

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF062119.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Dec 03 04:47:00 2018
 Response Via : Initial Calibration

Calibration Files

10 =BF115076.D 20 =BF115077.D 40 =BF115078.D 50 =BF115079.D 60 =BF115080.D 80 =BF115081.D 100 =BF115082.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.667	0.601	0.626	0.601	0.608	0.595	0.584	0.612	4.51
3)	Pyridine	1.830	1.703	1.754	1.700	1.703	1.696	1.682	1.724	3.01
4)	n-Nitrosodimet...	0.724	0.660	0.686	0.665	0.674	0.667	0.655	0.676	3.50
5) S	2-Fluorophenol	1.515	1.357	1.341	1.265	1.242	1.212	1.140	1.296	9.39
6)	Aniline	2.518	2.255	2.251	2.141	2.088	2.000	1.880	2.162	9.53
7) S	Phenol-d6	1.882	1.663	1.631	1.540	1.509	1.441	1.345	1.573	11.05
8)	2-Chlorophenol	1.656	1.513	1.515	1.447	1.417	1.370	1.283	1.457	8.21
9)	Benzaldehyde	1.278	1.116	1.091	1.007	0.973	0.894	0.824	1.026	14.74
10) C	Phenol	2.170	1.960	1.903	1.770	1.781	1.705	1.611	1.843	10.06
11)	bis(2-Chloroet...	1.586	1.404	1.394	1.350	1.319	1.267	1.188	1.358	9.24
12)	1,3-Dichlorobe...	1.901	1.691	1.668	1.591	1.570	1.486	1.415	1.617	9.76
13) C	1,4-Dichlorobe...	1.896	1.702	1.689	1.602	1.567	1.493	1.404	1.622	9.86
14)	1,2-Dichlorobe...	1.800	1.615	1.574	1.493	1.443	1.345	1.245	1.502	12.19
15)	Benzyl Alcohol	1.385	1.230	1.211	1.136	1.099	1.027	0.931	1.145	12.91
16)	2,2'-oxybis(1-...	2.291	2.020	2.022	1.945	1.903	1.853	1.755	1.970	8.62
17)	2-Methylphenol	1.338	1.215	1.230	1.182	1.181	1.153	1.121	1.203	5.80
18)	Hexachloroethane	0.662	0.593	0.604	0.583	0.570	0.557	0.524	0.585	7.34
19) P	n-Nitroso-di-n...	1.173	1.018	1.026	0.982	0.976	0.957	0.919	1.007	8.11
20)	3+4-Methylphenols	1.749	1.508	1.435	1.344	1.299	1.231	1.157	1.389	14.26
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.553	0.487	0.472	0.445	0.434	0.416	0.398	0.458	11.36
23) S	Nitrobenzene-d5	0.358	0.329	0.336	0.325	0.319	0.308	0.301	0.325	5.74
24)	Nitrobenzene	0.399	0.361	0.370	0.361	0.350	0.338	0.328	0.358	6.41
25)	Isophorone	0.751	0.666	0.676	0.655	0.649	0.637	0.628	0.666	6.11
26) C	2-Nitrophenol	0.163	0.164	0.184	0.182	0.185	0.182	0.179	0.177	5.41
27)	2,4-Dimethylph...	0.327	0.296	0.299	0.285	0.282	0.271	0.266	0.290	7.10
28)	bis(2-Chloroet...	0.483	0.433	0.436	0.416	0.408	0.394	0.376	0.421	8.22
29) C	2,4-Dichloroph...	0.330	0.302	0.310	0.298	0.295	0.284	0.274	0.299	6.05
30)	1,2,4-Trichlor...	0.371	0.342	0.345	0.329	0.320	0.308	0.295	0.330	7.68
31)	Naphthalene	1.212	1.071	1.029	0.966	0.935	0.854	0.805	0.982	13.99
32)	Benzoic acid	0.175	0.187	0.182	0.193	0.229	0.238	0.243	0.207	13.95
33)	4-Chloroaniline	0.507	0.456	0.465	0.445	0.435	0.421	0.412	0.449	7.11
34) C	Hexachlorobuta...	0.210	0.190	0.189	0.180	0.176	0.165	0.156	0.181	9.72
35)	Caprolactam	0.102	0.097	0.101	0.099	0.099	0.099	0.106	0.100	2.91
36) C	4-Chloro-3-met...	0.337	0.306	0.314	0.297	0.298	0.289	0.278	0.303	6.23
37)	2-Methylnaphth...	0.811	0.713	0.691	0.653	0.630	0.583	0.553	0.662	13.08
38)	1-Methylnaphth...	0.772	0.677	0.664	0.623	0.607	0.560	0.523	0.632	12.98

