

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP052822.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Sat May 28 02:18:04 2022
 Response Via : Initial Calibration

Calibration Files

5 =BP010581.D 10 =BP010582.D 20 =BP010583.D 40 =BP010584.D 50 =BP010585.D 60 =BP010586.D 80 =BP010587.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.503	0.483	0.474	0.463	0.450	0.464	0.422	0.466	5.47
3)	Pyridine	1.287	1.218	1.296	1.325	1.324	1.389	1.288	1.304	3.97
4)	n-Nitrosodimet...	0.877	0.804	0.791	0.778	0.764	0.808	0.743	0.795	5.35
5) S	2-Fluorophenol	1.067	1.041	1.108	1.110	1.105	1.168	1.075	1.096	3.69
6)	Aniline	1.798	1.738	1.834	1.811	1.852	1.975	1.810	1.831	3.97
7) S	Phenol-d6	1.529	1.480	1.535	1.553	1.581	1.673	1.543	1.556	3.83
8)	2-Chlorophenol	1.280	1.209	1.232	1.225	1.228	1.300	1.188	1.237	3.17
9)	Benzaldehyde	1.244	1.133	1.084	0.911	0.890	0.882		1.024	14.79
10) C	Phenol	1.640	1.523	1.611	1.586	1.611	1.711	1.585	1.609	3.57
11)	bis(2-Chloroet...	1.322	1.187	1.302	1.273	1.280	1.344	1.221	1.276	4.35
12)	1,3-Dichlorobe...	1.550	1.433	1.445	1.412	1.407	1.464	1.327	1.434	4.70
13) C	1,4-Dichlorobe...	1.587	1.482	1.465	1.450	1.433	1.493	1.376	1.469	4.39
14)	1,2-Dichlorobe...	1.516	1.425	1.427	1.382	1.371	1.424	1.301	1.407	4.70
15)	Benzyl Alcohol	1.187	1.119	1.229	1.259	1.282	1.379	1.280	1.248	6.56
16)	2,2'-oxybis(1-...	2.680	2.393	2.426	2.325	2.275	2.413	2.182	2.385	6.54
17)	2-Methylphenol	1.037	1.028	1.085	1.077	1.100	1.165	1.070	1.080	4.18
18)	Hexachloroethane	0.617	0.584	0.574	0.560	0.554	0.571	0.519	0.568	5.24
19) P	n-Nitroso-di-n...	1.189	1.080	1.142	1.092	1.128	1.201	1.114	1.135	4.05
20)	3+4-Methylphenols	1.425	1.359	1.463	1.495	1.534	1.626	1.492	1.485	5.67
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.542	0.492	0.505	0.520	0.520	0.555	0.517	0.522	4.05
23) S	Nitrobenzene-d5	0.422	0.407	0.421	0.424	0.422	0.448	0.419	0.423	2.95
24)	Nitrobenzene	0.423	0.407	0.426	0.433	0.428	0.454	0.421	0.427	3.38
25)	Isophorone	0.702	0.647	0.684	0.707	0.712	0.767	0.729	0.707	5.26
26) C	2-Nitrophenol	0.147	0.142	0.158	0.170	0.175	0.192	0.181	0.167	10.97
27)	2,4-Dimethylph...	0.232	0.230	0.243	0.251	0.251	0.270	0.256	0.248	5.69
28)	bis(2-Chloroet...	0.396	0.372	0.382	0.392	0.390	0.415	0.386	0.390	3.44
29) C	2,4-Dichloroph...	0.269	0.266	0.292	0.307	0.307	0.330	0.312	0.298	7.80
30)	1,2,4-Trichlor...	0.359	0.337	0.350	0.351	0.347	0.366	0.340	0.350	2.88
31)	Naphthalene	1.087	1.018	1.044	1.054	1.041	1.098	1.033	1.054	2.76
32)	Benzoic acid		0.086	0.131	0.172	0.201	0.229	0.225	0.174	32.42
33)	4-Chloroaniline	0.383	0.383	0.396	0.409	0.410	0.446	0.421	0.407	5.52
34) C	Hexachlorobuta...	0.262	0.233	0.232	0.232	0.231	0.241	0.224	0.236	5.17
35)	Caprolactam	0.071	0.071	0.086	0.090	0.088	0.098	0.098	0.086	13.43
36) C	4-Chloro-3-met...	0.320	0.307	0.332	0.342	0.341	0.373	0.359	0.339	6.59
37)	2-Methylnaphth...	0.763	0.694	0.721	0.727	0.724	0.781	0.735	0.735	3.93
38)	1-Methylnaphth...	0.752	0.681	0.704	0.712	0.702	0.762	0.713	0.718	3.97

