

Method Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF040618.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Apr 06 16:44:53 2018
 Response Via : Initial Calibration

Calibration Files

2.5 =BF104298.D 10 =BF104299.D 25 =BF104300.D 40 =BF104301.D 50 =BF104302.D 60 =BF104303.D 80 =BF104304.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.640	0.610	0.597	0.619	0.610	0.596	0.594	0.609	2.67
3)	Pyridine	1.789	1.772	1.644	1.726	1.706	1.700	1.659	1.714	3.13
4)	n-Nitrosodimet...	0.653	0.587	0.575	0.607	0.593	0.594	0.585	0.599	4.26
5) S	2-Fluorophenol	1.514	1.418	1.292	1.294	1.240	1.223	1.174	1.308	9.08
6)	Aniline	2.376	2.367	2.212	2.250	2.192	2.157	2.076	2.233	4.88
7) S	Phenol-d6	1.824	1.759	1.601	1.585	1.536	1.511	1.434	1.607	8.61
8)	2-Chlorophenol	1.542	1.482	1.402	1.384	1.335	1.295	1.225	1.381	7.84
9)	Benzaldehyde	1.067	0.929	0.835	0.747	0.665	0.568	0.802	22.58	
10) C	Phenol	1.835	1.816	1.700	1.675	1.638	1.615	1.657	1.705	5.09
11)	bis(2-Chloroet...	1.491	1.461	1.359	1.366	1.309	1.298	1.241	1.361	6.58
12)	1,3-Dichlorobe...	1.773	1.686	1.563	1.555	1.503	1.466	1.402	1.564	8.19
13) C	1,4-Dichlorobe...	1.733	1.699	1.565	1.558	1.505	1.465	1.389	1.559	7.87
14)	1,2-Dichlorobe...	1.639	1.620	1.464	1.456	1.361	1.331	1.242	1.445	10.19
15)	Benzyl Alcohol	1.386	1.337	1.238	1.211	1.168	1.147	1.057	1.221	9.24
16)	2,2'-oxybis(1-...	2.016	1.950	1.813	1.828	1.768	1.742	1.673	1.827	6.53
17)	2-Methylphenol	1.283	1.280	1.195	1.201	1.168	1.157	1.117	1.200	5.19
18)	Hexachloroethane	0.603	0.584	0.555	0.553	0.548	0.537	0.510	0.556	5.43
19) P	n-Nitroso-di-n...	1.285	1.123	1.015	1.004	0.989	0.985	0.950	1.050	11.11
20)	3+4-Methylphenols	1.780	1.708	1.527	1.476	1.373	1.324	1.230	1.488	13.50
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.586	0.560	0.505	0.486	0.455	0.441	0.414	0.492	12.73
23) S	Nitrobenzene-d5	0.287	0.308	0.300	0.314	0.314	0.312	0.309	0.306	3.12
24)	Nitrobenzene	0.320	0.343	0.339	0.352	0.341	0.342	0.331	0.338	3.00
25)	Isophorone	0.716	0.683	0.635	0.643	0.624	0.620	0.613	0.648	5.85
26) C	2-Nitrophenol	0.105	0.127	0.130	0.145	0.151	0.152	0.153	0.138	12.94
27)	2,4-Dimethylph...	0.324	0.290	0.276	0.289	0.280	0.274	0.268	0.286	6.54
28)	bis(2-Chloroet...	0.443	0.428	0.398	0.392	0.378	0.373	0.360	0.396	7.57
29) C	2,4-Dichloroph...	0.292	0.292	0.275	0.275	0.266	0.260	0.249	0.273	5.82
30)	1,2,4-Trichlor...	0.342	0.324	0.305	0.298	0.286	0.278	0.264	0.299	9.03
31)	Naphthalene	1.145	1.102	1.022	0.991	0.940	0.908	0.863	0.996	10.26
32)	Benzoic acid	0.183	0.204	0.243	0.253	0.223	0.262	0.228	13.25	
33)	4-Chloroaniline	0.486	0.464	0.439	0.423	0.403	0.391	0.380	0.427	9.14
34) C	Hexachlorobuta...	0.185	0.176	0.170	0.163	0.157	0.153	0.145	0.164	8.40
35)	Caprolactam	0.106	0.096	0.096	0.097	0.091	0.091	0.089	0.095	5.90
36) C	4-Chloro-3-met...	0.316	0.306	0.297	0.293	0.282	0.282	0.272	0.292	5.22
37)	2-Methylnaphth...	0.756	0.717	0.663	0.636	0.602	0.586	0.549	0.644	11.40

