

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP100821.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Oct 08 15:35:55 2021
 Response Via : Initial Calibration

Calibration Files

5 =BP007368.D 10 =BP007369.D 20 =BP007370.D 40 =BP007371.D 50 =BP007372.D 60 =BP007373.D 80 =BP007374.D

Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.674	0.475	0.470	0.428	0.394	0.429	0.399	0.467	20.70
3) Pyridine	1.656	1.323	1.326	1.267	1.173	1.259	1.243	1.321	11.85
4) n-Nitrosodimet...	0.635	0.520	0.471	0.468	0.442	0.462	0.459	0.494	13.55
5) S 2-Fluorophenol	1.566	1.271	1.227	1.132	1.096	1.097	1.107	1.214	14.00
6) Aniline	2.020	1.938	1.892	1.817	1.758	1.772	1.457	1.808	9.99
7) S Phenol-d6	1.907	1.742	1.709	1.613	1.545	1.549	1.342	1.630	11.00
8) 2-Chlorophenol	1.559	1.412	1.350	1.281	1.230	1.240	1.124	1.314	10.80
9) Benzaldehyde	1.175	1.068	0.989	0.862	0.805	0.759		0.943	17.18
10) C Phenol	1.783	1.668	1.625	1.552	1.491	1.495	1.292	1.558	10.02
11) bis(2-Chloroet...	1.467	1.327	1.293	1.240	1.196	1.187	1.033	1.249	10.79
12) 1,3-Dichlorobe...	1.938	1.571	1.505	1.417	1.366	1.366	1.206	1.481	15.69
13) C 1,4-Dichlorobe...	1.786	1.607	1.520	1.435	1.388	1.387	1.291	1.488	11.18
14) 1,2-Dichlorobe...	1.797	1.594	1.276	1.409	1.348	1.348	1.312	1.440	13.07
15) Benzyl Alcohol	1.172	1.126	0.939	1.101	1.059	1.054	0.952	1.058	8.18
16) 2,2'-oxybis(1-...	1.727	1.626	1.306	1.447	1.372	1.386	1.196	1.437	12.76
17) 2-Methylphenol	1.279	1.159	0.939	1.091	1.043	1.048	0.970	1.076	10.73
18) Hexachloroethane	0.608	0.549	0.462	0.495	0.482	0.479	0.443	0.503	11.33
19) P n-Nitroso-di-n...	1.093	1.037	0.875	0.940	0.886	0.872	0.764	0.924	12.01
20) 3+4-Methylphenols	1.706	1.634	1.381	1.531	1.464	1.468	1.368	1.508	8.33
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.501	0.522	0.416	0.478	0.461	0.471	0.445	0.470	7.46
23) S Nitrobenzene-d5	0.344	0.370	0.320	0.342	0.333	0.339	0.328	0.340	4.65
24) Nitrobenzene	0.332	0.348	0.290	0.329	0.321	0.327	0.296	0.320	6.33
25) Isophorone	0.706	0.667	0.637	0.628	0.613	0.625	0.611	0.641	5.33
26) C 2-Nitrophenol	0.183	0.176	0.164	0.184	0.181	0.189	0.176	0.179	4.37
27) 2,4-Dimethylph...	0.299	0.281	0.241	0.271	0.263	0.269	0.236	0.266	8.27
28) bis(2-Chloroet...	0.494	0.460	0.443	0.424	0.406	0.412	0.375	0.430	9.12
29) C 2,4-Dichloroph...	0.344	0.326	0.324	0.319	0.311	0.324	0.289	0.320	5.26
30) 1,2,4-Trichlor...	0.409	0.373	0.359	0.348	0.339	0.350	0.343	0.360	6.74
31) Naphthalene	1.177	1.078	1.020	0.995	0.961	0.976	0.956	1.024	7.77
32) Benzoic acid	0.140	0.182	0.214	0.237	0.238	0.252	0.238	0.214	18.62
33) 4-Chloroaniline	0.458	0.448	0.371	0.431	0.420	0.427	0.411	0.424	6.70
34) C Hexachlorobuta...	0.243	0.230	0.166	0.214	0.210	0.217	0.223	0.215	11.25
35) Caprolactam		0.110	0.064	0.109	0.108	0.109	0.107	0.101	18.22
36) C 4-Chloro-3-met...	0.213	0.354	0.211	0.335	0.324	0.331	0.327	0.299	20.24
37) 2-Methylnaphth...	0.478	0.783	0.448	0.719	0.692	0.709	0.657	0.641	19.93
38) 1-Methylnaphth...	0.476	0.767	0.440	0.697	0.675	0.690	0.658	0.629	19.41

