

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF071317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Jul 13 14:49:34 2017
 Response Via : Initial Calibration

Calibration Files

2.5 =BF096719.D 10 =BF096720.D 25 =BF096721.D 40 =BF096722.D 50 =BF096723.D 60 =BF096724.D 80 =BF096725.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.779	0.647	0.684	0.723	0.671	0.635	0.653	0.684	7.41
3)	Pyridine	1.294	1.239	1.439	1.670	1.547	1.407	1.472	1.438	10.15
4)	n-Nitrosodimet...	0.760	0.735	0.826	0.876	0.855	0.765	0.815	0.804	6.53
5) S	2-Fluorophenol	1.545	1.288	1.388	1.420	1.298	1.195	1.177	1.330	9.80
6)	Aniline	2.256	2.067	2.060	1.889	1.911	1.795	1.785	1.966	8.66
7) S	Phenol-d6	1.925	1.689	1.605	1.535	1.554	1.455	1.410	1.596	10.77
8)	2-Chlorophenol	1.519	1.538	1.538	1.404	1.423	1.333	1.290	1.435	7.02
9)	Benzaldehyde	1.124	0.984	0.960	0.978	0.867	0.807	0.740	0.923	13.89
10) C	Phenol	2.237	1.900	1.849	1.703	1.725	1.620	1.596	1.804	12.22
11)	bis(2-Chloroet...	1.494	1.408	1.387	1.301	1.326	1.319	1.264	1.357	5.74
12)	1,3-Dichlorobe...	1.673	1.589	1.588	1.509	1.511	1.429	1.380	1.525	6.58
13) C	1,4-Dichlorobe...	1.662	1.676	1.574	1.519	1.547	1.438	1.397	1.545	6.78
14)	1,2-Dichlorobe...	1.618	1.456	1.503	1.407	1.396	1.269	1.185	1.405	10.24
15)	Benzyl Alcohol	1.122	1.107	1.112	1.046	1.041	0.970	0.917	1.045	7.44
16)	2,2'-oxybis(1-...	3.287	2.835	2.642	2.671	2.779	2.757	2.632	2.800	8.12
17)	2-Methylphenol	1.278	1.166	1.049	1.080	1.103	1.081	1.054	1.116	7.30
18)	Hexachloroethane	0.631	0.573	0.521	0.531	0.551	0.518	0.508	0.548	7.84
19) P	n-Nitroso-di-n...	1.145	1.007	0.889	0.910	0.936	0.920	0.925	0.962	9.22
20)	3+4-Methylphenols	1.683	1.493	1.327	1.296	1.301	1.206	1.171	1.354	13.14
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.540	0.518	0.405	0.429	0.423	0.402	0.411	0.447	12.83
23) S	Nitrobenzene-d5	0.355	0.349	0.298	0.320	0.320	0.311	0.308	0.323	6.63
24)	Nitrobenzene	0.394	0.337	0.309	0.325	0.334	0.321	0.317	0.334	8.46
25)	Isophorone	0.683	0.607	0.546	0.583	0.587	0.591	0.608	0.601	6.99
26) C	2-Nitrophenol	0.197	0.186	0.178	0.189	0.187	0.181	0.182	0.186	3.42
27)	2,4-Dimethylph...	0.340	0.308	0.307	0.302	0.301	0.287	0.293	0.305	5.57
28)	bis(2-Chloroet...	0.467	0.414	0.408	0.390	0.395	0.383	0.384	0.406	7.28
29) C	2,4-Dichloroph...	0.311	0.289	0.278	0.275	0.274	0.253	0.255	0.277	7.19
30)	1,2,4-Trichlor...	0.302	0.275	0.265	0.262	0.259	0.241	0.237	0.263	8.29
31)	Naphthalene	1.059	1.020	0.967	0.941	0.935	0.869	0.842	0.947	8.12
32)	Benzoic acid	0.154	0.179	0.211	0.192	0.197	0.214	0.220	0.195	11.83
33)	4-Chloroaniline	0.393	0.405	0.376	0.377	0.383	0.353	0.341	0.375	5.85
34) C	Hexachlorobuta...	0.161	0.151	0.141	0.141	0.137	0.129	0.123	0.140	9.25
35)	Caprolactam	0.090	0.091	0.086	0.085	0.084	0.086	0.099	0.089	5.93
36) C	4-Chloro-3-met...	0.332	0.311	0.293	0.295	0.292	0.275	0.284	0.297	6.29
37)	2-Methylnaphth...	0.673	0.665	0.609	0.603	0.600	0.545	0.533	0.604	8.81

