

Method Path : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\
 Method File : 8270-BM082019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Aug 20 02:18:05 2019
 Response Via : Initial Calibration

Calibration Files

10 =BM022194.D 20 =BM022195.D 40 =BM022196.D 50 =BM022197.D 60 =BM022198.D 80 =BM022199.D 100 =BM022200.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.490	0.473	0.471	0.449	0.469	0.466	0.475	0.470	2.59
3)	Pyridine	1.114	1.208	1.140	1.223	1.248	1.230	1.177	1.191	4.17
4)	n-Nitrosodimet...	0.618	0.664	0.724	0.702	0.776	0.744	0.769	0.714	8.03
5) S	2-Fluorophenol	1.109	1.092	1.156	1.077	1.131	1.144	1.148	1.122	2.68
6)	Aniline	1.941	2.010	2.000	1.958	2.084	2.047	1.968	2.001	2.55
7) S	Phenol-d6	1.399	1.479	1.557	1.461	1.544	1.524	1.498	1.495	3.64
8)	2-Chlorophenol	1.266	1.315	1.390	1.298	1.361	1.367	1.357	1.336	3.31
9)	Benzaldehyde	1.129	1.061	0.968	0.894	0.868	0.764	0.947	14.09	
10) C	Phenol	1.477	1.562	1.646	1.535	1.621	1.637	1.598	1.582	3.88
11)	bis(2-Chloroet...	1.238	1.274	1.289	1.214	1.266	1.253	1.228	1.252	2.11
12)	1,3-Dichlorobe...	1.671	1.585	1.635	1.563	1.645	1.647	1.657	1.629	2.44
13) C	1,4-Dichlorobe...	1.675	1.642	1.660	1.578	1.675	1.676	1.670	1.654	2.15
14)	1,2-Dichlorobe...	1.582	1.592	1.618	1.557	1.643	1.637	1.645	1.610	2.13
15)	Benzyl Alcohol	1.309	1.250	1.364	1.272	1.375	1.334	1.294	1.314	3.53
16)	2,2'-oxybis(1-...	1.767	1.757	1.776	1.694	1.738	1.727	1.680	1.734	2.09
17)	2-Methylphenol	1.051	1.131	1.175	1.109	1.163	1.161	1.110	1.129	3.82
18)	Hexachloroethane	0.696	0.712	0.726	0.694	0.739	0.726	0.732	0.718	2.44
19) P	n-Nitroso-di-n...	1.075	1.201	1.254	1.152	1.203	1.191	1.164	1.177	4.72
20)	3+4-Methylphenols	1.365	1.538	1.609	1.497	1.587	1.575	1.498	1.524	5.39
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.478	0.505	0.522	0.492	0.531	0.525	0.538	0.513	4.29
23) S	Nitrobenzene-d5	0.388	0.400	0.425	0.402	0.423	0.415	0.426	0.411	3.60
24)	Nitrobenzene	0.390	0.423	0.438	0.415	0.431	0.419	0.431	0.421	3.82
25)	Isophorone	0.696	0.738	0.773	0.701	0.743	0.722	0.735	0.730	3.59
26) C	2-Nitrophenol	0.150	0.169	0.193	0.177	0.185	0.185	0.190	0.178	8.28
27)	2,4-Dimethylph...	0.256	0.270	0.280	0.263	0.273	0.269	0.271	0.269	2.76
28)	bis(2-Chloroet...	0.403	0.427	0.452	0.423	0.441	0.434	0.442	0.432	3.72
29) C	2,4-Dichloroph...	0.290	0.308	0.342	0.319	0.334	0.333	0.345	0.324	6.13
30)	1,2,4-Trichlor...	0.385	0.382	0.398	0.387	0.407	0.409	0.429	0.400	4.25
31)	Naphthalene	1.046	1.021	1.061	0.997	1.055	1.030	1.060	1.039	2.28
32)	Benzoic acid	0.157	0.219	0.248	0.234	0.248	0.248	0.253	0.229	14.79
33)	4-Chloroaniline	0.400	0.431	0.446	0.423	0.455	0.441	0.446	0.435	4.26
34) C	Hexachlorobuta...	0.315	0.327	0.339	0.329	0.355	0.353	0.382	0.343	6.52
35)	Caprolactam	0.063	0.091	0.098	0.085	0.093	0.088	0.093	0.087	13.18
36) C	4-Chloro-3-met...	0.316	0.343	0.372	0.328	0.350	0.341	0.350	0.343	5.19
37)	2-Methylnaphth...	0.741	0.751	0.790	0.724	0.768	0.761	0.780	0.759	2.98

