

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM082621.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Aug 26 14:24:44 2021
 Response Via : Initial Calibration

Calibration Files

5 =BM031906.D 10 =BM031907.D 20 =BM031908.D 40 =BM031909.D 50 =BM031910.D 60 =BM031911.D 80 =BM031912.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.577	0.593	0.515	0.440	0.445	0.461	0.450	0.497	13.11
3)	Pyridine	1.228	1.515	1.378	1.229	1.270	1.313	1.208	1.306	8.38
4)	n-Nitrosodimet...	0.735	0.780	0.713	0.662	0.680	0.700	0.647	0.702	6.48
5) S	2-Fluorophenol	1.315	1.420	1.281	1.166	1.189	1.217	1.176	1.252	7.40
6)	Aniline	1.989	2.229	1.988	1.787	1.848	1.903	1.687	1.919	9.09
7) S	Phenol-d6	1.814	2.043	1.862	1.687	1.753	1.786	1.623	1.795	7.53
8)	2-Chlorophenol	1.511	1.668	1.512	1.346	1.392	1.408	1.315	1.450	8.40
9)	Benzaldehyde	1.195	1.389	1.194	0.969	0.955	0.905		1.101	17.12
10) C	Phenol	1.810	2.014	1.847	1.671	1.737	1.783	1.607	1.781	7.38
11)	bis(2-Chloroet...	1.440	1.572	1.405	1.275	1.319	1.314	1.191	1.360	9.15
12)	1,3-Dichlorobe...	1.643	1.780	1.604	1.430	1.448	1.468	1.393	1.538	9.19
13) C	1,4-Dichlorobe...	1.695	1.836	1.638	1.463	1.483	1.507	1.428	1.579	9.47
14)	1,2-Dichlorobe...	1.630	1.774	1.570	1.418	1.448	1.477	1.373	1.527	9.18
15)	Benzyl Alcohol	1.302	1.515	1.402	1.291	1.363	1.391	1.212	1.354	7.18
16)	2,2'-oxybis(1-...	2.011	2.209	1.960	1.724	1.778	1.806	1.579	1.867	11.18
17)	2-Methylphenol	1.203	1.402	1.266	1.140	1.177	1.199	1.054	1.206	8.98
18)	Hexachloroethane	0.643	0.702	0.626	0.581	0.584	0.606	0.571	0.616	7.45
19) P	n-Nitroso-di-n...	1.286	1.461	1.341	1.191	1.267	1.294	1.066	1.272	9.63
20)	3+4-Methylphenols	1.646	1.902	1.770	1.571	1.655	1.678	1.437	1.666	8.80
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.547	0.599	0.540	0.505	0.531	0.549	0.532	0.543	5.29
23) S	Nitrobenzene-d5	0.429	0.487	0.443	0.411	0.436	0.448	0.441	0.442	5.21
24)	Nitrobenzene	0.445	0.505	0.451	0.416	0.438	0.451	0.439	0.449	6.11
25)	Isophorone	0.749	0.873	0.789	0.721	0.780	0.803	0.732	0.778	6.63
26) C	2-Nitrophenol	0.168	0.190	0.184	0.179	0.192	0.197	0.192	0.186	5.38
27)	2,4-Dimethylph...	0.282	0.316	0.286	0.265	0.280	0.286	0.274	0.284	5.54
28)	bis(2-Chloroet...	0.409	0.455	0.416	0.375	0.402	0.415	0.393	0.409	6.02
29) C	2,4-Dichloroph...	0.297	0.353	0.322	0.295	0.319	0.331	0.315	0.319	6.17
30)	1,2,4-Trichlor...	0.352	0.391	0.347	0.322	0.336	0.345	0.343	0.348	6.11
31)	Naphthalene	1.123	1.254	1.107	1.013	1.075	1.107	1.073	1.107	6.68
32)	Benzoic acid	0.176	0.217	0.226	0.217	0.255	0.265	0.240	0.228	12.80
33)	4-Chloroaniline	0.436	0.507	0.454	0.414	0.452	0.463	0.426	0.450	6.76
34) C	Hexachlorobuta...	0.216	0.236	0.209	0.194	0.201	0.209	0.210	0.211	6.20
35)	Caprolactam	0.083	0.114	0.106	0.087	0.106	0.111	0.093	0.100	12.09
36) C	4-Chloro-3-met...	0.356	0.422	0.385	0.337	0.375	0.391	0.345	0.373	7.94
37)	2-Methylnaphth...	0.815	0.903	0.805	0.728	0.792	0.817	0.759	0.803	6.85
38)	1-Methylnaphth...	0.792	0.876	0.773	0.691	0.748	0.773	0.710	0.766	7.90