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38) I	Acenaphthene-d10	-----ISTD-----									
39)	1,2,4,5-Tetrac...	0.666	0.637	0.590	0.559	0.543	0.513	0.500	0.573	10.80	
40) P	Hexachlorocycl...	0.319	0.326	0.314	0.326	0.324	0.316	0.319	0.321	1.44	
41) S	2,4,6-Tribromo...	0.221	0.227	0.214	0.207	0.199	0.194	0.190	0.207	6.60	
42) C	2,4,6-Trichlor...	0.425	0.425	0.396	0.405	0.388	0.374	0.368	0.397	5.70	
43)	2,4,5-Trichlor...	0.474	0.475	0.458	0.442	0.433	0.417	0.415	0.445	5.67	
44) S	2-Fluorobiphenyl	1.539	1.318	1.239	1.148	1.086		1.266		13.92	
45)	1,1'-Biphenyl	2.020	1.913	1.720	1.647	1.562	1.494	1.404	1.680	13.25	
46)	2-Chloronaphth...	1.554	1.466	1.356	1.303	1.252	1.204	1.155	1.327	10.78	
47)	2-Nitroaniline	0.249	0.293	0.317	0.350	0.359	0.360	0.368	0.328	13.46	
48)	Acenaphthylene	2.430	2.352	2.149	2.068	1.940	1.873	1.763	2.082	11.83	
49)	Dimethylphthalate	1.808	1.752	1.594	1.542	1.461	1.458	1.426	1.577	9.53	
50)	2,6-Dinitrotol...	0.215	0.271	0.301	0.314	0.315	0.315	0.311	0.292	12.81	
51) C	Acenaphthene	1.487	1.401	1.293	1.246	1.194	1.159	1.113	1.270	10.57	
52)	3-Nitroaniline	0.256	0.333	0.350	0.365	0.364	0.359	0.364	0.342	11.58	
53) P	2,4-Dinitrophenol		0.052	0.066	0.087	0.099	0.109	0.120	0.089	29.15	
54)	Dibenzofuran	2.061	1.987	1.834	1.756	1.667	1.587	1.501	1.770	11.58	
55) P	4-Nitrophenol	0.191	0.256	0.273	0.289	0.284	0.295	0.291	0.268	13.64	
56)	2,4-Dinitrotol...		0.321	0.370	0.399	0.405	0.403	0.399	0.383	8.56	
57)	Fluorene		1.602	1.387	1.284	1.211	1.155	1.093	1.289	14.31	
58)	2,3,4,6-Tetrac...	0.354	0.357	0.341	0.329	0.323	0.318	0.300	0.332	6.13	
59)	Diethylphthalate	1.834	1.749	1.601	1.536	1.470	1.430	1.376	1.571	10.75	
60)	4-Chlorophenyl...		0.710	0.620	0.574	0.536	0.519	0.484	0.574	14.23	
61)	4-Nitroaniline	0.244	0.316	0.347	0.364	0.356	0.355	0.356	0.334	12.70	
62)	Azobenzene	1.737	1.646	1.541	1.482	1.411	1.362	1.325	1.501	10.06	
63) I	Phenanthrene-d10	-----ISTD-----									
64)	4,6-Dinitro-2-...		0.054	0.071	0.092	0.099	0.102	0.105	0.087	23.51	
65) c	n-Nitrosodiphe...	0.810	0.770	0.709	0.681	0.658	0.632	0.594	0.693	10.95	
66)	4-Bromophenyl-...	0.239	0.234	0.215	0.209	0.206	0.200	0.187	0.213	8.62	
67)	Hexachlorobenzene	0.278	0.261	0.243	0.234	0.230	0.217	0.212	0.239	9.83	
68)	Atrazine	0.250	0.243	0.221	0.205	0.197	0.184	0.166	0.209	14.52	
69) C	Pentachlorophenol	0.137	0.150	0.153	0.155	0.154	0.149	0.139	0.148	4.96	
70)	Phenanthrene	1.355	1.246	1.148	1.089	1.045	0.988	0.925	1.114	13.40	
71)	Anthracene	1.364	1.288	1.159	1.103	1.057	1.021	0.934	1.132	13.35	
72)	Carbazole	1.334	1.238	1.136	1.071	1.035	1.002	0.927	1.106	12.77	
73)	Di-n-butylphth...	1.637	1.560	1.399	1.321	1.233	1.185	1.126	1.351	14.20	
74) C	Fluoranthene	1.407	1.336	1.196	1.140	1.082	1.032	0.952	1.164	13.99	
75) I	Chrysene-d12	-----ISTD-----									
76)	Benzidine		0.955	0.766	0.686	0.654	0.565	0.526	0.692	22.38	
77)	Pyrene	1.654	1.603	1.482	1.460	1.421	1.376	1.382	1.482	7.27	
78) S	Terphenyl-d14	1.084	1.008	0.872	0.841	0.809	0.769	0.757	0.877	14.12	
79)	Butylbenzylphth...	0.737	0.731	0.690	0.698	0.684	0.671	0.677	0.698	3.71	
80)	Benzo(a)anthra...	1.424	1.333	1.190	1.159	1.116	1.097	1.044	1.195	11.41	
81)	3,3'-Dichlorob...	0.498	0.485	0.460	0.456	0.430	0.409	0.380	0.445	9.38	
82)	Chrysene	1.392	1.341	1.238	1.217	1.176	1.124	1.103	1.227	8.73	

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83)	Bis(2-ethylhex...	1.048	1.026	0.912	0.883	0.831	0.803	0.786	0.898	11.60
84) c	Di-n-octyl pht...	1.582	1.581	1.521	1.532	1.479	1.431	1.381	1.501	5.00
85)	Indeno(1,2,3-c...	1.246	1.111	1.074	1.000	1.075	0.891	0.900	1.043	11.96
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.272	1.324	1.215	1.263	1.289	1.234	1.245	1.263	2.89
88)	Benzo(k)fluora...	1.336	1.286	1.250	1.171	1.070	1.136	1.100	1.193	8.38
89) C	Benzo(a)pyrene	1.205	1.189	1.137	1.126	1.108	1.080	1.067	1.130	4.60
90)	Dibenzo(a,h)an...	1.039	0.991	0.954	0.894	0.914	0.835	0.870	0.928	7.65
91)	Benzo(g,h,i)pe...	1.046	0.936	0.907	0.841	0.873	0.807	0.887	0.899	8.58

(#) = Out of Range