

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF101819.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 =BF117440.D 20 =BF117441.D 40 =BF117442.D 50 =BF117443.D 60 =BF117444.D 80 =BF117445.D 100 =BF117446.D

Compound		10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.562	0.586	0.603	0.566	0.532	0.559	0.549	0.565	4.11
3)	Pyridine	1.114	1.494	1.439	1.404	1.392	1.414	1.428	1.384	8.91
4)	n-Nitrosodimet...	0.401	0.497	0.528	0.531	0.502	0.534	0.521	0.502	9.32
5) S	2-Fluorophenol	1.306	1.340	1.426	1.361	1.314	1.341	1.321	1.344	3.04
6)	Aniline	2.100	2.214	2.269	2.164	2.046	2.062	1.983	2.120	4.76
7) S	Phenol-d6	1.845	1.862	1.916	1.828	1.730	1.748	1.711	1.806	4.25
8)	2-Chlorophenol	1.441	1.446	1.513	1.439	1.348	1.385	1.359	1.419	4.09
9)	Benzaldehyde	1.081	1.038	0.951	0.830	0.747	0.670	0.619	0.848	21.30
10) C	Phenol	1.803	1.889	1.945	1.868	1.790	1.822	1.783	1.843	3.26
11)	bis(2-Chloroet...	1.287	1.380	1.415	1.435	1.307	1.388	1.331	1.363	4.09
12)	1,3-Dichlorobe...	1.607	1.586	1.665	1.611	1.524	1.555	1.534	1.583	3.13
13) C	1,4-Dichlorobe...	1.563	1.676	1.723	1.648	1.536	1.554	1.542	1.606	4.68
14)	1,2-Dichlorobe...	1.557	1.564	1.610	1.528	1.447	1.447	1.443	1.514	4.49
15)	Benzyl Alcohol	1.230	1.331	1.378	1.328	1.259	1.264	1.241	1.290	4.30
16)	2,2'-oxybis(1-...	1.519	1.505	1.521	1.484	1.399	1.433	1.431	1.470	3.33
17)	2-Methylphenol	1.206	1.180	1.250	1.175	1.108	1.133	1.116	1.167	4.42
18)	Hexachloroethane	0.632	0.639	0.668	0.628	0.596	0.618	0.607	0.627	3.77
19) P	n-Nitroso-di-n...	1.119	1.139	1.153	1.118	1.051	1.075	1.063	1.103	3.58
20)	3+4-Methylphenols	1.555	1.592	1.629	1.577	1.450	1.463	1.444	1.530	4.98
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.533	0.545	0.559	0.534	0.509	0.522	0.515	0.531	3.30
23) S	Nitrobenzene-d5	0.413	0.410	0.424	0.405	0.390	0.400	0.394	0.405	2.86
24)	Nitrobenzene	0.388	0.385	0.418	0.392	0.373	0.381	0.378	0.388	3.81
25)	Isophorone	0.735	0.706	0.722	0.697	0.676	0.685	0.685	0.701	3.07
26) C	2-Nitrophenol	0.165	0.173	0.181	0.174	0.170	0.176	0.173	0.173	2.90
27)	2,4-Dimethylph...	0.265	0.260	0.270	0.258	0.249	0.254	0.254	0.259	2.80
28)	bis(2-Chloroet...	0.443	0.438	0.454	0.431	0.420	0.422	0.418	0.432	3.13
29) C	2,4-Dichloroph...	0.270	0.277	0.283	0.274	0.265	0.270	0.261	0.271	2.73
30)	1,2,4-Trichlor...	0.300	0.292	0.309	0.292	0.278	0.287	0.280	0.291	3.73
31)	Naphthalene	1.039	1.019	1.031	0.992	0.947	0.960	0.951	0.991	3.94
32)	Benzoic acid	0.137	0.162	0.168	0.189	0.188	0.195	0.201	0.177	12.66
33)	4-Chloroaniline	0.445	0.429	0.433	0.413	0.402	0.407	0.400	0.418	4.13
34) C	Hexachlorobuta...	0.172	0.171	0.176	0.172	0.163	0.163	0.162	0.168	3.30
35)	Caprolactam	0.089	0.090	0.090	0.089	0.086	0.085	0.082	0.087	3.66
36) C	4-Chloro-3-met...	0.327	0.308	0.315	0.313	0.303	0.298	0.301	0.309	3.24
37)	2-Methylnaphth...	0.703	0.685	0.696	0.659	0.652	0.643	0.639	0.668	3.91
38)	1-Methylnaphth...	0.664	0.645	0.658	0.630	0.606	0.605	0.586	0.628	4.72

