

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP072221.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Jul 22 14:48:03 2021
 Response Via : Initial Calibration

Calibration Files

5 =BP006273.D 10 =BP006274.D 20 =BP006275.D 40 =BP006276.D 50 =BP006277.D 60 =BP006278.D 80 =BP006279.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.564	0.548	0.555	0.536	0.501	0.513	0.489	0.529	5.41
3)	Pyridine	1.518	1.563	1.562	1.561	1.463	1.484	1.443	1.514	3.35
4)	n-Nitrosodimet...	0.495	0.531	0.538	0.535	0.518	0.506	0.501	0.518	3.37
5) S	2-Fluorophenol	1.264	1.282	1.300	1.270	1.214	1.217	1.175	1.246	3.61
6)	Aniline	1.843	1.956	1.910	1.925	1.875	1.819	1.795	1.874	3.14
7) S	Phenol-d6	1.676	1.807	1.774	1.780	1.710	1.680	1.643	1.724	3.64
8)	2-Chlorophenol	1.360	1.420	1.408	1.382	1.340	1.323	1.291	1.360	3.40
9)	Benzaldehyde	1.115	1.146	1.089	1.017	0.917	0.883	0.794	0.995	13.33
10) C	Phenol	1.709	1.773	1.766	1.768	1.697	1.667	1.626	1.715	3.30
11)	bis(2-Chloroet...	1.285	1.417	1.357	1.346	1.310	1.267	1.239	1.317	4.60
12)	1,3-Dichlorobe...	1.505	1.543	1.514	1.453	1.408	1.390	1.343	1.451	5.08
13) C	1,4-Dichlorobe...	1.518	1.576	1.536	1.477	1.433	1.410	1.363	1.473	5.12
14)	1,2-Dichlorobe...	1.460	1.517	1.467	1.421	1.367	1.340	1.299	1.410	5.53
15)	Benzyl Alcohol	1.171	1.287	1.244	1.291	1.268	1.220	1.201	1.240	3.65
16)	2,2'-oxybis(1-...	1.427	1.555	1.496	1.449	1.419	1.353	1.310	1.430	5.78
17)	2-Methylphenol	1.054	1.162	1.123	1.147	1.121	1.081	1.062	1.107	3.77
18)	Hexachloroethane	0.519	0.565	0.552	0.548	0.531	0.524	0.512	0.536	3.68
19) P	n-Nitroso-di-n...	0.975	1.137	1.080	1.108	1.102	1.028	1.010	1.063	5.58
20)	3+4-Methylphenols	1.396	1.568	1.509	1.553	1.530	1.471	1.452	1.497	4.07
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.470	0.503	0.514	0.495	0.497	0.498	0.485	0.495	2.80
23) S	Nitrobenzene-d5	0.352	0.374	0.390	0.383	0.384	0.386	0.377	0.378	3.33
24)	Nitrobenzene	0.372	0.394	0.411	0.397	0.397	0.400	0.391	0.395	3.01
25)	Isophorone	0.616	0.693	0.700	0.707	0.722	0.712	0.707	0.694	5.12
26) C	2-Nitrophenol	0.120	0.135	0.147	0.158	0.162	0.166	0.171	0.151	12.26
27)	2,4-Dimethylph...	0.255	0.275	0.282	0.274	0.275	0.267	0.273	0.272	3.09
28)	bis(2-Chloroet...	0.380	0.409	0.409	0.394	0.397	0.396	0.385	0.396	2.80
29) C	2,4-Dichloroph...	0.248	0.271	0.283	0.285	0.286	0.289	0.287	0.278	5.30
30)	1,2,4-Trichlor...	0.303	0.316	0.319	0.303	0.303	0.306	0.301	0.307	2.34
31)	Naphthalene	1.055	1.099	1.107	1.044	1.042	1.042	1.009	1.057	3.27
32)	Benzoic acid		0.159	0.171	0.193	0.207	0.209	0.221	0.193	12.52
33)	4-Chloroaniline	0.399	0.423	0.433	0.425	0.429	0.429	0.421	0.423	2.65
34) C	Hexachlorobuta...	0.174	0.184	0.186	0.178	0.179	0.181	0.179	0.180	2.29
35)	Caprolactam	0.068	0.084	0.088	0.091	0.096	0.095	0.095	0.088	11.07
36) C	4-Chloro-3-met...	0.294	0.334	0.339	0.336	0.342	0.340	0.336	0.331	5.11
37)	2-Methylnaphth...	0.708	0.757	0.747	0.720	0.728	0.720	0.699	0.726	2.83
38)	1-Methylnaphth...	0.665	0.712	0.707	0.678	0.687	0.680	0.660	0.684	2.87

