

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF040820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Dec 03 04:47:00 2018
 Response Via : Initial Calibration

Calibration Files

10 =BF119833.D 20 =BF119834.D 40 =BF119835.D 50 =BF119836.D 60 =BF119837.D 80 =BF119838.D 100 =BF119839.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.586	0.553	0.522	0.545	0.501	0.446	0.456	0.515	9.98
3)	Pyridine	1.685	1.464	1.373	1.540	1.423	1.163	1.252	1.414	12.35
4)	n-Nitrosodimet...	0.878	0.740	0.704	0.770	0.709	0.612	0.645	0.723	12.03
5) S	2-Fluorophenol	1.459	1.287	1.128	1.165	1.081	0.980	1.001	1.157	14.55
6)	Aniline	2.515	2.181	1.934	1.948	1.756	1.773	1.594	1.957	15.73
7) S	Phenol-d6	1.947	1.627	1.502	1.476	1.350	1.325	1.213	1.491	16.23
8)	2-Chlorophenol	1.721	1.402	1.283	1.262	1.160	1.138	1.085	1.293	16.73
9)	Benzaldehyde	1.267	1.004	0.804	0.731	0.631	0.505		0.824	33.34
10) C	Phenol	2.228	1.843	1.677	1.658	1.537	1.512	1.387	1.692	16.39
11)	bis(2-Chloroet...	1.631	1.412	1.288	1.291	1.261	1.189	1.072	1.306	13.54
12)	1,3-Dichlorobe...	1.820	1.546	1.395	1.389	1.408	1.151	1.201	1.416	15.75
13) C	1,4-Dichlorobe...	1.829	1.579	1.400	1.396	1.417	1.288	1.186	1.442	14.51
14)	1,2-Dichlorobe...	1.761	1.455	1.329	1.299	1.222	1.174	1.064	1.329	17.07
15)	Benzyl Alcohol	1.512	1.276	1.150	1.126	1.085	1.018	0.940	1.158	16.25
16)	2,2'-oxybis(1-...	3.409	2.716	2.553	2.524	2.312	2.235	2.044	2.542	17.43
17)	2-Methylphenol	1.474	1.208	1.151	1.130	1.053	1.067	0.994	1.154	13.68
18)	Hexachloroethane	0.724	0.576	0.536	0.525	0.494	0.466	0.452	0.539	17.03
19) P	n-Nitroso-di-n...	1.216	1.043	0.981	0.937	0.883	0.832	0.821	0.959	14.46
20)	3+4-Methylphenols	1.930	1.582	1.460	1.368	1.275	1.149	1.116	1.411	19.99
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.589	0.494	0.469	0.470	0.442	0.391	0.422	0.468	13.55
23) S	Nitrobenzene-d5	0.464	0.419	0.376	0.391	0.369	0.334	0.353	0.387	11.27
24)	Nitrobenzene	0.469	0.426	0.379	0.392	0.372	0.331	0.353	0.389	11.94
25)	Isophorone	0.884	0.745	0.764	0.753	0.698	0.678	0.694	0.745	9.34
26) C	2-Nitrophenol	0.221	0.199	0.207	0.200	0.185	0.169	0.180	0.194	8.96
27)	2,4-Dimethylph...	0.358	0.299	0.299	0.297	0.281	0.245	0.272	0.293	11.84
28)	bis(2-Chloroet...	0.541	0.460	0.430	0.439	0.421	0.371	0.408	0.439	12.07
29) C	2,4-Dichloroph...	0.361	0.312	0.292	0.302	0.279	0.289	0.267	0.300	10.14
30)	1,2,4-Trichlor...	0.408	0.356	0.328	0.339	0.338	0.314	0.300	0.340	10.32
31)	Naphthalene	1.328	1.105	1.013	1.027	1.023	0.947	0.923	1.052	12.86
32)	Benzoic acid	0.284	0.255	0.249	0.259	0.251	0.251	0.252	0.257	4.66
33)	4-Chloroaniline	0.561	0.481	0.434	0.444	0.447	0.435	0.406	0.458	11.01
34) C	Hexachlorobuta...	0.239	0.215	0.199	0.205	0.202	0.187	0.180	0.204	9.48
35)	Caprolactam	0.098	0.095	0.087	0.091	0.083	0.096	0.093	0.092	5.83
36) C	4-Chloro-3-met...	0.371	0.351	0.314	0.326	0.305	0.306	0.304	0.325	8.03
37)	2-Methylnaphth...	0.882	0.770	0.682	0.718	0.654	0.649	0.638	0.713	12.26
38)	1-Methylnaphth...	0.818	0.713	0.690	0.666	0.621	0.606	0.594	0.672	11.61

