7.27	
72)	Anthracene	1.237	1.114	1.040	1.105	1.065	1.025	0.976	1.080	7.74	
73)	Carbazole	1.232	1.058	0.979	1.058	1.012	0.972	0.929	1.034	9.56	
74)	Di-n-butylphth...	1.535	1.381	1.253	1.356	1.258	1.198	1.139	1.303	10.15	
75) C	Fluoranthene	1.584	1.377	1.275	1.362	1.288	1.227	1.165	1.325	10.24	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.926	0.818	0.803	0.821	0.723	0.699		0.798	10.15	
78)	Pyrene	1.667	1.569	1.480	1.563	1.548	1.477	1.374	1.525	6.04	
79) S	Terphenyl-d14	1.315	1.214	1.103	1.144	1.103	1.026	0.938	1.120	10.93	
80)	Butylbenzylphth...	0.671	0.666	0.656	0.717	0.704	0.689	0.664	0.681	3.36	
81)	Benzo(a)anthra...	1.668	1.527	1.436	1.544	1.489	1.449	1.386	1.500	6.14	
82)	3,3'-Dichlorob...	0.629	0.602	0.582	0.624	0.616	0.583	0.543	0.597	5.08	
83)	Chrysene	1.586	1.421	1.378	1.464	1.439	1.376	1.329	1.428	5.83	
84)	Bis(2-ethylhex...	1.009	0.963	0.921	0.976	0.958	0.927	0.892	0.950	4.08	
85) c	Di-n-octyl pht...	1.721	1.640	1.567	1.712	1.658	1.595	1.522	1.631	4.54	
86)	Indeno(1,2,3-c...	1.947	1.824	1.784	1.944	1.919	1.889	1.890	1.885	3.25	

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87) I	Perylene-d12									
88)	Benzo(b)fluora...	1.470	1.356	1.259	1.419	1.382	1.331	1.311	1.361	5.14
89)	Benzo(k)fluora...	1.379	1.271	1.231	1.310	1.288	1.258	1.195	1.276	4.62
90) C	Benzo(a)pyrene	1.364	1.252	1.191	1.312	1.287	1.249	1.220	1.268	4.59
91)	Dibenzo(a,h)an...	1.356	1.241	1.194	1.305	1.276	1.248	1.228	1.264	4.25
92)	Benzo(g,h,i)pe...	1.332	1.251	1.184	1.307	1.284	1.261	1.245	1.266	3.78

(#) = Out of Range