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38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.609	0.584	0.538	0.550	0.544	0.489	0.470	0.541	9.07
40) P	Hexachlorocycl...		0.128	0.159	0.191	0.201	0.196	0.203	0.180	16.78
41) S	2,4,6-Tribromo...	0.192	0.190	0.170	0.177	0.169	0.153	0.145	0.171	10.27
42) C	2,4,6-Trichlor...	0.412	0.429	0.392	0.413	0.407	0.371	0.368	0.399	5.71
43)	2,4,5-Trichlor...	0.422	0.423	0.398	0.406	0.414	0.381	0.372	0.402	4.89
44) S	2-Fluorobiphenyl	1.546	1.450	1.277	1.268	1.231	1.075	1.014	1.266	14.90
45)	1,1'-Biphenyl	1.937	1.911	1.711	1.739	1.722	1.534	1.453	1.715	10.37
46)	2-Chloronaphth...	1.371	1.379	1.252	1.291	1.281	1.160	1.106	1.263	8.02
47)	2-Nitroaniline	0.407	0.443	0.445	0.433	0.439	0.440	0.433	0.434	2.96
48)	Acenaphthylene	2.189	2.171	2.187	2.022	1.989	1.831	1.698	2.012	9.50
49)	Dimethylphthalate	1.621	1.590	1.527	1.499	1.488	1.414	1.404	1.506	5.42
50)	2,6-Dinitrotol...	0.318	0.342	0.332	0.334	0.326	0.319	0.312	0.326	3.24
51) C	Acenaphthene	1.402	1.318	1.219	1.165	1.155	1.059	1.004	1.189	11.68
52)	3-Nitroaniline	0.393	0.390	0.394	0.385	0.390	0.378	0.374	0.386	1.94
53) P	2,4-Dinitrophenol		0.089	0.123	0.139	0.152	0.156	0.164	0.137	20.01
54)	Dibenzofuran	2.012	1.847	1.726	1.661	1.624	1.457	1.335	1.666	13.67
55) P	4-Nitrophenol	0.270	0.280	0.283	0.282	0.286	0.290	0.284	0.282	2.26
56)	2,4-Dinitrotol...	0.451	0.452	0.445	0.422	0.426	0.385	0.354	0.419	8.87
57)	Fluorene		1.484	1.327	1.264	1.224	1.070	1.017	1.231	13.87
58)	2,3,4,6-Tetrac...	0.286	0.299	0.281	0.290	0.281	0.261	0.253	0.279	5.75
59)	Diethylphthalate	1.780	1.574	1.466	1.432	1.417	1.330	1.262	1.466	11.62
60)	4-Chlorophenyl...		0.640	0.567	0.534	0.511	0.444	0.409	0.518	16.14
61)	4-Nitroaniline	0.381	0.373	0.361	0.364	0.357	0.357	0.348	0.363	3.09
62)	Azobenzene	1.333	1.350	1.398	1.263	1.287	1.232	1.191	1.293	5.56
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.102	0.138	0.126	0.126	0.130	0.131	0.126	9.99
65) c	n-Nitrosodiphe...	0.822	0.757	0.776	0.700	0.686	0.637	0.626	0.715	10.23
66)	4-Bromophenyl-...	0.237	0.220	0.207	0.202	0.197	0.187	0.181	0.204	9.49
67)	Hexachlorobenzene	0.257	0.241	0.240	0.226	0.224	0.209	0.195	0.227	9.26
68)	Atrazine	0.212	0.221	0.211	0.202	0.201	0.192	0.186	0.204	5.95
69) C	Pentachlorophenol	0.084	0.101	0.114	0.119	0.119	0.118	0.113	0.110	11.67
70)	Phenanthrene	1.295	1.196	1.137	1.059	1.057	0.955	0.914	1.087	12.26
71)	Anthracene	1.263	1.227	1.159	1.087	1.076	0.988	0.895	1.100	11.84
72)	Carbazole	1.241	1.162	1.096	1.039	1.040	0.973	0.902	1.065	10.68
73)	Di-n-butylphth...	1.419	1.459	1.406	1.315	1.334	1.215	1.134	1.326	8.83
74) C	Fluoranthene	1.215	1.137	1.136	0.990	0.997	0.929	0.883	1.041	11.80
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine		0.534	0.599	0.672	0.668	0.713	0.745	0.655	11.72
77)	Pyrene	1.936	1.636	1.691	1.836	1.794	1.870	1.942	1.815	6.44
78) S	Terphenyl-d14	1.388	1.128	1.130	1.150	1.088	1.086	1.104	1.153	9.19
79)	Butylbenzylphth...	0.391	0.405	0.416	0.430	0.430	0.467	0.480	0.431	7.42
80)	Benzo(a)anthra...	1.229	1.225	1.207	1.262	1.270	1.258	1.273	1.246	2.06
81)	3,3'-Dichlorob...	0.418	0.409	0.415	0.468	0.472	0.473	0.483	0.448	7.23
82)	Chrysene	1.211	1.149	1.185	1.235	1.230	1.263	1.315	1.227	4.37

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83)	Bis(2-ethylhex...	0.998	1.011	1.034	1.073	1.051	1.088	1.097	1.050	3.61
84) c	Di-n-octyl pht...	1.495	1.593	1.688	1.713	1.801	1.907	1.956	1.736	9.50
85)	Indeno(1,2,3-c...		0.863	0.962	1.161	1.285	1.130	1.280	1.113	15.29
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.190	1.240	1.365	1.187	1.112	1.220	1.129	1.206	6.94
88)	Benzo(k)fluora...	1.188	1.284	1.215	1.143	1.117	1.023	1.025	1.142	8.47
89) C	Benzo(a)pyrene	1.183	1.136	1.124	1.124	1.086	1.062	1.029	1.106	4.62
90)	Dibenzo(a,h)an...	1.085	1.002	1.034	1.047	1.068	0.961	0.929	1.018	5.59
91)	Benzo(g,h,i)pe...	1.134	0.977	1.135	1.134	1.149	1.041	1.061	1.090	5.97

(#) = Out of Range