

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF063016.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Jun 30 18:01:55 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BF088527.D 10 =BF088528.D 25 =BF088529.D 40 =BF088530.D 50 =BF088531.D 60 =BF088532.D 80 =BF088533.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.718	0.663	0.674	0.645	0.666	0.633	0.632	0.662	4.54
3)	Pyridine	2.055	1.931	2.003	1.856	1.905	1.859	1.831	1.920	4.32
4)	n-Nitrosodimet...	0.751	0.732	0.749	0.709	0.735	0.733	0.725	0.733	1.94
5) S	2-Fluorophenol	1.553	1.431	1.408	1.349	1.260	1.121	1.218	1.334	10.92
6)	Aniline	2.808	2.841	2.568	2.524	2.354	2.286	2.210	2.513	9.84
7) S	Phenol-d6	1.828	2.035	1.828	1.653	1.661	1.616	1.448	1.724	10.99
8)	2-Chlorophenol	1.566	1.585	1.538	1.337	1.438	1.381	1.195	1.434	9.88
9)	Benzaldehyde	1.331	1.299	1.175	1.093	1.161	1.109	1.008	1.168	9.80
10) C	Phenol	2.126	2.404	2.011	1.982	1.785	1.981	1.486	1.968	14.42
11)	bis(2-Chloroet...	1.515	1.627	1.531	1.377	1.608	1.394	1.220	1.468	9.89
12)	1,3-Dichlorobe...	1.848	1.800	1.689	1.441	1.427	1.419	1.424	1.578	12.26
13) C	1,4-Dichlorobe...	1.839	1.809	1.736	1.471	1.450	1.361	1.300	1.567	14.20
14)	1,2-Dichlorobe...	1.799	1.668	1.471	1.316	1.446	1.373	1.192	1.466	14.16
15)	Benzyl Alcohol	1.427	1.390	1.339	1.303	1.194	1.082	1.149	1.269	10.19
16)	2,2'-oxybis(1-...	2.257	2.209	2.235	2.099	2.181	2.061	1.835	2.125	6.89
17)	2-Methylphenol	1.304	1.258	1.165	1.168	1.119	1.066	1.110	1.170	7.21
18)	Hexachloroethane	0.640	0.634	0.624	0.592	0.614	0.590	0.547	0.606	5.30
19) P	n-Nitroso-di-n...	1.357	1.259	1.274	0.999	1.156	1.030	1.033	1.158	12.26
20)	3+4-Methylphenols	1.652	1.639	1.492	1.311	1.389	1.167	1.180	1.404	14.23
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.556	0.579	0.470	0.475	0.458	0.416	0.444	0.485	12.31
23) S	Nitrobenzene-d5	0.416	0.397	0.409	0.361	0.351	0.384	0.355	0.382	6.97
24)	Nitrobenzene	0.382	0.421	0.383	0.366	0.428	0.369	0.344	0.385	7.86
25)	Isophorone	0.767	0.770	0.687	0.675	0.676	0.688	0.686	0.707	5.95
26) C	2-Nitrophenol	0.144	0.157	0.162	0.146	0.151	0.166	0.180	0.158	7.96
27)	2,4-Dimethylph...	0.356	0.351	0.333	0.333	0.313	0.295	0.319	0.329	6.55
28)	bis(2-Chloroet...	0.541	0.518	0.424	0.421	0.471	0.464	0.382	0.460	12.22
29) C	2,4-Dichloroph...	0.262	0.281	0.288	0.250	0.251	0.272	0.256	0.266	5.69
30)	1,2,4-Trichlor...	0.317	0.314	0.316	0.290	0.278	0.269	0.257	0.291	8.54
31)	Naphthalene	1.079	1.078	1.103	0.988	0.934	0.875	0.846	0.986	10.60
32)	Benzoic acid		0.187	0.235	0.236	0.254	0.251	0.269	0.239	11.98
33)	4-Chloroaniline	0.468	0.461	0.504	0.432	0.393	0.387	0.426	0.439	9.58
34) C	Hexachlorobuta...	0.160	0.160	0.163	0.155	0.158	0.158	0.139	0.156	5.06
35)	Caprolactam	0.091	0.098	0.088	0.093	0.087	0.086	0.089	0.090	4.50
36) C	4-Chloro-3-met...	0.352	0.331	0.327	0.308	0.274	0.323	0.283	0.314	8.81
37)	2-Methylnaphth...	0.770	0.737	0.643	0.558	0.559	0.587	0.591	0.635	13.59

