

Method Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_N\Methods\
 Method File : 8270-BN020718.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Feb 07 18:24:45 2018
 Response Via : Initial Calibration

Calibration Files

2.5 =BN000032.D 10 =BN000033.D 25 =BN000034.D 40 =BN000035.D 50 =BN000036.D 60 =BN000037.D 80 =BN000038.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.485	0.496	0.499	0.491	0.494	0.501	0.490	0.494	1.12
3)	Pyridine	1.184	1.416	1.545	1.598	1.653	1.690	1.673	1.537	11.84
4)	n-Nitrosodimet...	0.398	0.403	0.435	0.438	0.451	0.464	0.455	0.435	5.88
5) S	2-Fluorophenol	1.061	1.118	1.231	1.252	1.298	1.330	1.301	1.227	8.24
6)	Aniline	2.211	2.364	2.611	2.654	2.702	2.747	2.637	2.561	7.69
7) S	Phenol-d6	1.534	1.704	1.903	1.955	1.987	2.013	1.916	1.859	9.42
8)	2-Chlorophenol	1.237	1.330	1.462	1.479	1.521	1.532	1.485	1.435	7.64
9)	Benzaldehyde	1.165	1.227	1.200	1.183	1.157	1.007	1.156	6.71	
10) C	Phenol	1.653	1.835	1.985	2.049	2.082	2.109	2.021	1.962	8.31
11)	bis(2-Chloroet...	1.482	1.549	1.630	1.641	1.677	1.680	1.637	1.614	4.49
12)	1,3-Dichlorobe...	1.591	1.597	1.638	1.630	1.649	1.682	1.626	1.631	1.90
13) C	1,4-Dichlorobe...	1.624	1.638	1.673	1.661	1.692	1.705	1.663	1.665	1.70
14)	1,2-Dichlorobe...	1.569	1.600	1.667	1.647	1.672	1.692	1.628	1.639	2.65
15)	Benzyl Alcohol	1.046	1.133	1.338	1.420	1.466	1.495	1.454	1.336	13.28
16)	2,2'-oxybis(1-...	1.611	1.659	1.737	1.727	1.755	1.761	1.708	1.708	3.20
17)	2-Methylphenol	1.129	1.233	1.432	1.467	1.493	1.527	1.479	1.394	10.85
18)	Hexachloroethane	0.515	0.539	0.572	0.589	0.611	0.620	0.611	0.580	6.90
19) P	n-Nitroso-di-n...	0.957	1.108	1.292	1.322	1.361	1.369	1.310	1.246	12.38
20)	3+4-Methylphenols	1.449	1.742	1.994	2.081	2.128	2.171	2.087	1.950	13.44
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.503	0.540	0.569	0.575	0.582	0.594	0.560	0.560	5.46
23) S	Nitrobenzene-d5	0.257	0.292	0.338	0.357	0.366	0.381	0.363	0.336	13.45
24)	Nitrobenzene	0.300	0.330	0.370	0.385	0.393	0.407	0.389	0.368	10.52
25)	Isophorone	0.535	0.613	0.703	0.743	0.756	0.777	0.741	0.695	12.79
26) C	2-Nitrophenol	0.087	0.118	0.136	0.150	0.159	0.163	0.135	0.135	21.44
27)	2,4-Dimethylph...	0.280	0.264	0.297	0.311	0.317	0.326	0.315	0.301	7.45
28)	bis(2-Chloroet...	0.396	0.425	0.449	0.458	0.465	0.475	0.454	0.446	6.05
29) C	2,4-Dichloroph...	0.224	0.268	0.287	0.295	0.305	0.295	0.279	0.279	10.74
30)	1,2,4-Trichlor...	0.308	0.313	0.320	0.322	0.328	0.336	0.323	0.321	2.92
31)	Naphthalene	1.073	1.094	1.107	1.114	1.104	1.132	1.052	1.096	2.44
32)	Benzoic acid	0.081	0.147	0.192	0.218	0.238	0.256	0.189	0.189	34.58
33)	4-Chloroaniline	0.402	0.450	0.489	0.504	0.509	0.523	0.495	0.482	8.66
34) C	Hexachlorobuta...	0.158	0.163	0.167	0.168	0.168	0.174	0.168	0.167	2.99
35)	Caprolactam	0.080	0.107	0.119	0.123	0.128	0.124	0.114	0.114	15.87
36) C	4-Chloro-3-met...	0.290	0.344	0.366	0.374	0.383	0.368	0.354	0.354	9.54
37)	2-Methylnaphth...	0.708	0.758	0.775	0.783	0.777	0.797	0.743	0.763	3.90

