

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM071322.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Jul 14 01:21:21 2022
 Response Via : Initial Calibration

Calibration Files

5 =BM035788.D 10 =BM035789.D 20 =BM035790.D 40 =BM035791.D 50 =BM035792.D 60 =BM035793.D 80 =BM035794.D

Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.557	0.523	0.561	0.502	0.509	0.506	0.478	0.519	5.82
3) Pyridine	1.279	1.314	1.441	1.330	1.361	1.372	1.340	1.348	3.81
4) n-Nitrosodimet...	0.592	0.583	0.631	0.585	0.599	0.597	0.566	0.593	3.34
5) S 2-Fluorophenol	1.165	1.194	1.304	1.230	1.245	1.268	1.213	1.231	3.77
6) Aniline	1.639	1.687	1.819	1.695	1.749	1.755	1.705	1.721	3.40
7) S Phenol-d6	1.442	1.475	1.622	1.542	1.568	1.586	1.544	1.540	4.06
8) 2-Chlorophenol	1.224	1.260	1.377	1.274	1.280	1.304	1.255	1.282	3.80
9) Benzaldehyde	0.970	0.928	0.908	0.770	0.751	0.718		0.841	12.71
10) C Phenol	1.485	1.494	1.641	1.544	1.572	1.585	1.535	1.551	3.50
11) bis(2-Chloroet...	1.273	1.284	1.373	1.250	1.260	1.285	1.226	1.279	3.63
12) 1,3-Dichlorobe...	1.490	1.475	1.587	1.444	1.447	1.469	1.377	1.470	4.31
13) C 1,4-Dichlorobe...	1.527	1.499	1.621	1.460	1.470	1.490	1.411	1.497	4.39
14) 1,2-Dichlorobe...	1.477	1.469	1.566	1.409	1.412	1.426	1.353	1.445	4.70
15) Benzyl Alcohol	0.913	0.935	1.039	0.987	1.016	1.025	1.019	0.990	4.91
16) 2,2'-oxybis(1-...	1.681	1.677	1.770	1.613	1.610	1.632	1.572	1.651	3.94
17) 2-Methylphenol	0.937	0.981	1.069	0.998	1.008	1.018	0.988	1.000	4.00
18) Hexachloroethane	0.521	0.530	0.569	0.520	0.515	0.527	0.505	0.527	3.89
19) P n-Nitroso-di-n...	0.791	0.843	0.944	0.897	0.901	0.905	0.910	0.884	5.75
20) 3+4-Methylphenols	1.237	1.280	1.424	1.339	1.365	1.365	1.357	1.338	4.60
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.459	0.460	0.510	0.477	0.481	0.504	0.488	0.483	4.06
23) S Nitrobenzene-d5	0.300	0.316	0.370	0.356	0.364	0.375	0.367	0.350	8.41
24) Nitrobenzene	0.297	0.310	0.350	0.331	0.335	0.347	0.337	0.330	5.89
25) Isophorone	0.483	0.495	0.575	0.571	0.573	0.591	0.592	0.554	8.19
26) C 2-Nitrophenol	0.081	0.090	0.115	0.126	0.137	0.148	0.150	0.121	22.45
27) 2,4-Dimethylph...	0.210	0.219	0.248	0.242	0.245	0.253	0.247	0.238	6.91
28) bis(2-Chloroet...	0.364	0.372	0.410	0.393	0.389	0.406	0.400	0.391	4.37
29) C 2,4-Dichloroph...	0.215	0.228	0.273	0.270	0.274	0.282	0.280	0.260	10.43
30) 1,2,4-Trichlor...	0.309	0.310	0.341	0.317	0.320	0.333	0.321	0.322	3.64
31) Naphthalene	0.984	0.981	1.079	0.995	1.001	1.033	0.998	1.010	3.44
32) Benzoic acid		0.078	0.118	0.142	0.153	0.167	0.178	0.139	26.33
33) 4-Chloroaniline	0.370	0.368	0.418	0.404	0.407	0.413	0.415	0.399	5.31
34) C Hexachlorobuta...	0.178	0.182	0.198	0.183	0.183	0.191	0.184	0.186	3.56
35) Caprolactam		0.048	0.070	0.074	0.080	0.078	0.085	0.073	17.94
36) C 4-Chloro-3-met...	0.219	0.222	0.273	0.274	0.279	0.282	0.293	0.263	11.46
37) 2-Methylnaphth...	0.628	0.619	0.699	0.665	0.669	0.683	0.687	0.664	4.53
38) 1-Methylnaphth...	0.614	0.601	0.686	0.650	0.651	0.661	0.668	0.647	4.63