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF063016.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.746	0.720	0.748	0.689	0.643	0.562	0.549	0.665	12.51
40) P	Hexachlorocycl...	0.329	0.356	0.355	0.324	0.310	0.300	0.312	0.327	6.72
41) S	2,4,6-Tribromo...	0.204	0.199	0.188	0.194	0.179	0.159	0.177	0.186	8.27
42) C	2,4,6-Trichlor...	0.505	0.495	0.428	0.402	0.423	0.421	0.395	0.439	9.98
43)	2,4,5-Trichlor...	0.327	0.384	0.391	0.389	0.428	0.415	0.308	0.377	11.69
44) S	2-Fluorobiphenyl	1.601	1.308	1.144	1.260	1.229	1.055	1.266		14.76
45)	1,1'-Biphenyl	1.851	1.717	1.881	1.697	1.523	1.388	1.536	1.656	10.97
46)	2-Chloronaphth...	1.459	1.405	1.408	1.338	1.237	1.108	1.146	1.300	10.60
47)	2-Nitroaniline	0.439	0.452	0.474	0.512	0.463	0.417	0.472	0.461	6.55
48)	Acenaphthylene	2.244	2.165	2.313	2.084	1.851	1.843	1.981	2.069	8.95
49)	Dimethylphthalate	1.544	1.437	1.523	1.312	1.530	1.333	1.295	1.425	7.74
50)	2,6-Dinitrotol...	0.287	0.305	0.354	0.295	0.333	0.355	0.282	0.316	9.83
51) C	Acenaphthene	1.354	1.350	1.384	1.212	1.180	1.172	1.224	1.268	7.16
52)	3-Nitroaniline	0.366	0.447	0.376	0.454	0.373	0.377	0.417	0.401	9.33
53) P	2,4-Dinitrophenol		0.112	0.120	0.136	0.167	0.150	0.152	0.139	14.87
54)	Dibenzofuran	1.844	1.798	1.849	1.650	1.519	1.410	1.548	1.660	10.53
55) P	4-Nitrophenol	0.246	0.331	0.313	0.337	0.277	0.359	0.274	0.305	13.23
56)	2,4-Dinitrotol...	0.384	0.391	0.477	0.393	0.411	0.471	0.362	0.413	10.77
57)	Fluorene		1.455	1.430	1.333	1.165	1.013		1.279	14.63
58)	2,3,4,6-Tetrac...	0.262	0.296	0.332	0.301	0.283	0.280	0.291	0.292	7.42
59)	Diethylphthalate	1.438	1.615	1.442	1.428	1.462	1.392	1.232	1.430	7.86
60)	4-Chlorophenyl...	0.756	0.663	0.595	0.545	0.556	0.548	0.498	0.594	14.76
61)	4-Nitroaniline	0.375	0.400	0.407	0.357	0.429	0.358	0.379	0.386	6.90
62)	Azobenzene	1.767	1.675	1.544	1.558	1.627	1.656	1.590	1.631	4.71
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...		0.082	0.098	0.118	0.119	0.103	0.122	0.107	14.58
65) c	n-Nitrosodiphe...	0.803	0.759	0.673	0.703	0.634	0.572	0.595	0.677	12.50
66)	4-Bromophenyl-...	0.215	0.224	0.221	0.197	0.187	0.183	0.185	0.202	8.87
67)	Hexachlorobenzene	0.255	0.245	0.224	0.224	0.228	0.206	0.181	0.223	11.04
68)	Atrazine	0.241	0.225	0.216	0.220	0.185	0.187	0.202	0.211	9.84
69) C	Pentachlorophenol	0.110	0.131	0.147	0.140	0.132	0.130	0.134	0.132	8.63
70)	Phenanthrene	1.338	1.223	1.079	1.037	1.101	1.018	0.859	1.093	14.01
71)	Anthracene	1.227	1.174	1.224	1.090	0.982	0.936	0.976	1.087	11.41
72)	Carbazole	1.120	1.179	1.072	0.920	0.960	1.020	0.891	1.023	10.41
73)	Di-n-butylphth...	1.336	1.350	1.252	1.128	1.084	1.098	1.084	1.190	10.03
74) C	Fluoranthene	1.270	1.227	1.257	1.163	1.029	0.933	0.880	1.108	14.47
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.913	0.941	0.950	1.039	1.163	1.080	0.990	1.011	8.78
77)	Pyrene	1.565	1.539	1.631	1.787	1.885	1.682	1.782	1.696	7.52
78) S	Terphenyl-d14	0.894	0.840	0.923	0.877	0.890	0.854	1.007	0.898	6.17
79)	Butylbenzylphth...		0.581	0.683	0.750	0.826	0.855	0.844	0.756	14.27
80)	Benzo(a)anthra...	1.243	1.235	1.335	1.293	1.287	1.294	1.330	1.288	2.99
81)	3,3'-Dichlorob...	0.429	0.473	0.488	0.466	0.470	0.533	0.530	0.484	7.63
82)	Chrysene	1.254	1.278	1.195	1.257	1.337	1.317	1.281	1.274	3.62

Method Path : Z:\HPCHEM1\BNA_F\METHODS\

Method File : 8270-BF063016.M

83)	Bis(2-ethylhex...	0.739	0.798	0.872	0.910	0.924	0.903	0.898	0.864	7.98
84) c	Di-n-octyl pht...	1.195	1.358	1.543	1.536	1.503	1.545	1.588	1.467	9.58
85)	Indeno(1,2,3-c...	0.838	0.855	0.885	0.934	1.074	1.038	1.236	0.980	14.72
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.173	1.488	1.372	1.190	1.174	1.090	1.296	1.255	11.01
88)	Benzo(k)fluora...	1.241	0.927	1.089	1.089	1.081	1.126		1.092	9.21
89) C	Benzo(a)pyrene	1.084	1.108	1.101	1.066	1.082	1.034	0.961	1.062	4.78
90)	Dibenzo(a,h)an...	0.797	0.817	0.850	0.868	0.985	0.917	0.975	0.887	8.34
91)	Benzo(g,h,i)pe...	0.796	0.806	0.847	0.899	1.051	0.977	1.049	0.918	11.85

(#) = Out of Range