

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM032521.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Mar 25 02:53:41 2021
 Response Via : Initial Calibration

Calibration Files

5 =BM029207.D 10 =BM029208.D 20 =BM029209.D 40 =BM029210.D 50 =BM029211.D 60 =BM029212.D 80 =BM029213.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.535	0.571	0.557	0.500	0.480	0.468	0.496	0.515	7.68
3)	Pyridine	1.192	1.297	1.398	1.343	1.313	1.244	1.316	1.300	5.12
4)	n-Nitrosodimet...	0.522	0.554	0.637	0.623	0.577	0.605	0.618	0.591	7.01
5) S	2-Fluorophenol	1.039	1.194	1.241	1.154	1.113	1.100	1.170	1.144	5.82
6)	Aniline	1.651	1.894	1.960	1.853	1.801	1.708	1.790	1.808	5.87
7) S	Phenol-d6	1.469	1.695	1.795	1.699	1.641	1.611	1.653	1.652	6.05
8)	2-Chlorophenol	1.182	1.351	1.419	1.313	1.282	1.269	1.304	1.303	5.62
9)	Benzaldehyde	1.109	1.187	1.186	1.048	0.964	0.934	0.952	1.054	10.33
10) C	Phenol	1.495	1.696	1.774	1.665	1.608	1.593	1.623	1.636	5.35
11)	bis(2-Chloroet...	1.163	1.290	1.261	1.197	1.161	1.156	1.170	1.200	4.51
12)	1,3-Dichlorobe...	1.441	1.569	1.605	1.448	1.392	1.378	1.429	1.466	5.94
13) C	1,4-Dichlorobe...	1.406	1.569	1.628	1.461	1.411	1.396	1.463	1.476	6.04
14)	1,2-Dichlorobe...	1.427	1.537	1.548	1.420	1.376	1.367	1.408	1.440	5.08
15)	Benzyl Alcohol	1.105	1.272	1.326	1.266	1.237	1.236	1.241	1.240	5.45
16)	2,2'-oxybis(1-...	1.826	2.027	2.048	1.875	1.767	1.715	1.687	1.849	7.74
17)	2-Methylphenol	0.911	1.075	1.167	1.094	1.064	1.058	1.069	1.062	7.20
18)	Hexachloroethane	0.510	0.563	0.580	0.548	0.532	0.522	0.540	0.542	4.41
19) P	n-Nitroso-di-n...	1.003	1.124	1.189	1.140	1.107	1.105	1.092	1.108	5.10
20)	3+4-Methylphenols	1.226	1.486	1.557	1.484	1.468	1.442	1.449	1.445	7.17
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.460	0.511	0.526	0.513	0.490	0.498	0.526	0.503	4.64
23) S	Nitrobenzene-d5	0.348	0.397	0.427	0.420	0.410	0.412	0.439	0.408	7.24
24)	Nitrobenzene	0.385	0.424	0.454	0.436	0.423	0.425	0.451	0.428	5.37
25)	Isophorone	0.583	0.691	0.749	0.746	0.732	0.748	0.783	0.719	9.14
26) C	2-Nitrophenol	0.099	0.124	0.138	0.154	0.154			0.134	17.17
27)	2,4-Dimethylph...	0.233	0.269	0.289	0.284	0.278	0.281	0.297	0.276	7.58
28)	bis(2-Chloroet...	0.345	0.388	0.402	0.382	0.375	0.379	0.396	0.381	4.80
29) C	2,4-Dichloroph...	0.227	0.278	0.316	0.308	0.305	0.313	0.335	0.297	11.88
30)	1,2,4-Trichlor...	0.315	0.340	0.359	0.343	0.326	0.334	0.360	0.340	4.90
31)	Naphthalene	0.994	1.073	1.117	1.061	1.027	1.028	1.096	1.056	4.07
32)	Benzoic acid		0.125	0.136	0.165	0.173	0.185		0.157	16.06
33)	4-Chloroaniline	0.360	0.418	0.443	0.433	0.427	0.424	0.453	0.423	7.13
34) C	Hexachlorobuta...	0.185	0.202	0.212	0.195	0.196	0.198	0.213	0.200	5.01
35)	Caprolactam		0.076	0.087	0.092	0.094	0.101	0.104	0.093	10.82
36) C	4-Chloro-3-met...	0.257	0.316	0.337	0.332	0.331	0.339	0.353	0.324	9.62
37)	2-Methylnaphth...	0.704	0.767	0.782	0.760	0.740	0.750	0.788	0.756	3.73
38)	1-Methylnaphth...	0.657	0.729	0.744	0.718	0.703	0.714	0.750	0.716	4.33