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.573	0.633	0.564	0.548	0.557	0.566	0.601	0.577	5.08
41) P	Hexachlorocycl...	0.232	0.240	0.268	0.272	0.283	0.309	0.268		10.57
42) S	2,4,6-Tribromo...	0.202	0.240	0.219	0.187	0.217	0.231	0.215	0.216	8.20
43) C	2,4,6-Trichlor...	0.370	0.449	0.406	0.392	0.410	0.421	0.427	0.411	6.18
44)	2,4,5-Trichlor...	0.419	0.488	0.441	0.421	0.446	0.457	0.451	0.446	5.22
45) S	2-Fluorobiphenyl	1.484	1.622	1.461	1.389	1.427	1.463	1.506	1.479	4.99
46)	1,1'-Biphenyl	1.574	1.733	1.560	1.471	1.506	1.544	1.575	1.566	5.29
47)	2-Chloronaphth...	1.226	1.381	1.216	1.155	1.193	1.225	1.245	1.234	5.73
48)	2-Nitroaniline	0.324	0.419	0.404	0.373	0.409	0.424	0.409	0.395	8.93
49)	Acenaphthylene	1.911	2.179	1.947	1.800	1.907	1.970	1.939	1.950	5.87
50)	Dimethylphthalate	1.592	1.802	1.566	1.365	1.501	1.541	1.451	1.545	8.84
51)	2,6-Dinitrotol...	0.327	0.392	0.355	0.314	0.346	0.356	0.338	0.347	7.23
52) C	Acenaphthene	1.208	1.343	1.194	1.092	1.157	1.199	1.177	1.196	6.33
53)	3-Nitroaniline	0.290	0.371	0.351	0.308	0.351	0.369	0.347	0.341	9.00
54) P	2,4-Dinitrophenol	0.174	0.186	0.170	0.202	0.220	0.208	0.194		10.27
55)	Dibenzofuran	1.980	2.202	1.951	1.755	1.890	1.949	1.881	1.944	6.98
56) P	4-Nitrophenol	0.199	0.292	0.289	0.243	0.289	0.307	0.292	0.273	13.99
57)	2,4-Dinitrotol...	0.409	0.517	0.485	0.415	0.486	0.510	0.474	0.471	9.07
58)	Fluorene	1.569	1.764	1.576	1.388	1.553	1.623	1.538	1.573	7.11
59)	2,3,4,6-Tetrac...	0.353	0.431	0.388	0.339	0.379	0.391	0.363	0.378	7.99
60)	Diethylphthalate	1.623	1.877	1.661	1.389	1.596	1.658	1.520	1.618	9.21
61)	4-Chlorophenyl...	0.774	0.865	0.766	0.665	0.741	0.770	0.727	0.758	7.96
62)	4-Nitroaniline	0.276	0.368	0.359	0.288	0.342	0.366	0.337	0.334	11.21
63)	Azobenzene	1.757	2.066	1.836	1.563	1.762	1.810	1.698	1.784	8.58
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.099	0.130	0.135	0.130	0.143	0.152	0.145	0.133	12.94
66) c	n-Nitrosodiphe...	0.644	0.733	0.662	0.652	0.665	0.689	0.669	0.673	4.38
67)	4-Bromophenyl-...	0.211	0.231	0.206	0.204	0.211	0.217	0.211	0.213	4.31
68)	Hexachlorobenzene	0.225	0.254	0.224	0.213	0.222	0.230	0.224	0.227	5.63
69)	Atrazine	0.204	0.235	0.219	0.195	0.210	0.215	0.194	0.210	6.80
70) C	Pentachlorophenol	0.118	0.147	0.142	0.137	0.148	0.154	0.149	0.142	8.39
71)	Phenanthrene	1.201	1.340	1.184	1.078	1.152	1.204	1.157	1.188	6.69
72)	Anthracene	1.131	1.300	1.143	1.061	1.142	1.189	1.141	1.158	6.31
73)	Carbazole	1.092	1.256	1.132	0.994	1.082	1.134	1.098	1.113	7.07
74)	Di-n-butylphth...	1.216	1.467	1.373	1.175	1.356	1.434	1.331	1.336	8.01
75) C	Fluoranthene	1.286	1.500	1.323	1.102	1.228	1.321	1.290	1.293	9.23
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.605	0.519	0.445	0.508	0.447	0.456	0.455	0.491	11.99
78)	Pyrene	1.569	1.671	1.549	1.464	1.739	1.686	1.450	1.590	7.06
79) S	Terphenyl-d14	1.212	1.313	1.203	1.121	1.370	1.347	1.142	1.244	8.00
80)	Butylbenzylpht...	0.581	0.703	0.682	0.614	0.733	0.758	0.657	0.676	9.32
81)	Benzo(a)anthra...	1.434	1.587	1.431	1.291	1.408	1.431	1.391	1.425	6.12
82)	3,3'-Dichlorob...	0.363	0.426	0.409	0.377	0.391	0.393	0.404	0.395	5.26
83)	Chrysene	1.418	1.549	1.386	1.259	1.355	1.380	1.368	1.388	6.25
84)	Bis(2-ethylhex...	0.806	1.026	0.996	0.887	1.025	1.088	1.003	0.976	9.85
85) c	Di-n-octyl pht...	1.302	1.679	1.599	1.445	1.506	1.593	1.665	1.541	8.72

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.293	1.425	1.270	1.405	1.395	1.409	1.544	1.391	6.51	
88)	Benzo(b)fluora...	1.462	1.611	1.516	1.302	1.497	1.538	1.433	1.480	6.54	
89)	Benzo(k)fluora...	1.406	1.601	1.410	1.293	1.370	1.492	1.344	1.417	7.21	
90) C	Benzo(a)pyrene	1.279	1.421	1.283	1.200	1.282	1.334	1.288	1.298	5.15	
91)	Dibenzo(a,h)an...	1.151	1.217	1.090	1.220	1.204	1.219	1.345	1.207	6.44	
92)	Benzo(g,h,i)pe...	1.083	1.153	1.019	1.163	1.148	1.140	1.251	1.137	6.33	

(#) = Out of Range