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.683	0.608	0.599	0.557	0.539	0.502	0.469	0.565	12.72	
41) P	Hexachlorocycl...	0.378	0.353	0.349	0.339	0.324	0.308	0.294	0.335	8.54	
42) S	2,4,6-Tribromo...	0.240	0.221	0.221	0.211	0.203	0.195	0.186	0.211	8.68	
43) C	2,4,6-Trichlor...	0.472	0.433	0.459	0.437	0.429	0.417	0.408	0.436	5.17	
44)	2,4,5-Trichlor...	0.489	0.452	0.460	0.452	0.444	0.436	0.411	0.449	5.24	
45) S	2-Fluorobiphenyl	1.408	1.256	1.157	1.093	0.974		1.177		13.95	
46)	1,1'-Biphenyl	1.965	1.707	1.647	1.505	1.440	1.337	1.600		13.98	
47)	2-Chloronaphth...	1.551	1.395	1.370	1.273	1.246	1.161	1.089	1.298	11.95	
48)	2-Nitroaniline	0.370	0.370	0.397	0.386	0.381	0.379	0.366	0.378	2.90	
49)	Acenaphthylene	2.483	2.230	2.139	1.986	1.911	1.764	1.646	2.022	14.14	
50)	Dimethylphthalate	1.734	1.553	1.552	1.431	1.408	1.335	1.287	1.471	10.41	
51)	2,6-Dinitrotol...	0.342	0.335	0.353	0.345	0.335	0.335	0.332	0.340	2.23	
52) C	Acenaphthene	1.515	1.354	1.336	1.242	1.199	1.135	1.077	1.266	11.75	
53)	3-Nitroaniline	0.432	0.411	0.433	0.421	0.414	0.400	0.391	0.415	3.79	
54) P	2,4-Dinitrophenol	0.100	0.118	0.152	0.157	0.165	0.176	0.181	0.150	20.19	
55)	Dibenzofuran	2.175	1.941	1.869	1.727	1.652	1.535	1.816		12.58	
56) P	4-Nitrophenol	0.325	0.319	0.354	0.333	0.340	0.327	0.328	0.332	3.45	
57)	2,4-Dinitrotol...	0.428	0.427	0.463	0.451	0.450	0.434	0.417	0.439	3.76	
58)	Fluorene	1.679	1.447	1.309	1.191	1.134		1.352		16.19	
59)	2,3,4,6-Tetrac...	0.421	0.378	0.395	0.377	0.370	0.353	0.344	0.377	6.82	
60)	Diethylphthalate	1.723	1.542	1.539	1.469	1.435	1.355	1.292	1.479	9.53	
61)	4-Chlorophenyl...	0.808	0.687	0.627	0.565	0.537		0.645		16.75	
62)	4-Nitroaniline	0.413	0.401	0.434	0.417	0.422	0.411	0.413	0.416	2.45	
63)	Azobenzene	1.672	1.477	1.448	1.360	1.306	1.238	1.170	1.382	12.17	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.071	0.082	0.104	0.108	0.108	0.113	0.112	0.100	16.51	
66) c	n-Nitrosodiphe...	0.744	0.665	0.653	0.614	0.593	0.570	0.523	0.623	11.53	
67)	4-Bromophenyl-...	0.248	0.227	0.226	0.219	0.208	0.201	0.190	0.217	8.87	
68)	Hexachlorobenzene	0.275	0.249	0.244	0.234	0.225	0.217	0.204	0.235	9.90	
69)	Atrazine	0.229	0.208	0.210	0.200	0.191	0.189	0.177	0.200	8.45	
70) C	Pentachlorophenol	0.155	0.149	0.159	0.154	0.149	0.145	0.139	0.150	4.59	
71)	Phenanthrene	1.315	1.166	1.086	1.022	0.971	0.901	1.077		13.77	
72)	Anthracene	1.319	1.163	1.112	1.024	0.990	0.913	1.087		13.28	
73)	Carbazole	1.180	1.059	1.019	0.943	0.918	0.862	0.813	0.971	12.89	
74)	Di-n-butylphth...	1.380	1.244	1.181	1.093	1.049	1.000	0.903	1.122	14.27	
75) C	Fluoranthene	1.324	1.188	1.131	1.046	1.004	0.957	0.871	1.074	14.17	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	1.062	0.943	0.920	0.887	0.836	0.832	0.738	0.888	11.51	
78)	Pyrene	1.775	1.555	1.569	1.492	1.484	1.438	1.447	1.537	7.54	
79) S	Terphenyl-d14	1.206	1.031	0.967	0.878	0.867	0.808	0.828	0.941	14.97	
80)	Butylbenzylpht...	0.678	0.660	0.692	0.669	0.674	0.680	0.695	0.678	1.82	
81)	Benzo(a)anthra...	1.568	1.434	1.476	1.404	1.402	1.379	1.382	1.435	4.71	
82)	3,3'-Dichlorob...	0.559	0.523	0.546	0.514	0.507	0.494	0.484	0.518	5.17	
83)	Chrysene	1.526	1.361	1.349	1.271	1.264	1.210	1.221	1.315	8.33	
84)	Bis(2-ethylhex...	0.980	0.898	0.907	0.868	0.867	0.852	0.850	0.889	5.14	
85) c	Di-n-octyl pht...	1.602	1.500	1.539	1.485	1.451	1.438	1.438	1.493	4.06	
86)	Indeno(1,2,3-c...	1.581	1.507	1.633	1.487	1.519	1.576	1.585	1.556	3.36	

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87) I	Perylene-d12									
88)	Benzo(b)fluora...	1.344	1.301	1.327	1.223	1.173	1.162	1.205	1.248	6.02
89)	Benzo(k)fluora...	1.357	1.158	1.077	1.074	1.085	0.963		1.119	11.82
90) C	Benzo(a)pyrene	1.266	1.178	1.175	1.106	1.096	1.050	1.002	1.125	7.89
91)	Dibenzo(a,h)an...	1.212	1.131	1.133	1.012	1.007	0.960	0.896	1.050	10.64
92)	Benzo(g,h,i)pe...	1.203	1.115	1.158	1.023	1.022	0.993	0.925	1.063	9.29

(#) = Out of Range