

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM100322.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Oct 04 03:17:03 2022
 Response Via : Initial Calibration

Calibration Files

5 =BM036815.D 10 =BM036816.D 20 =BM036817.D 40 =BM036818.D 50 =BM036819.D 60 =BM036820.D 80 =BM036821.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.558	0.488	0.505	0.475	0.458	0.470	0.444	0.486	7.74
3)	Pyridine	1.554	1.453	1.488	1.511	1.474	1.535	1.477	1.499	2.41
4)	n-Nitrosodimet...	0.720	0.646	0.669	0.654	0.629	0.638	0.598	0.651	5.79
5) S	2-Fluorophenol	1.095	1.058	1.140	1.150	1.126	1.182	1.138	1.127	3.56
6)	Aniline	1.914	1.885	2.058	2.117	2.036	2.070	1.988	2.010	4.22
7) S	Phenol-d6	1.497	1.485	1.595	1.659	1.608	1.651	1.586	1.583	4.32
8)	2-Chlorophenol	1.304	1.284	1.392	1.387	1.344	1.379	1.323	1.345	3.19
9)	Benzaldehyde	1.203	1.121	1.111	1.000	0.938	0.925	0.800	1.014	13.73
10) C	Phenol	1.772	1.716	1.845	1.880	1.820	1.870	1.788	1.813	3.23
11)	bis(2-Chloroet...	1.502	1.458	1.524	1.524	1.455	1.490	1.413	1.481	2.76
12)	1,3-Dichlorobe...	1.526	1.464	1.532	1.493	1.427	1.469	1.401	1.473	3.28
13) C	1,4-Dichlorobe...	1.562	1.506	1.578	1.523	1.463	1.504	1.433	1.510	3.38
14)	1,2-Dichlorobe...	1.513	1.458	1.504	1.459	1.399	1.430	1.360	1.446	3.80
15)	Benzyl Alcohol	1.120	1.168	1.251	1.304	1.265	1.285	1.239	1.233	5.34
16)	2,2'-oxybis(1-...	2.317	2.244	2.266	2.221	2.085	2.076	1.933	2.163	6.28
17)	2-Methylphenol	1.126	1.163	1.213	1.231	1.190	1.211	1.154	1.184	3.18
18)	Hexachloroethane	0.555	0.541	0.570	0.572	0.551	0.566	0.543	0.557	2.31
19) P	n-Nitroso-di-n...	1.172	1.192	1.225	1.272	1.215	1.202	1.139	1.202	3.49
20)	3+4-Methylphenols	1.514	1.563	1.648	1.714	1.654	1.680	1.619	1.627	4.22
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.485	0.485	0.515	0.518	0.497	0.518	0.495	0.502	2.96
23) S	Nitrobenzene-d5	0.333	0.342	0.386	0.395	0.382	0.398	0.382	0.374	6.96
24)	Nitrobenzene	0.365	0.373	0.409	0.415	0.398	0.412	0.396	0.395	4.96
25)	Isophorone	0.604	0.632	0.689	0.740	0.717	0.738	0.719	0.691	7.73
26) C	2-Nitrophenol	0.101	0.111	0.136	0.156	0.159		0.132		19.81
27)	2,4-Dimethylph...	0.224	0.231	0.259	0.271	0.263	0.274	0.268	0.256	7.76
28)	bis(2-Chloroet...	0.405	0.403	0.424	0.435	0.419	0.428	0.414	0.418	2.78
29) C	2,4-Dichloroph...	0.221	0.238	0.271	0.289	0.281	0.297	0.293	0.270	10.81
30)	1,2,4-Trichlor...	0.277	0.270	0.295	0.299	0.290	0.306	0.299	0.291	4.45
31)	Naphthalene	1.089	1.047	1.107	1.102	1.061	1.100	1.057	1.080	2.30
32)	Benzoic acid		0.121	0.159	0.208	0.215	0.231	0.237	0.195	23.33
33)	4-Chloroaniline	0.405	0.412	0.436	0.453	0.438	0.453	0.445	0.434	4.38
34) C	Hexachlorobuta...	0.154	0.148	0.159	0.162	0.159	0.167	0.165	0.159	4.17
35)	Caprolactam		0.076	0.081	0.101	0.100	0.100	0.101	0.093	12.38
36) C	4-Chloro-3-met...	0.267	0.291	0.309	0.341	0.334	0.341	0.340	0.318	9.22
37)	2-Methylnaphth...	0.697	0.694	0.723	0.756	0.730	0.751	0.731	0.726	3.31
38)	1-Methylnaphth...	0.684	0.683	0.714	0.740	0.712	0.729	0.710	0.710	2.98