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.530	0.540	0.564	0.534	0.530	0.542	0.534	0.539	2.22
41) P	Hexachlorocycl...	0.260	0.280	0.304	0.303	0.306	0.277	0.314	0.292	6.75
42) S	2,4,6-Tribromo...	0.144	0.159	0.177	0.184	0.197	0.204	0.210	0.182	13.32
43) C	2,4,6-Trichlor...	0.307	0.340	0.366	0.362	0.370	0.375	0.372	0.356	6.90
44)	2,4,5-Trichlor...	0.342	0.381	0.405	0.396	0.401	0.406	0.401	0.390	5.87
45) S	2-Fluorobiphenyl	1.345	1.383	1.419	1.308	1.297	1.310	1.246	1.330	4.34
46)	1,1'-Biphenyl	1.509	1.534	1.579	1.477	1.465	1.485	1.437	1.498	3.13
47)	2-Chloronaphth...	1.144	1.168	1.213	1.136	1.132	1.144	1.116	1.151	2.74
48)	2-Nitroaniline	0.258	0.294	0.330	0.350	0.359	0.364	0.363	0.331	12.27
49)	Acenaphthylene	1.706	1.856	1.916	1.827	1.832	1.847	1.774	1.822	3.64
50)	Dimethylphthalate	1.344	1.455	1.473	1.383	1.404	1.412	1.357	1.404	3.40
51)	2,6-Dinitrotol...	0.244	0.290	0.312	0.315	0.319	0.326	0.320	0.304	9.41
52) C	Acenaphthene	1.105	1.165	1.182	1.110	1.114	1.125	1.085	1.127	3.06
53)	3-Nitroaniline	0.256	0.301	0.331	0.338	0.349	0.356	0.351	0.326	11.04
54) P	2,4-Dinitrophenol	0.121	0.139	0.153	0.163	0.169	0.175	0.153		13.30
55)	Dibenzofuran	1.773	1.837	1.864	1.726	1.734	1.739	1.676	1.764	3.74
56) P	4-Nitrophenol	0.211	0.250	0.279	0.290	0.301	0.310	0.302	0.278	12.80
57)	2,4-Dinitrotol...	0.304	0.358	0.400	0.417	0.432	0.436	0.433	0.397	12.46
58)	Fluorene	1.374	1.463	1.471	1.380	1.402	1.402	1.351	1.406	3.22
59)	2,3,4,6-Tetrac...	0.280	0.319	0.331	0.326	0.336	0.341	0.336	0.324	6.40
60)	Diethylphthalate	1.334	1.485	1.509	1.418	1.460	1.465	1.408	1.440	4.07
61)	4-Chlorophenyl...	0.657	0.686	0.688	0.640	0.655	0.651	0.634	0.659	3.19
62)	4-Nitroaniline	0.259	0.309	0.344	0.352	0.364	0.375	0.365	0.338	12.16
63)	Azobenzene	1.349	1.574	1.624	1.562	1.575	1.568	1.507	1.537	5.84
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.088	0.102	0.111	0.118	0.121	0.127	0.111		12.74
66) c	n-Nitrosodiphe...	0.589	0.630	0.652	0.619	0.619	0.618	0.612	0.620	3.04
67)	4-Bromophenyl-...	0.161	0.170	0.177	0.176	0.180	0.184	0.189	0.177	5.11
68)	Hexachlorobenzene	0.217	0.226	0.229	0.219	0.224	0.223	0.226	0.223	1.81
69)	Atrazine	0.175	0.199	0.205	0.197	0.200	0.199	0.195	0.196	4.99
70) C	Pentachlorophenol	0.104	0.121	0.133	0.138	0.145	0.146	0.151	0.134	12.35
71)	Phenanthrene	1.105	1.160	1.155	1.076	1.083	1.086	1.058	1.103	3.58
72)	Anthracene	1.012	1.092	1.122	1.061	1.072	1.076	1.037	1.067	3.35
73)	Carbazole	1.006	1.088	1.133	1.058	1.069	1.081	1.039	1.068	3.75
74)	Di-n-butylphth...	1.026	1.185	1.257	1.227	1.274	1.266	1.222	1.208	7.12
75) C	Fluoranthene	1.190	1.277	1.307	1.210	1.232	1.249	1.180	1.235	3.74
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.504	0.564	0.470	0.593	0.465	0.509	0.550	0.522	9.23
78)	Pyrene	1.281	1.352	1.342	1.327	1.317	1.303	1.287	1.316	2.04
79) S	Terphenyl-d14	0.989	1.052	1.026	0.994	0.983	0.954	0.921	0.988	4.38
80)	Butylbenzylpht...	0.429	0.511	0.549	0.586	0.605	0.604	0.612	0.557	12.07
81)	Benzo(a)anthra...	1.270	1.325	1.347	1.277	1.270	1.262	1.238	1.284	2.96
82)	3,3'-Dichlorob...	0.293	0.314	0.346	0.353	0.352	0.360	0.361	0.340	7.64
83)	Chrysene	1.239	1.298	1.298	1.227	1.223	1.227	1.182	1.242	3.39
84)	Bis(2-ethylhex...	0.667	0.775	0.860	0.880	0.904	0.895	0.891	0.839	10.43
85) c	Di-n-octyl pht...	1.080	1.265	1.439	1.450	1.523	1.516	1.491	1.395	11.75

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.359	1.413	1.501	1.426	1.431	1.462	1.415	1.430	3.08	
88)	Benzo(b)fluora...	1.244	1.308	1.333	1.254	1.308	1.301	1.252	1.286	2.71	
89)	Benzo(k)fluora...	1.176	1.249	1.248	1.231	1.215	1.222	1.180	1.217	2.42	
90) C	Benzo(a)pyrene	1.081	1.149	1.183	1.153	1.173	1.182	1.141	1.152	3.06	
91)	Dibenzo(a,h)an...	1.189	1.231	1.292	1.234	1.234	1.257	1.210	1.235	2.67	
92)	Benzo(g,h,i)pe...	1.140	1.176	1.244	1.182	1.194	1.222	1.178	1.191	2.85	

(#) = Out of Range