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.765	0.627	0.667	0.595	0.579	0.595	0.720	0.650	10.87
41) P	Hexachlorocycl...		0.107	0.189	0.205	0.216	0.237		0.191	26.24
42) S	2,4,6-Tribromo...	0.425	0.277	0.389	0.279	0.277	0.287	0.363	0.328	19.15
43) C	2,4,6-Trichlor...	0.476	0.427	0.449	0.421	0.411	0.424	0.505	0.445	7.74
44)	2,4,5-Trichlor...	0.515	0.463	0.480	0.456	0.442	0.456	0.558	0.481	8.56
45) S	2-Fluorobiphenyl	1.652	1.493	1.428	1.360	1.297	1.306	1.483	1.431	8.75
46)	1,1'-Biphenyl	1.661	1.569	1.454	1.431	1.375	1.400	1.620	1.502	7.57
47)	2-Chloronaphth...	1.304	1.210	1.129	1.115	1.076	1.095	1.271	1.171	7.71
48)	2-Nitroaniline	0.283	0.299	0.278	0.309	0.297	0.305	0.351	0.303	7.86
49)	Acenaphthylene	2.009	1.894	1.770	1.772	1.691	1.714	1.806	1.808	6.11
50)	Dimethylphthalate	1.771	1.595	1.541	1.451	1.388	1.409	1.633	1.541	8.92
51)	2,6-Dinitrotol...	0.354	0.317	0.325	0.309	0.301	0.306	0.334	0.321	5.86
52) C	Acenaphthene	1.234	1.129	1.062	1.057	1.002	1.024	0.964	1.067	8.44
53)	3-Nitroaniline	0.331	0.329	0.320	0.338	0.328	0.336	0.321	0.329	2.06
54) P	2,4-Dinitrophenol		0.134	0.182	0.186	0.192	0.204		0.180	14.98
55)	Dibenzofuran	2.126	1.920	1.832	1.759	1.678	1.692	1.960	1.853	8.72
56) P	4-Nitrophenol	0.217	0.233	0.245	0.265	0.261	0.267	0.317	0.258	12.41
57)	2,4-Dinitrotol...	0.466	0.412	0.447	0.422	0.410	0.419	0.497	0.439	7.44
58)	Fluorene	1.671	1.501	1.460	1.377	1.324	1.327	1.379	1.434	8.61
59)	2,3,4,6-Tetrac...	0.512	0.411	0.477	0.397	0.388	0.400	0.495	0.440	11.97
60)	Diethylphthalate	1.752	1.568	1.555	1.444	1.390	1.397	1.617	1.532	8.59
61)	4-Chlorophenyl...	0.980	0.805	0.842	0.740	0.713	0.725	0.788	0.799	11.56
62)	4-Nitroaniline	0.329	0.334	0.340	0.351	0.343	0.351	0.417	0.352	8.44
63)	Azobenzene	1.288	1.335	1.165	1.264	1.204	1.201	1.321	1.254	5.19
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.116	0.172	0.134	0.133	0.133	0.141	0.136	0.138	12.32
66) c	n-Nitrosodiphe...	0.655	0.933	0.576	0.591	0.561	0.577	0.546	0.634	21.46
67)	4-Bromophenyl-...	0.287	0.344	0.257	0.222	0.215	0.224		0.258	19.45
68)	Hexachlorobenzene	0.343	0.382	0.300	0.241	0.234	0.245	0.237	0.283	21.13
69)	Atrazine	0.256	0.331	0.232	0.214	0.204	0.207	0.190	0.233	20.64
70) C	Pentachlorophenol	0.153	0.191	0.162	0.143	0.142	0.149	0.150	0.156	10.89
71)	Phenanthrene	1.208	1.118	1.060	1.053	1.007	1.022	0.926	1.056	8.42
72)	Anthracene	1.183	1.094	1.550	1.042	1.003	1.016	0.925	1.116	18.61
73)	Carbazole	1.101	1.058	1.489	1.025	0.979	0.996	0.964	1.087	16.85
74)	Di-n-butylphth...	1.265	1.211	1.810	1.197	1.144	1.152	1.056	1.262	19.82
75) C	Fluoranthene	1.467	1.393	1.875	1.250	1.195	1.191	1.163	1.362	18.58
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.433	0.507	0.696	0.566	0.524	0.738	0.598	0.580	18.50
78)	Pyrene	1.520	1.269	1.274	1.271	1.235	1.491	1.581	1.377	10.62
79) S	Terphenyl-d14	1.294	1.148	1.147	1.048	1.005	1.015	1.282	1.134	10.56
80)	Butylbenzylpht...	0.590	0.503	0.510	0.553	0.536	0.498	0.535	0.532	6.09
81)	Benzo(a)anthra...	1.497	1.336	1.281	1.289	1.238	1.232	1.171	1.292	8.07
82)	3,3'-Dichlorob...	0.505	0.493	0.468	0.461	0.449	0.453	0.425	0.465	5.80
83)	Chrysene	1.390	1.279	1.206	1.212	1.172	1.161	1.093	1.216	7.84
84)	Bis(2-ethylhex...	0.861	0.738	0.714	0.793	0.762	0.678	0.637	0.740	10.04
85) c	Di-n-octyl pht...	1.430	1.265	1.162	1.376	1.321	1.189	1.096	1.263	9.56

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.462	1.472	1.234	1.348	1.265	1.234	1.567	1.369	9.71	
88)	Benzo(b)fluora...	1.903	1.264	1.272	1.222	1.169	1.184	1.101	1.302	20.83	
89)	Benzo(k)fluora...	1.906	1.251	1.216	1.178	1.201	1.155	1.117	1.289	21.36	
90) C	Benzo(a)pyrene	1.124	1.045	1.005	1.005	0.991	0.979	0.930	1.011	5.98	
91)	Dibenzo(a,h)an...	1.219	1.221	1.030	1.128	1.065	1.041	1.318	1.146	9.55	
92)	Benzo(g,h,i)pe...	1.162	1.185	0.968	1.066	0.976	0.966	1.182	1.072	9.65	

(#) = Out of Range