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.544	0.564	0.606	0.575	0.573	0.613	0.577	0.579	4.07
41) P	Hexachlorocycl...	0.262	0.288	0.309	0.305	0.303	0.334	0.311	0.302	7.37
42) S	2,4,6-Tribromo...	0.158	0.164	0.211	0.213	0.226	0.223	0.227	0.203	14.50
43) C	2,4,6-Trichlor...	0.255	0.292	0.352	0.356	0.360	0.381	0.365	0.337	13.53
44)	2,4,5-Trichlor...	0.300	0.324	0.379	0.374	0.377	0.397	0.383	0.362	9.85
45) S	2-Fluorobiphenyl	1.372	1.402	1.525	1.433	1.411	1.496	1.399	1.434	3.90
46)	1,1'-Biphenyl	1.454	1.485	1.607	1.501	1.502	1.585	1.499	1.519	3.66
47)	2-Chloronaphth...	1.112	1.138	1.228	1.151	1.156	1.209	1.147	1.163	3.50
48)	2-Nitroaniline	0.181	0.196	0.266	0.284	0.306	0.315	0.315	0.266	21.10
49)	Acenaphthylene	1.566	1.636	1.883	1.775	1.800	1.854	1.791	1.758	6.56
50)	Dimethylphthalate	1.177	1.163	1.379	1.297	1.332	1.350	1.326	1.289	6.61
51)	2,6-Dinitrotol...	0.183	0.203	0.269	0.273	0.282	0.288	0.285	0.255	16.81
52) C	Acenaphthene	1.015	1.020	1.139	1.072	1.072	1.111	1.081	1.073	4.18
53)	3-Nitroaniline	0.212	0.230	0.317	0.321	0.342	0.339	0.343	0.300	18.46
54) P	2,4-Dinitrophenol	0.058	0.085	0.094	0.109	0.112	0.122	0.097		23.74
55)	Dibenzofuran	1.687	1.653	1.846	1.720	1.741	1.777	1.721	1.735	3.60
56) P	4-Nitrophenol	0.153	0.229	0.238	0.262	0.259	0.260	0.233		17.92
57)	2,4-Dinitrotol...	0.204	0.225	0.337	0.355	0.378	0.380	0.380	0.323	23.52
58)	Fluorene	1.264	1.240	1.451	1.392	1.431	1.442	1.416	1.377	6.35
59)	2,3,4,6-Tetrac...	0.236	0.249	0.315	0.314	0.326	0.327	0.322	0.298	13.00
60)	Diethylphthalate	1.119	1.094	1.345	1.302	1.347	1.328	1.343	1.268	8.81
61)	4-Chlorophenyl...	0.645	0.621	0.724	0.691	0.698	0.708	0.697	0.683	5.35
62)	4-Nitroaniline	0.209	0.221	0.328	0.337	0.363	0.354	0.356	0.310	21.23
63)	Azobenzene	1.151	1.177	1.427	1.340	1.373	1.380	1.352	1.314	8.09
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.048	0.067	0.076	0.082	0.088	0.091	0.075		21.19
66) c	n-Nitrosodiphe...	0.519	0.549	0.603	0.580	0.569	0.601	0.584	0.572	5.24
67)	4-Bromophenyl-...	0.184	0.192	0.210	0.197	0.195	0.207	0.201	0.198	4.60
68)	Hexachlorobenzene	0.223	0.231	0.246	0.232	0.230	0.241	0.235	0.234	3.24
69)	Atrazine	0.136	0.140	0.165	0.158	0.151	0.151	0.134	0.148	7.88
70) C	Pentachlorophenol	0.090	0.119	0.125	0.128	0.132	0.132	0.121		13.18
71)	Phenanthrene	0.988	1.006	1.124	1.045	1.060	1.078	1.054	1.051	4.27
72)	Anthracene	0.907	0.928	1.076	1.027	1.038	1.060	1.039	1.011	6.52
73)	Carbazole	0.902	0.913	1.100	1.030	1.059	1.074	1.039	1.017	7.67
74)	Di-n-butylphth...	0.736	0.804	1.030	1.057	1.089	1.107	1.103	0.989	15.54
75) C	Fluoranthene	1.047	1.045	1.234	1.195	1.248	1.246	1.210	1.175	7.65
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.282	0.281	0.348	0.252	0.237		0.280		15.14
78)	Pyrene	1.149	1.160	1.343	1.250	1.264	1.320	1.306	1.256	6.05
79) S	Terphenyl-d14	0.975	0.964	1.118	1.051	1.025	1.071	1.008	1.030	5.28
80)	Butylbenzylpht...	0.247	0.277	0.379	0.413	0.437	0.454	0.470	0.382	22.89
81)	Benzo(a)anthra...	1.161	1.163	1.332	1.257	1.275	1.323	1.272	1.255	5.51
82)	3,3'-Dichlorob...	0.222	0.231	0.266	0.267	0.266	0.272	0.257	0.254	7.80
83)	Chrysene	1.157	1.150	1.289	1.202	1.205	1.260	1.218	1.211	4.17
84)	Bis(2-ethylhex...	0.412	0.471	0.598	0.644	0.654	0.685	0.696	0.595	18.60
85) c	Di-n-octyl pht...	0.746	0.922	0.999	1.035	1.083	1.087	0.979		13.19

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86) I	Perylene-d12											
87)	Indeno(1,2,3-c...	1.291	1.317	1.496	1.487	1.514	1.552	1.538	1.456		7.32	
88)	Benzo(b)fluora...	1.059	1.115	1.273	1.204	1.272	1.293	1.240	1.208		7.36	
89)	Benzo(k)fluora...	1.179	1.130	1.348	1.290	1.267	1.313	1.318	1.263		6.32	
90) C	Benzo(a)pyrene	0.865	0.902	1.058	1.029	1.051	1.092	1.077	1.011		8.88	
91)	Dibenzo(a,h)an...	1.070	1.115	1.246	1.227	1.248	1.278	1.274	1.208		6.79	
92)	Benzo(g,h,i)pe...	1.082	1.105	1.238	1.206	1.219	1.257	1.238	1.192		5.83	

(#) = Out of Range