

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF071219.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 =BF115518.D 20 =BF115519.D 40 =BF115520.D 50 =BF115521.D 60 =BF115522.D 80 =BF115523.D 100 =BF115524.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.683	0.618	0.589	0.609	0.593	0.594	0.583	0.610	5.62
3)	Pyridine	1.790	1.635	1.577	1.662	1.655	1.641	1.624	1.655	3.97
4)	n-Nitrosodimet...	0.623	0.590	0.582	0.604	0.593	0.603	0.606	0.600	2.19
5) S	2-Fluorophenol	1.470	1.309	1.191	1.219	1.165	1.122	1.082	1.223	10.71
6)	Aniline	2.504	2.259	2.102	2.187	2.131	2.010	1.921	2.159	8.73
7) S	Phenol-d6	1.861	1.647	1.507	1.554	1.495	1.433	1.363	1.551	10.51
8)	2-Chlorophenol	1.665	1.493	1.378	1.420	1.363	1.292	1.230	1.406	10.13
9)	Benzaldehyde	1.254	1.077	0.874	0.847	0.796			0.970	19.75
10) C	Phenol	2.034	1.947	1.765	1.822	1.760	1.661	1.618	1.801	8.23
11)	bis(2-Chloroet...	1.593	1.427	1.325	1.366	1.330	1.295	1.263	1.371	8.08
12)	1,3-Dichlorobe...	1.901	1.682	1.544	1.574	1.510	1.457	1.397	1.581	10.58
13) C	1,4-Dichlorobe...	1.897	1.676	1.543	1.594	1.520	1.440	1.369	1.577	10.95
14)	1,2-Dichlorobe...	1.800	1.599	1.422	1.435	1.380	1.271	1.182	1.442	14.27
15)	Benzyl Alcohol	1.426	1.309	1.207	1.270	1.221	1.135	1.047	1.231	9.90
16)	2,2'-oxybis(1-...	2.109	1.885	1.775	1.820	1.765	1.689	1.595	1.805	9.02
17)	2-Methylphenol	1.344	1.246	1.170	1.236	1.187	1.162	1.136	1.211	5.83
18)	Hexachloroethane	0.680	0.607	0.574	0.590	0.573	0.550	0.523	0.585	8.48
19) P	n-Nitroso-di-n...	1.193	1.049	0.968	1.007	0.981	0.952	0.933	1.012	8.72
20)	3+4-Methylphenols	1.776	1.570	1.368	1.383	1.322	1.215		1.439	14.00
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.553	0.486	0.445	0.446	0.435	0.409	0.388	0.452	12.03
23) S	Nitrobenzene-d5	0.389	0.353	0.339	0.345	0.339	0.328	0.315	0.344	6.77
24)	Nitrobenzene	0.428	0.383	0.363	0.375	0.369	0.349	0.329	0.371	8.37
25)	Isophorone	0.782	0.696	0.661	0.684	0.674	0.663	0.658	0.688	6.32
26) C	2-Nitrophenol	0.197	0.191	0.189	0.196	0.193	0.187	0.184	0.191	2.48
27)	2,4-Dimethylph...	0.311	0.286	0.284	0.290	0.285	0.278	0.265	0.286	4.76
28)	bis(2-Chloroet...	0.492	0.440	0.417	0.422	0.414	0.395	0.375	0.422	8.79
29) C	2,4-Dichloroph...	0.338	0.310	0.294	0.301	0.294	0.279	0.264	0.297	7.85
30)	1,2,4-Trichlor...	0.391	0.355	0.334	0.337	0.329	0.312	0.294	0.336	9.26
31)	Naphthalene	1.202	1.063	0.968	0.957	0.933	0.864	0.792	0.969	13.80
32)	Benzoic acid	0.224	0.220	0.196	0.248	0.250	0.253	0.250	0.234	9.20
33)	4-Chloroaniline	0.506	0.453	0.417	0.427	0.419	0.390	0.391	0.429	9.41
34) C	Hexachlorobuta...	0.227	0.203	0.191	0.192	0.188	0.179	0.168	0.193	9.71
35)	Caprolactam	0.105	0.094	0.088	0.092	0.094	0.088	0.081	0.092	8.10
36) C	4-Chloro-3-met...	0.360	0.320	0.299	0.303	0.305	0.289	0.282	0.308	8.37
37)	2-Methylnaphth...	0.805	0.702	0.629	0.632	0.620	0.573	0.533	0.642	13.83
38)	1-Methylnaphth...	0.769	0.671	0.597	0.604	0.586	0.543	0.499	0.610	14.45