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38)	1-Methylnaphth...	0.699	0.725	0.762	0.698	0.733	0.721	0.740	0.725	3.14
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.738	0.728	0.769	0.763	0.791	0.830	0.860	0.783	6.15
41) P	Hexachlorocycl...	0.168	0.284	0.347	0.381	0.422	0.458	0.490	0.364	30.43
42) S	2,4,6-Tribromo...	0.258	0.293	0.329	0.300	0.332	0.348	0.406	0.324	14.55
43) C	2,4,6-Trichlor...	0.402	0.449	0.455	0.461	0.493	0.508	0.517	0.469	8.52
44)	2,4,5-Trichlor...	0.432	0.463	0.483	0.466	0.487	0.493	0.511	0.476	5.35
45) S	2-Fluorobiphenyl	1.432	1.480	1.570	1.526	1.656	1.724	1.821	1.601	8.69
46)	1,1'-Biphenyl	1.495	1.526	1.571	1.521	1.606	1.625	1.665	1.573	3.95
47)	2-Chloronaphth...	1.227	1.237	1.285	1.248	1.324	1.353	1.388	1.294	4.79
48)	2-Nitroaniline	0.347	0.401	0.427	0.402	0.424	0.424	0.439	0.409	7.45
49)	Acenaphthylene	1.884	1.921	2.057	1.903	2.006	2.029	2.099	1.986	4.19
50)	Dimethylphthalate	1.647	1.682	1.719	1.609	1.680	1.680	1.753	1.681	2.77
51)	2,6-Dinitrotol...	0.307	0.325	0.350	0.316	0.338	0.337	0.352	0.332	5.08
52) C	Acenaphthene	1.084	1.137	1.181	1.110	1.174	1.192	1.228	1.158	4.32
53)	3-Nitroaniline	0.276	0.332	0.340	0.322	0.342	0.339	0.363	0.331	8.18
54) P	2,4-Dinitrophenol	0.100	0.154	0.184	0.171	0.185	0.191		0.164	20.79
55)	Dibenzofuran	1.808	1.852	1.963	1.824	1.951	1.985	2.085	1.924	5.22
56) P	4-Nitrophenol	0.159	0.209	0.248	0.214	0.228	0.231	0.254	0.220	14.33
57)	2,4-Dinitrotol...	0.394	0.465	0.506	0.452	0.491	0.490	0.539	0.477	9.68
58)	Fluorene	1.433	1.520	1.640	1.520	1.637	1.705	1.900	1.622	9.46
59)	2,3,4,6-Tetrac...	0.437	0.473	0.470	0.461	0.484	0.483	0.515	0.475	5.04
60)	Diethylphthalate	1.734	1.770	1.824	1.676	1.759	1.753	1.896	1.773	3.95
61)	4-Chlorophenyl...	0.875	0.927	1.013	0.963	1.047	1.100	1.230	1.022	11.59
62)	4-Nitroaniline	0.231	0.301	0.327	0.298	0.315	0.316	0.353	0.306	12.35
63)	Azobenzene	1.640	1.730	1.767	1.632	1.703	1.711	1.778	1.709	3.32
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.078	0.107	0.128	0.121	0.131	0.133	0.142	0.120	17.92
66) c	n-Nitrosodiphe...	0.581	0.603	0.657	0.628	0.669	0.676	0.676	0.641	5.96
67)	4-Bromophenyl-...	0.266	0.271	0.296	0.290	0.310	0.315	0.327	0.296	7.67
68)	Hexachlorobenzene	0.295	0.305	0.336	0.327	0.356	0.362	0.376	0.337	8.92
69)	Atrazine	0.236	0.236	0.172	0.227	0.230	0.204	0.182	0.212	12.59
70) C	Pentachlorophenol	0.131	0.150	0.164	0.166	0.176	0.175	0.185	0.164	11.12
71)	Phenanthrene	1.089	1.097	1.185	1.123	1.188	1.190	1.246	1.160	4.99
72)	Anthracene	1.064	1.080	1.175	1.118	1.174	1.187	1.262	1.151	6.00
73)	Carbazole	0.877	0.917	0.997	0.926	0.978	0.974	1.056	0.961	6.16
74)	Di-n-butylphth...	1.393	1.400	1.484	1.407	1.466	1.466	1.587	1.458	4.65
75) C	Fluoranthene	1.318	1.292	1.404	1.336	1.398	1.411	1.631	1.399	8.03
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.512	0.500	0.458	0.421	0.433	0.367		0.449	11.99
78)	Pyrene	1.325	1.438	1.545	1.321	1.447	1.423	1.356	1.408	5.71
79) S	Terphenyl-d14	1.112	1.271	1.461	1.292	1.454	1.509	1.511	1.373	11.01
80)	Butylbenzylphth...	0.625	0.638	0.660	0.616	0.643	0.636	0.589	0.630	3.60
81)	Benzo(a)anthra...	1.314	1.359	1.445	1.337	1.450	1.452	1.490	1.407	4.85
82)	3,3'-Dichlorob...	0.476	0.492	0.494	0.476	0.509	0.491	0.494	0.490	2.32

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83)	Chrysene	1.300	1.299	1.390	1.297	1.397	1.384	1.439	1.358	4.29	
84)	Bis(2-ethylhex...	0.957	0.927	0.957	0.928	0.967	0.955	0.938	0.947	1.67	
85) c	Di-n-octyl pht...	1.563	1.499	1.508	1.509	1.581	1.550	1.518	1.533	2.08	
86)	Indeno(1,2,3-c...	1.407	1.385	1.431	1.491	1.577	1.605	1.749	1.521	8.61	
87) I	Perylene-d12	-----ISTD-----									
88)	Benzo(b)fluora...	1.205	1.225	1.363	1.316	1.361	1.378	1.500	1.335	7.47	
89)	Benzo(k)fluora...	1.187	1.202	1.307	1.252	1.349	1.387	1.454	1.305	7.55	
90) C	Benzo(a)pyrene	1.125	1.141	1.216	1.181	1.240	1.260	1.351	1.216	6.36	
91)	Dibenzo(a,h)an...	1.082	1.128	1.261	1.256	1.341	1.402	1.577	1.292	12.97	
92)	Benzo(g,h,i)pe...	1.050	1.055	1.138	1.098	1.161	1.172	1.233	1.130	5.89	

(#) = Out of Range