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.614	0.611	0.607	0.621	0.628	0.663	0.611	0.622	3.13
41) P	Hexachlorocycl...		0.259	0.300	0.342	0.358	0.379	0.349	0.331	13.29
42) S	2,4,6-Tribromo...	0.214	0.205	0.221	0.231	0.230	0.248	0.235	0.226	6.33
43) C	2,4,6-Trichlor...	0.335	0.335	0.375	0.405	0.410	0.445	0.414	0.388	10.72
44)	2,4,5-Trichlor...	0.410	0.396	0.426	0.446	0.456	0.488	0.454	0.439	7.11
45) S	2-Fluorobiphenyl	1.417	1.375	1.388	1.395	1.412	1.504	1.373	1.409	3.19
46)	1,1'-Biphenyl	1.540	1.438	1.446	1.479	1.496	1.589	1.455	1.492	3.71
47)	2-Chloronaphth...	1.165	1.159	1.151	1.156	1.180	1.256	1.141	1.173	3.29
48)	2-Nitroaniline	0.372	0.352	0.402	0.418	0.419	0.454	0.428	0.406	8.55
49)	Acenaphthylene	1.806	1.708	1.765	1.790	1.808	1.937	1.794	1.801	3.83
50)	Dimethylphthalate	1.481	1.375	1.432	1.437	1.425	1.510	1.417	1.440	3.06
51)	2,6-Dinitrotol...	0.291	0.285	0.302	0.313	0.309	0.330	0.312	0.306	4.87
52) C	Acenaphthene	1.138	1.075	1.080	1.091	1.096	1.173	1.089	1.106	3.25
53)	3-Nitroaniline	0.270	0.250	0.296	0.314	0.314	0.339	0.316	0.300	10.18
54) P	2,4-Dinitrophenol		0.097	0.135	0.163	0.174	0.187	0.191	0.158	22.78
55)	Dibenzofuran	1.832	1.701	1.715	1.739	1.722	1.834	1.698	1.749	3.38
56) P	4-Nitrophenol		0.152	0.214	0.241	0.244	0.260	0.246	0.226	17.41
57)	2,4-Dinitrotol...	0.362	0.344	0.390	0.419	0.417	0.439	0.418	0.399	8.70
58)	Fluorene	1.477	1.376	1.415	1.428	1.407	1.499	1.405	1.430	3.02
59)	2,3,4,6-Tetrac...	0.371	0.337	0.365	0.384	0.384	0.407	0.388	0.377	5.84
60)	Diethylphthalate	1.480	1.365	1.431	1.454	1.413	1.492	1.398	1.433	3.17
61)	4-Chlorophenyl...	0.752	0.695	0.713	0.710	0.707	0.748	0.705	0.718	3.12
62)	4-Nitroaniline	0.218	0.235	0.292	0.320	0.317	0.334	0.319	0.291	15.79
63)	Azobenzene	1.554	1.458	1.511	1.525	1.485	1.587	1.475	1.514	3.03
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...		0.085	0.108	0.118	0.124	0.137	0.131	0.117	15.90
66) c	n-Nitrosodiphe...	0.586	0.563	0.586	0.596	0.611	0.656	0.618	0.602	4.97
67)	4-Bromophenyl-...	0.216	0.207	0.208	0.215	0.219	0.237	0.221	0.218	4.56
68)	Hexachlorobenzene	0.246	0.230	0.236	0.234	0.240	0.255	0.241	0.240	3.46
69)	Atrazine	0.179	0.184	0.196	0.202	0.201	0.209	0.196	0.195	5.36
70) C	Pentachlorophenol		0.102	0.128	0.143	0.147	0.158	0.150	0.138	14.58
71)	Phenanthrene	1.112	1.070	1.073	1.100	1.096	1.152	1.075	1.097	2.64
72)	Anthracene	1.025	0.997	1.039	1.060	1.060	1.127	1.044	1.050	3.82
73)	Carbazole	0.807	0.817	0.906	0.940	0.922	0.969	0.887	0.893	6.81
74)	Di-n-butylphth...	0.989	0.993	1.142	1.219	1.199	1.250	1.151	1.135	9.26
75) C	Fluoranthene	1.134	1.118	1.226	1.260	1.219	1.261	1.122	1.191	5.41
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.399	0.337	0.373	0.385	0.394	0.427	0.374	0.384	7.20
78)	Pyrene	1.407	1.303	1.340	1.351	1.390	1.509	1.456	1.394	5.11
79) S	Terphenyl-d14	1.087	1.007	1.021	1.035	1.061	1.145	1.097	1.065	4.55
80)	Butylbenzylpht...	0.465	0.459	0.536	0.573	0.587	0.627	0.596	0.549	11.90
81)	Benzo(a)anthra...	1.291	1.221	1.317	1.314	1.327	1.416	1.299	1.312	4.41
82)	3,3'-Dichlorob...	0.309	0.306	0.364	0.382	0.388	0.404	0.367	0.360	10.69
83)	Chrysene	1.305	1.233	1.281	1.285	1.286	1.360	1.259	1.287	3.09
84)	Bis(2-ethylhex...	0.607	0.657	0.763	0.832	0.836	0.889	0.833	0.774	13.53
85) c	Di-n-octyl pht...	1.005	1.072	1.281	1.389	1.407	1.486	1.386	1.289	14.15

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.404	1.337	1.435	1.467	1.484	1.592	1.487	1.458		5.44
88)	Benzo(b)fluora...	1.152	1.188	1.229	1.299	1.303	1.371	1.272	1.259		5.95
89)	Benzo(k)fluora...	1.278	1.148	1.296	1.259	1.301	1.369	1.285	1.276		5.19
90) C	Benzo(a)pyrene	0.958	0.937	1.034	1.066	1.084	1.140	1.073	1.042		6.92
91)	Dibenzo(a,h)an...	1.164	1.127	1.184	1.223	1.250	1.332	1.255	1.219		5.57
92)	Benzo(g,h,i)pe...	1.183	1.139	1.184	1.206	1.229	1.320	1.226	1.212		4.65

(#) = Out of Range