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.787	0.647	0.660	0.626	0.631	0.580	0.492	0.632	14.10	
41) P	Hexachlorocycl...	0.372	0.352	0.373	0.367	0.376	0.363	0.311	0.359	6.34	
42) S	2,4,6-Tribromo...	0.325	0.263	0.253	0.242	0.244	0.201	0.187	0.245	18.32	
43) C	2,4,6-Trichlor...	0.522	0.445	0.433	0.434	0.446	0.422	0.351	0.436	11.53	
44)	2,4,5-Trichlor...	0.575	0.502	0.516	0.485	0.503	0.478	0.380	0.491	11.87	
45) S	2-Fluorobiphenyl	1.837	1.533	1.457	1.376	1.400	1.233	1.024	1.409	17.88	
46)	1,1'-Biphenyl	2.089	1.789	1.727	1.655	1.701	1.555	1.300	1.688	14.15	
47)	2-Chloronaphth...	1.633	1.388	1.295	1.268	1.288	1.202	1.029	1.300	14.14	
48)	2-Nitroaniline	0.573	0.503	0.459	0.460	0.468	0.458	0.378	0.471	12.46	
49)	Acenaphthylene	2.513	2.199	1.966	1.952	1.940	1.807	1.467	1.978	16.36	
50)	Dimethylphthalate	1.916	1.627	1.518	1.506	1.542	1.473	1.247	1.547	12.95	
51)	2,6-Dinitrotol...	0.411	0.354	0.333	0.331	0.341	0.324	0.277	0.339	11.75	
52) C	Acenaphthene	1.620	1.405	1.276	1.290	1.336	1.205	1.102	1.319	12.41	
53)	3-Nitroaniline	0.473	0.397	0.367	0.378	0.391	0.363	0.340	0.387	11.01	
54) P	2,4-Dinitrophenol	0.194	0.195	0.200	0.211	0.218	0.205	0.197	0.203	4.38	
55)	Dibenzofuran	2.350	2.143	1.778	1.770	1.780	1.469	1.382	1.810	18.95	
56) P	4-Nitrophenol	0.343	0.296	0.281	0.284	0.294	0.265	0.251	0.288	10.06	
57)	2,4-Dinitrotol...	0.553	0.518	0.437	0.437	0.439	0.383	0.359	0.446	15.41	
58)	Fluorene	1.871	1.620	1.368	1.315	1.378	1.134		1.448	17.89	
59)	2,3,4,6-Tetrac...	0.456	0.433	0.370	0.369	0.373	0.317	0.311	0.376	14.33	
60)	Diethylphthalate	2.064	1.805	1.551	1.579	1.598	1.360	1.266	1.603	16.68	
61)	4-Chlorophenyl...	0.970	0.831	0.709	0.671	0.706	0.564		0.742	18.97	
62)	4-Nitroaniline	0.470	0.418	0.364	0.353	0.377	0.311	0.287	0.369	16.82	
63)	Azobenzene	1.831	1.546	1.423	1.427	1.489	1.237	1.105	1.437	16.08	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.147	0.129	0.134	0.125	0.139	0.125	0.124	0.132	6.44	
66) c	n-Nitrosodiphe...	0.815	0.653	0.656	0.694	0.673	0.592	0.572	0.665	11.92	
67)	4-Bromophenyl-...	0.302	0.254	0.252	0.246	0.246	0.229	0.211	0.249	11.29	
68)	Hexachlorobenzene	0.309	0.256	0.254	0.249	0.252	0.228	0.218	0.252	11.43	
69)	Atrazine	0.250	0.191	0.194	0.186	0.182	0.156	0.136	0.185	19.17	
70) C	Pentachlorophenol	0.163	0.152	0.151	0.145	0.147	0.134	0.127	0.145	8.23	
71)	Phenanthrene	1.354	1.122	1.052	1.017	1.051	0.990	0.865	1.064	14.10	
72)	Anthracene	1.373	1.148	1.089	1.101	1.051	0.992	0.859	1.087	14.45	
73)	Carbazole	1.316	1.031	1.028	1.036	1.030	0.909	0.849	1.028	14.27	
74)	Di-n-butylphth...	1.787	1.373	1.381	1.329	1.346	1.148	1.099	1.352	16.44	
75) C	Fluoranthene	1.524	1.238	1.113	1.078	1.117	1.016	0.953	1.148	16.37	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.814	0.733	0.649	0.563	0.515	0.783		0.676	17.89	
78)	Pyrene	1.976	1.668	1.824	1.562	1.643	1.590	1.539	1.686	9.41	
79) S	Terphenyl-d14	1.482	1.279	1.293	1.097	1.126	1.066	0.977	1.189	14.46	
80)	Butylbenzylpht...	0.926	0.845	0.857	0.761	0.824	0.790	0.723	0.818	8.19	
81)	Benzo(a)anthra...	1.641	1.399	1.293	1.259	1.292	1.209	1.116	1.316	12.73	
82)	3,3'-Dichlorob...	0.638	0.542	0.492	0.468	0.468	0.437	0.390	0.491	16.31	
83)	Chrysene	1.635	1.410	1.303	1.302	1.309	1.259	1.140	1.337	11.51	
84)	Bis(2-ethylhex...	1.327	1.139	1.098	1.083	1.103	1.056	0.950	1.108	10.25	
85) c	Di-n-octyl pht...	2.377	2.072	1.872	1.909	1.685	1.752	1.538	1.886	14.62	
86)	Indeno(1,2,3-c...	1.492	1.234	1.260	1.122	1.027	1.115	0.999	1.178	14.29	

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87) I	Perylene-d12									
88)	Benzo(b)fluora...	1.721	1.506	1.339	1.415	1.261	1.460	1.370	1.439	10.30
89)	Benzo(k)fluora...	1.520	1.289	1.410	1.214	1.119	1.145	0.993	1.241	14.53
90) C	Benzo(a)pyrene	1.437	1.280	1.197	1.204	1.094	1.175	1.080	1.210	10.03
91)	Dibenzo(a,h)an...	1.239	1.087	1.181	1.070	0.960	1.025	0.939	1.072	10.25
92)	Benzo(g,h,i)pe...	1.179	0.999	1.114	1.013	1.213	1.036	0.850	1.058	11.65

(#) = Out of Range