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.460	0.449	0.508	0.507	0.489	0.517	0.506	0.491	5.40
41) P	Hexachlorocycl...	0.181	0.231	0.250	0.248	0.268	0.265	0.240		13.27
42) S	2,4,6-Tribromo...	0.125	0.139	0.152	0.171	0.168	0.171	0.171	0.157	11.86
43) C	2,4,6-Trichlor...	0.261	0.283	0.338	0.363	0.358	0.377	0.375	0.337	13.76
44)	2,4,5-Trichlor...	0.306	0.317	0.376	0.401	0.395	0.414	0.414	0.375	12.07
45) S	2-Fluorobiphenyl	1.268	1.258	1.387	1.355	1.279	1.301	1.233	1.297	4.26
46)	1,1'-Biphenyl	1.430	1.411	1.540	1.531	1.454	1.507	1.448	1.474	3.47
47)	2-Chloronaphth...	1.079	1.067	1.183	1.168	1.122	1.170	1.137	1.132	4.04
48)	2-Nitroaniline	0.268	0.299	0.354	0.404	0.395	0.403	0.400	0.360	15.55
49)	Acenaphthylene	1.648	1.714	1.910	1.948	1.861	1.911	1.843	1.834	6.08
50)	Dimethylphthalate	1.299	1.348	1.402	1.494	1.443	1.453	1.433	1.410	4.74
51)	2,6-Dinitrotol...	0.215	0.248	0.277	0.309	0.304	0.310	0.310	0.282	13.29
52) C	Acenaphthene	1.103	1.096	1.175	1.187	1.131	1.158	1.126	1.140	3.07
53)	3-Nitroaniline	0.251	0.291	0.330	0.377	0.371	0.375	0.375	0.338	14.90
54) P	2,4-Dinitrophenol	0.093	0.116	0.150	0.155	0.163	0.171	0.141		21.46
55)	Dibenzofuran	1.716	1.691	1.765	1.788	1.698	1.736	1.683	1.725	2.28
56) P	4-Nitrophenol	0.219	0.246	0.292	0.288	0.288	0.291	0.270		11.44
57)	2,4-Dinitrotol...	0.257	0.307	0.349	0.411	0.408	0.413	0.419	0.366	17.44
58)	Fluorene	1.381	1.387	1.444	1.493	1.418	1.410	1.361	1.413	3.13
59)	2,3,4,6-Tetrac...	0.258	0.280	0.306	0.334	0.326	0.331	0.334	0.310	9.74
60)	Diethylphthalate	1.316	1.393	1.431	1.573	1.518	1.513	1.496	1.463	6.01
61)	4-Chlorophenyl...	0.602	0.597	0.626	0.645	0.618	0.629	0.609	0.618	2.71
62)	4-Nitroaniline	0.250	0.303	0.335	0.391	0.388	0.380	0.381	0.347	15.50
63)	Azobenzene	1.487	1.600	1.680	1.754	1.666	1.631	1.569	1.627	5.28
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.068	0.086	0.104	0.107	0.115	0.117	0.099		19.16
66) c	n-Nitrosodiphe...	0.573	0.573	0.641	0.646	0.615	0.650	0.628	0.618	5.33
67)	4-Bromophenyl-...	0.166	0.166	0.187	0.191	0.186	0.199	0.196	0.184	7.28
68)	Hexachlorobenzene	0.193	0.187	0.204	0.209	0.202	0.218	0.215	0.204	5.54
69)	Atrazine	0.146	0.159	0.172	0.189	0.175	0.178	0.172	0.170	8.19
70) C	Pentachlorophenol	0.094	0.116	0.133	0.131	0.139	0.140	0.125		14.02
71)	Phenanthrene	1.118	1.074	1.155	1.159	1.105	1.135	1.092	1.120	2.85
72)	Anthracene	0.996	1.007	1.103	1.128	1.073	1.108	1.059	1.068	4.76
73)	Carbazole	0.915	0.955	1.022	1.059	1.016	1.021	0.987	0.997	4.86
74)	Di-n-butylphth...	0.982	1.111	1.237	1.382	1.359	1.361	1.304	1.248	12.05
75) C	Fluoranthene	1.057	1.100	1.175	1.222	1.203	1.169	1.138	1.152	5.06
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.448	0.439	0.372	0.469	0.413	0.398	0.399	0.420	8.03
78)	Pyrene	1.414	1.416	1.510	1.616	1.472	1.580	1.536	1.506	5.17
79) S	Terphenyl-d14	1.004	0.991	1.033	1.080	0.961	1.018	0.941	1.004	4.59
80)	Butylbenzylpht...	0.422	0.497	0.577	0.705	0.693	0.727	0.725	0.621	19.84
81)	Benzo(a)anthra...	1.230	1.240	1.312	1.351	1.302	1.357	1.301	1.299	3.78
82)	3,3'-Dichlorob...	0.290	0.318	0.370	0.382	0.369	0.385	0.353	0.353	10.10
83)	Chrysene	1.242	1.186	1.279	1.297	1.245	1.280	1.230	1.251	3.02
84)	Bis(2-ethylhex...	0.622	0.733	0.873	1.046	1.034	1.056	1.016	0.911	19.12
85) c	Di-n-octyl pht...	1.036	1.321	1.559	1.601	1.668	1.620	1.468		16.62

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(#) = Out of Range