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38)	I	Acenaphthene-d10	-----ISTD-----								
39)		1,2,4,5-Tetrac...	0.556	0.575	0.589	0.591	0.604	0.620	0.599	0.590	3.49
40)	P	Hexachlorocycl...		0.189	0.226	0.241	0.262	0.277	0.281	0.246	14.28
41)	S	2,4,6-Tribromo...		0.158	0.190	0.199	0.209	0.219	0.214	0.198	11.17
42)	C	2,4,6-Trichlor...		0.264	0.338	0.362	0.377	0.394	0.388	0.354	13.65
43)		2,4,5-Trichlor...		0.342	0.413	0.427	0.450	0.466	0.453	0.425	10.55
44)	S	2-Fluorobiphenyl	1.447	1.475	1.478	1.445	1.408	1.423	1.256	1.419	5.38
45)		1,1'-Biphenyl	1.716	1.774	1.793	1.775	1.775	1.815	1.682	1.761	2.63
46)		2-Chloronaphth...	1.251	1.294	1.337	1.337	1.349	1.381	1.303	1.322	3.20
47)		2-Nitroaniline		0.239	0.337	0.369	0.391	0.409	0.401	0.358	17.78
48)		Acenaphthylene	1.790	2.082	2.216	2.226	2.217	2.275	2.100	2.129	7.77
49)		Dimethylphthalate	1.472	1.634	1.726	1.725	1.728	1.773	1.647	1.672	6.04
50)		2,6-Dinitrotol...		0.269	0.335	0.353	0.365	0.381	0.368	0.345	11.76
51)	C	Acenaphthene	1.322	1.367	1.396	1.410	1.406	1.446	1.356	1.386	2.94
52)		3-Nitroaniline		0.335	0.406	0.432	0.443	0.460	0.442	0.420	10.74
53)	P	2,4-Dinitrophenol		0.057	0.080	0.096	0.109	0.118	0.126	0.098	26.47
54)		Dibenzofuran	1.950	2.005	2.006	1.977	1.957	2.005	1.843	1.963	2.95
55)	P	4-Nitrophenol		0.205	0.283	0.312	0.330	0.347	0.340	0.303	17.59
56)		2,4-Dinitrotol...		0.330	0.438	0.476	0.496	0.520	0.507	0.461	15.24
57)		Fluorene	1.549	1.651	1.662	1.638	1.601	1.635	1.484	1.603	4.02
58)		2,3,4,6-Tetrac...		0.266	0.328	0.341	0.355	0.366	0.357	0.336	10.90
59)		Diethylphthalate	1.427	1.641	1.762	1.782	1.773	1.818	1.689	1.699	7.90
60)		4-Chlorophenyl...	0.722	0.736	0.737	0.738	0.733	0.747	0.700	0.730	2.10
61)		4-Nitroaniline		0.343	0.424	0.449	0.455	0.471	0.445	0.431	10.58
62)		Azobenzene	1.392	1.677	1.772	1.775	1.758	1.803	1.663	1.691	8.40
63)	I	Phenanthrene-d10	-----ISTD-----								
64)		4,6-Dinitro-2-...		0.047	0.069	0.084	0.093	0.099	0.106	0.083	26.22
65)	c	n-Nitrosodiphe...	0.553	0.629	0.671	0.677	0.682	0.695	0.649	0.651	7.42
66)		4-Bromophenyl-...	0.168	0.180	0.190	0.193	0.200	0.203	0.197	0.190	6.46
67)		Hexachlorobenzene	0.207	0.219	0.222	0.222	0.227	0.231	0.226	0.222	3.39
68)		Atrazine		0.176	0.209	0.217	0.223	0.228	0.219	0.212	8.84
69)	C	Pentachlorophenol		0.087	0.121	0.135	0.147	0.152	0.153	0.132	19.26
70)		Phenanthrene	1.192	1.207	1.214	1.198	1.180	1.196	1.083	1.181	3.78
71)		Anthracene	1.000	1.129	1.202	1.204	1.185	1.204	1.084	1.144	6.85
72)		Carbazole	1.003	1.156	1.210	1.212	1.190	1.208	1.088	1.152	6.88
73)		Di-n-butylphth...		1.061	1.322	1.374	1.370	1.378	1.128	1.272	11.05
74)	C	Fluoranthene	1.090	1.253	1.308	1.314	1.280	1.298	1.134	1.239	7.29
75)	I	Chrysene-d12	-----ISTD-----								
76)		Benzidine		0.470	0.596	0.658	0.690	0.709	0.702	0.638	14.42
77)		Pyrene	1.134	1.266	1.342	1.324	1.317	1.329	1.185	1.271	6.37
78)	S	Terphenyl-d14	0.738	0.791	0.794	0.765	0.747	0.738	0.611	0.741	8.36
79)		Butylbenzylphth...		0.345	0.509	0.571	0.614	0.641	0.624	0.551	20.22
80)		Benzo(a)anthra...	1.138	1.237	1.268	1.267	1.262	1.274	1.160	1.229	4.61
81)		3,3'-Dichlorob...		0.378	0.445	0.462	0.472	0.489	0.463	0.452	8.61
82)		Chrysene	1.230	1.259	1.266	1.246	1.216	1.246	1.112	1.225	4.28

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83)	Bis(2-ethylhex...	0.596	0.818	0.887	0.920	0.948	0.888	0.843	15.27
84) c	Di-n-octyl pht...	0.850	1.251	1.398	1.453	1.500	1.301	1.292	18.22
85)	Indeno(1,2,3-c...	1.214	1.465	1.519	1.560	1.560	1.653	1.563	9.31
86) I	Perylene-d12	-----ISTD-----							
87)	Benzo(b)fluora...	1.009	1.124	1.203	1.234	1.216	1.262	1.146	7.33
88)	Benzo(k)fluora...	1.054	1.198	1.232	1.216	1.215	1.224	1.114	5.75
89) C	Benzo(a)pyrene	0.934	1.072	1.158	1.178	1.179	1.214	1.122	8.47
90)	Dibenzo(a,h)an...	0.972	1.162	1.212	1.228	1.214	1.268	1.162	8.23
91)	Benzo(g,h,i)pe...	1.032	1.138	1.199	1.226	1.228	1.283	1.205	6.83

(#) = Out of Range