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.525	0.527	0.581	0.561	0.547	0.557	0.606	0.558	5.21
41) P	Hexachlorocycl...	0.262	0.277	0.319	0.315	0.314	0.321	0.360	0.310	10.32
42) S	2,4,6-Tribromo...	0.145	0.185	0.205	0.202	0.203	0.212	0.226	0.197	13.14
43) C	2,4,6-Trichlor...	0.277	0.329	0.370	0.375	0.372	0.380	0.416	0.360	12.34
44)	2,4,5-Trichlor...	0.310	0.385	0.427	0.414	0.410	0.421	0.453	0.403	11.33
45) S	2-Fluorobiphenyl	1.326	1.398	1.515	1.415	1.395	1.391	1.499	1.420	4.66
46)	1,1'-Biphenyl	1.452	1.514	1.648	1.529	1.496	1.493	1.595	1.532	4.38
47)	2-Chloronaphth...	1.105	1.182	1.271	1.196	1.155	1.169	1.255	1.190	4.83
48)	2-Nitroaniline	0.230	0.303	0.356	0.371	0.374	0.385	0.408	0.347	17.56
49)	Acenaphthylene	1.540	1.768	1.952	1.859	1.817	1.863	1.976	1.825	7.93
50)	Dimethylphthalate	1.285	1.441	1.508	1.429	1.397	1.425	1.493	1.426	5.15
51)	2,6-Dinitrotol...	0.221	0.296	0.321	0.320	0.315	0.324	0.349	0.307	13.30
52) C	Acenaphthene	1.089	1.172	1.231	1.169	1.141	1.159	1.221	1.169	4.09
53)	3-Nitroaniline	0.216	0.279	0.319	0.325	0.326	0.332		0.300	15.00
54) P	2,4-Dinitrophenol		0.114	0.135	0.148	0.156	0.168		0.144	14.39
55)	Dibenzofuran	1.756	1.883	1.960	1.846	1.787	1.820	1.926	1.854	3.97
56) P	4-Nitrophenol		0.239	0.270	0.283	0.284	0.296	0.313	0.281	8.94
57)	2,4-Dinitrotol...	0.269	0.356	0.404	0.422	0.420	0.438		0.385	16.47
58)	Fluorene	1.338	1.500	1.591	1.506	1.479	1.508	1.616	1.505	5.97
59)	2,3,4,6-Tetrac...	0.258	0.311	0.348	0.338	0.341	0.353	0.378	0.333	11.51
60)	Diethylphthalate	1.228	1.409	1.491	1.432	1.403	1.436	1.529	1.418	6.72
61)	4-Chlorophenyl...	0.629	0.714	0.726	0.697	0.681	0.703	0.757	0.701	5.70
62)	4-Nitroaniline	0.223	0.298	0.331	0.351	0.354	0.369		0.321	16.81
63)	Azobenzene	1.322	1.590	1.725	1.662	1.617	1.624	1.687	1.604	8.26
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...		0.081	0.102	0.108	0.112	0.119		0.104	13.74
66) c	n-Nitrosodiphe...	0.547	0.626	0.683	0.652	0.632	0.638	0.680	0.637	7.17
67)	4-Bromophenyl-...	0.171	0.188	0.201	0.194	0.191	0.194	0.208	0.192	5.97
68)	Hexachlorobenzene	0.198	0.219	0.231	0.220	0.211	0.214	0.228	0.217	5.12
69)	Atrazine	0.154	0.197	0.217	0.214	0.210	0.213	0.228	0.205	11.83
70) C	Pentachlorophenol		0.109	0.128	0.132	0.133	0.138	0.153	0.132	10.72
71)	Phenanthrene	1.081	1.158	1.241	1.166	1.132	1.144	1.210	1.162	4.50
72)	Anthracene	0.960	1.107	1.182	1.151	1.119	1.135	1.207	1.123	7.13
73)	Carbazole	0.927	1.082	1.181	1.144	1.116	1.119	1.194	1.109	8.04
74)	Di-n-butylphth...	0.784	0.978	1.100	1.137	1.128	1.164	1.261	1.079	14.36
75) C	Fluoranthene	1.112	1.265	1.347	1.306	1.280	1.307	1.403	1.288	7.02
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.488	0.604	0.691	0.660	0.670	0.639	0.702	0.636	11.46
78)	Pyrene	1.180	1.293	1.412	1.364	1.318	1.327	1.408	1.329	5.97
79) S	Terphenyl-d14	0.930	0.973	1.056	1.019	0.987	1.003	1.081	1.007	5.06
80)	Butylbenzylpht...	0.293	0.374	0.440	0.485	0.489	0.505		0.431	19.18
81)	Benzo(a)anthra...	1.180	1.289	1.369	1.322	1.275	1.292	1.389	1.302	5.27
82)	3,3'-Dichlorob...	0.285	0.351	0.400	0.405	0.401	0.410	0.450	0.386	13.75
83)	Chrysene	1.205	1.288	1.355	1.285	1.262	1.267	1.373	1.291	4.43
84)	Bis(2-ethylhex...	0.404	0.582	0.676	0.734	0.727	0.751		0.646	20.59
85) c	Di-n-octyl pht...		0.859	1.033	1.165	1.176	1.219		1.090	13.48

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86)	I	Perylene-d12					-ISTD-							
87)		Indeno(1,2,3-c...	1.273	1.416	1.545	1.502	1.463	1.489	1.598	1.469			7.08	
88)		Benzo(b)fluora...	1.151	1.268	1.387	1.327	1.285	1.325	1.413	1.308			6.60	
89)		Benzo(k)fluora...	1.067	1.232	1.354	1.299	1.252	1.267	1.386	1.265			8.16	
90)	C	Benzo(a)pyrene	0.963	1.113	1.243	1.215	1.181	1.210	1.300	1.175			9.32	
91)		Dibenzo(a,h)an...	1.118	1.227	1.335	1.287	1.255	1.281	1.385	1.270			6.67	
92)		Benzo(g,h,i)pe...	1.084	1.197	1.295	1.232	1.203	1.215	1.299	1.218			5.94	

(#) = Out of Range