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\										
Method File : 8270-BF101819.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.532	0.552	0.578	0.546	0.522	0.524	0.518	0.539	3.96
41) P	Hexachlorocycl...	0.017	0.046	0.106	0.115	0.126	0.149	0.162	0.103	51.72
42) S	2,4,6-Tribromo...	0.175	0.179	0.181	0.175	0.171	0.167	0.164	0.173	3.65
43) C	2,4,6-Trichlor...	0.337	0.339	0.364	0.339	0.327	0.327	0.329	0.337	3.79
44)	2,4,5-Trichlor...	0.339	0.349	0.368	0.338	0.334	0.334	0.330	0.342	3.74
45) S	2-Fluorobiphenyl	1.489	1.491	1.508	1.400	1.371	1.337	1.340	1.419	5.28
46)	1,1'-Biphenyl	1.712	1.707	1.767	1.637	1.615	1.568	1.583	1.656	4.49
47)	2-Chloronaphth...	1.297	1.264	1.324	1.242	1.205	1.205	1.202	1.248	3.91
48)	2-Nitroaniline	0.411	0.405	0.436	0.409	0.403	0.395	0.411	0.410	3.10
49)	Acenaphthylene	1.925	1.871	1.977	1.803	1.766	1.760	1.734	1.834	5.03
50)	Dimethylphthalate	1.486	1.458	1.501	1.407	1.379	1.368	1.380	1.426	3.88
51)	2,6-Dinitrotol...	0.295	0.298	0.320	0.295	0.293	0.290	0.293	0.298	3.36
52) C	Acenaphthene	1.195	1.143	1.188	1.102	1.096	1.067	1.084	1.125	4.53
53)	3-Nitroaniline	0.366	0.374	0.390	0.355	0.353	0.344	0.346	0.361	4.64
54) P	2,4-Dinitrophenol	0.064	0.095	0.136	0.112	0.117	0.118	0.128	0.110	21.80
55)	Dibenzofuran	1.714	1.710	1.734	1.621	1.561	1.535	1.535	1.630	5.44
56) P	4-Nitrophenol	0.103	0.138	0.162	0.161	0.163	0.160	0.171	0.151	15.47
57)	2,4-Dinitrotol...	0.401	0.410	0.423	0.394	0.386	0.376	0.379	0.396	4.31
58)	Fluorene	1.414	1.398	1.435	1.342	1.297	1.272	1.277	1.348	5.06
59)	2,3,4,6-Tetrac...	0.289	0.276	0.288	0.271	0.259	0.251	0.247	0.269	6.30
60)	Diethylphthalate	1.532	1.484	1.524	1.423	1.402	1.359	1.371	1.442	4.94
61)	4-Chlorophenyl...	0.641	0.630	0.642	0.604	0.576	0.569	0.571	0.605	5.48
62)	4-Nitroaniline	0.353	0.336	0.365	0.338	0.336	0.326	0.326	0.340	4.20
63)	Azobenzene	1.524	1.492	1.569	1.484	1.443	1.404	1.418	1.476	4.00
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.075	0.090	0.107	0.106	0.107	0.112	0.116	0.102	14.13
66) c	n-Nitrosodiphe...	0.752	0.743	0.776	0.719	0.706	0.707	0.714	0.731	3.66
67)	4-Bromophenyl-...	0.219	0.216	0.226	0.214	0.211	0.210	0.212	0.215	2.68
68)	Hexachlorobenzene	0.238	0.229	0.241	0.231	0.222	0.225	0.229	0.231	2.95
69)	Atrazine	0.227	0.208	0.193	0.163	0.140			0.186	18.76
70) C	Pentachlorophenol	0.056	0.062	0.074	0.071	0.070	0.077	0.075	0.069	11.08
71)	Phenanthrene	1.215	1.182	1.230	1.144	1.118	1.130	1.110	1.161	4.13
72)	Anthracene	1.251	1.242	1.251	1.163	1.133	1.157	1.144	1.192	4.51
73)	Carbazole	1.150	1.119	1.135	1.075	1.055	1.036	1.051	1.089	4.16
74)	Di-n-butylphth...	1.532	1.500	1.538	1.443	1.388	1.381	1.402	1.455	4.67
75) C	Fluoranthene	1.242	1.218	1.222	1.169	1.115	1.087	1.085	1.163	5.76
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.793	0.667	0.578	0.509	0.502	0.409	0.334	0.542	28.56
78)	Pyrene	1.672	1.654	1.767	1.673	1.665	1.777	1.817	1.718	3.88
79) S	Terphenyl-d14	1.236	1.216	1.253	1.183	1.184	1.265	1.246	1.226	2.68
80)	Butylbenzylpht...	0.826	0.843	0.880	0.835	0.838	0.866	0.896	0.855	3.07
81)	Benzo(a)anthra...	1.387	1.391	1.396	1.316	1.298	1.310	1.346	1.349	3.12
82)	3,3'-Dichlorob...	0.495	0.480	0.465	0.410	0.395	0.368	0.350	0.423	13.49
83)	Chrysene	1.410	1.330	1.347	1.295	1.290	1.282	1.301	1.322	3.42
84)	Bis(2-ethylhex...	1.201	1.184	1.226	1.175	1.167	1.204	1.226	1.197	1.95
85) c	Di-n-octyl pht...	1.912	1.877	1.881	1.809	1.803	1.794	1.812	1.841	2.56
86)	Indeno(1,2,3-c...	1.028	0.936	0.939	0.957	0.949	1.043	1.058	0.987	5.44

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
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87) I	Perylene-d12									
88)	Benzo(b)fluora...	1.186	1.226	1.219	1.137	1.230	1.146	1.123	1.181	3.85
89)	Benzo(k)fluora...	1.231	1.279	1.334	1.220	1.113	1.142	1.154	1.210	6.56
90) C	Benzo(a)pyrene	1.097	1.103	1.146	1.058	1.036	1.043	1.033	1.074	3.96
91)	Dibenzo(a,h)an...	0.873	0.867	0.962	0.922	0.944	0.986	0.946	0.928	4.79
92)	Benzo(g,h,i)pe...	0.801	0.800	0.897	0.874	0.887	0.959	0.932	0.879	6.91

(#) = Out of Range