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.721	0.652	0.594	0.608	0.587	0.544	0.510	0.602	11.51	
41) P	Hexachlorocycl...	0.349	0.351	0.347	0.355	0.342	0.336	0.324	0.344	3.10	
42) S	2,4,6-Tribromo...	0.287	0.253	0.224	0.230	0.225	0.212	0.203	0.233	12.16	
43) C	2,4,6-Trichlor...	0.488	0.458	0.430	0.451	0.425	0.418	0.412	0.440	6.10	
44)	2,4,5-Trichlor...	0.509	0.467	0.447	0.449	0.451	0.429	0.405	0.451	7.12	
45) S	2-Fluorobiphenyl	1.415	1.181	1.180	1.128	1.006	0.946	1.143	14.36		
46)	1,1'-Biphenyl	1.973	1.740	1.540	1.553	1.500	1.368	1.271	1.564	14.95	
47)	2-Chloronaphth...	1.555	1.422	1.288	1.299	1.264	1.187	1.098	1.302	11.52	
48)	2-Nitroaniline	0.434	0.411	0.388	0.406	0.404	0.392	0.386	0.403	4.18	
49)	Acenaphthylene	2.424	2.145	1.893	1.905	1.857	1.700	1.578	1.929	14.58	
50)	Dimethylphthalate	1.820	1.595	1.444	1.469	1.448	1.383	1.374	1.505	10.42	
51)	2,6-Dinitrotol...	0.381	0.351	0.334	0.340	0.341	0.326	0.321	0.342	5.78	
52) C	Acenaphthene	1.509	1.367	1.215	1.234	1.205	1.124	1.064	1.245	12.03	
53)	3-Nitroaniline	0.436	0.397	0.382	0.392	0.384	0.376	0.369	0.391	5.60	
54) P	2,4-Dinitrophenol	0.131	0.158	0.175	0.184	0.191	0.192	0.198	0.176	13.49	
55)	Dibenzofuran	2.176	1.929	1.668	1.696	1.653	1.490	1.769	13.80		
56) P	4-Nitrophenol	0.324	0.301	0.291	0.300	0.298	0.291	0.280	0.298	4.59	
57)	2,4-Dinitrotol...	0.495	0.458	0.432	0.451	0.445	0.420	0.401	0.443	6.74	
58)	Fluorene	1.692	1.424	1.232	1.231	1.177	1.081	1.015	1.264	18.11	
59)	2,3,4,6-Tetrac...	0.452	0.403	0.368	0.377	0.368	0.346	0.326	0.377	10.86	
60)	Diethylphthalate	1.743	1.521	1.365	1.391	1.368	1.263	1.217	1.410	12.50	
61)	4-Chlorophenyl...	0.863	0.742	0.640	0.642	0.619	0.701	14.56			
62)	4-Nitroaniline	0.419	0.380	0.365	0.378	0.373	0.356	0.353	0.375	5.90	
63)	Azobenzene	1.684	1.493	1.330	1.367	1.325	1.215	1.159	1.368	12.88	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.104	0.113	0.122	0.129	0.130	0.128	0.129	0.122	8.26	
66) c	n-Nitrosodiphe...	0.739	0.673	0.614	0.617	0.604	0.574	0.535	0.622	10.71	
67)	4-Bromophenyl-...	0.266	0.244	0.228	0.227	0.223	0.211	0.201	0.229	9.27	
68)	Hexachlorobenzene	0.306	0.274	0.256	0.262	0.256	0.242	0.231	0.261	9.25	
69)	Atrazine	0.245	0.220	0.191	0.186	0.179	0.204	13.61			
70) C	Pentachlorophenol	0.171	0.167	0.161	0.165	0.159	0.151	0.143	0.160	6.10	
71)	Phenanthrene	1.300	1.142	1.009	0.997	0.984	0.895	0.849	1.025	14.91	
72)	Anthracene	1.316	1.143	1.018	0.998	0.982	0.901	1.059	13.95		
73)	Carbazole	1.155	1.034	0.911	0.916	0.894	0.811	0.782	0.929	13.85	
74)	Di-n-butylphth...	1.437	1.242	1.094	1.079	1.049	0.966	1.144	14.78		
75) C	Fluoranthene	1.367	1.173	1.036	1.015	0.990	0.919	1.083	14.94		
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.874	0.805	0.696	0.627	0.539	0.709	18.96			
78)	Pyrene	1.846	1.715	1.663	1.668	1.653	1.698	1.618	1.694	4.36	
79) S	Terphenyl-d14	1.317	1.152	1.046	1.056	1.046	1.007	0.964	1.084	10.85	
80)	Butylbenzylphth...	0.771	0.712	0.712	0.731	0.719	0.716	0.695	0.722	3.33	
81)	Benzo(a)anthra...	1.571	1.403	1.286	1.295	1.273	1.234	1.161	1.318	10.10	
82)	3,3'-Dichlorob...	0.564	0.516	0.476	0.469	0.455	0.422	0.378	0.468	12.87	
83)	Chrysene	1.570	1.365	1.298	1.310	1.288	1.255	1.174	1.323	9.34	
84)	Bis(2-ethylhex...	1.021	0.937	0.887	0.901	0.860	0.854	0.804	0.895	7.75	
85) c	Di-n-octyl pht...	1.604	1.489	1.405	1.430	1.390	1.361	1.288	1.424	7.06	
86)	Indeno(1,2,3-c...	1.192	1.007	1.055	1.083	1.077	1.187	1.266	1.124	8.22	

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87) I	Perylene-d12										
88)	Benzo(b)fluora...	1.404	1.407	1.194	1.237	1.341	1.225	1.208	1.288	7.25	
89)	Benzo(k)fluora...	1.363	1.189	1.166	1.223	1.081	1.064	0.952	1.148	11.48	
90) C	Benzo(a)pyrene	1.234	1.136	1.083	1.116	1.101	1.063	1.016	1.107	6.16	
91)	Dibenzo(a,h)an...	0.995	0.919	0.957	0.990	0.978	0.998	0.966	0.972	2.84	
92)	Benzo(g,h,i)pe...	0.938	0.872	0.946	0.992	0.978	1.030	1.028	0.969	5.78	

(#) = Out of Range