

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM040121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Apr 01 16:52:48 2021
 Response Via : Initial Calibration

Calibration Files

5 =BM029301.D 10 =BM029302.D 20 =BM029303.D 40 =BM029304.D 50 =BM029305.D 60 =BM029306.D 80 =BM029307.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.543	0.574	0.564	0.524	0.506	0.482	0.493	0.526	6.67
3)	Pyridine	1.216	1.395	1.445	1.424	1.319	1.308	1.207	1.331	7.20
4)	n-Nitrosodimet...	0.509	0.624	0.665	0.677	0.654	0.628	0.687	0.635	9.51
5) S	2-Fluorophenol	1.197	1.266	1.300	1.216	1.173	1.150	1.178	1.211	4.45
6)	Aniline	1.779	1.920	2.012	1.912	1.775	1.802	1.867	1.867	4.70
7) S	Phenol-d6	1.621	1.758	1.834	1.744	1.639	1.654	1.721	1.710	4.48
8)	2-Chlorophenol	1.292	1.382	1.450	1.356	1.284	1.290	1.332	1.341	4.52
9)	Benzaldehyde	1.150	1.192	1.195	1.045	0.966	0.909		1.076	11.29
10) C	Phenol	1.607	1.733	1.802	1.726	1.610	1.618	1.677	1.682	4.47
11)	bis(2-Chloroet...	1.252	1.332	1.357	1.308	1.207	1.206	1.252	1.273	4.69
12)	1,3-Dichlorobe...	1.451	1.518	1.570	1.477	1.400	1.382	1.417	1.459	4.62
13) C	1,4-Dichlorobe...	1.481	1.570	1.599	1.480	1.421	1.399	1.441	1.484	5.06
14)	1,2-Dichlorobe...	1.418	1.488	1.527	1.441	1.373	1.353	1.393	1.428	4.39
15)	Benzyl Alcohol	1.176	1.243	1.328	1.319	1.208	1.250	1.303	1.261	4.60
16)	2,2'-oxybis(1-...	1.856	2.000	2.068	1.958	1.789	1.831	1.859	1.909	5.31
17)	2-Methylphenol	1.024	1.127	1.182	1.130	1.046	1.059	1.101	1.096	5.08
18)	Hexachloroethane	0.561	0.615	0.619	0.584	0.558	0.555	0.571	0.581	4.65
19) P	n-Nitroso-di-n...	1.076	1.166	1.230	1.219	1.095	1.139	1.167	1.156	5.01
20)	3+4-Methylphenols	1.367	1.506	1.618	1.534	1.419	1.452	1.502	1.485	5.51
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.483	0.524	0.531	0.528	0.503	0.511	0.540	0.517	3.80
23) S	Nitrobenzene-d5	0.401	0.432	0.459	0.441	0.430	0.430	0.460	0.436	4.57
24)	Nitrobenzene	0.420	0.451	0.472	0.451	0.438	0.436	0.467	0.448	4.12
25)	Isophorone	0.706	0.776	0.818	0.808	0.753	0.777	0.824	0.781	5.35
26) C	2-Nitrophenol	0.154	0.170	0.184	0.184	0.180	0.182	0.197	0.179	7.56
27)	2,4-Dimethylph...	0.260	0.277	0.292	0.287	0.275	0.278	0.297	0.281	4.41
28)	bis(2-Chloroet...	0.378	0.404	0.425	0.411	0.388	0.396	0.420	0.403	4.19
29) C	2,4-Dichloroph...	0.283	0.306	0.321	0.316	0.305	0.313	0.333	0.311	4.97
30)	1,2,4-Trichlor...	0.326	0.340	0.352	0.333	0.325	0.328	0.348	0.336	3.24
31)	Naphthalene	1.009	1.071	1.106	1.058	1.016	1.028	1.090	1.054	3.57
32)	Benzoic acid		0.168	0.200	0.217	0.211	0.223	0.253	0.212	13.18
33)	4-Chloroaniline	0.373	0.424	0.447	0.441	0.411	0.425	0.451	0.425	6.32
34) C	Hexachlorobuta...	0.188	0.204	0.207	0.196	0.193	0.193	0.205	0.198	3.67
35)	Caprolactam	0.078	0.092	0.103	0.105	0.096	0.102	0.109	0.098	10.59
36) C	4-Chloro-3-met...	0.299	0.324	0.349	0.350	0.324	0.338	0.359	0.335	6.09
37)	2-Methylnaphth...	0.681	0.745	0.778	0.759	0.718	0.736	0.783	0.743	4.80
38)	1-Methylnaphth...	0.650	0.709	0.740	0.715	0.670	0.692	0.743	0.703	4.90

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\										
Method File : 8270-BM040121.M										
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.533	0.551	0.590	0.555	0.553	0.549	0.595	0.561	4.11
41) P	Hexachlorocycl...	0.280	0.313	0.337	0.329	0.335	0.329	0.355	0.325	7.24
42) S	2,4,6-Tribromo...	0.170	0.187	0.208	0.206	0.195	0.207	0.226	0.200	8.89
43) C	2,4,6-Trichlor...	0.348	0.388	0.420	0.406	0.394	0.401	0.429	0.398	6.55
44)	2,4,5-Trichlor...	0.380	0.425	0.455	0.436	0.424	0.425	0.461	0.429	6.20
45) S	2-Fluorobiphenyl	1.363	1.429	1.513	1.424	1.407	1.401	1.511	1.436	3.92
46)	1,1'-Biphenyl	1.480	1.568	1.628	1.544	1.510	1.498	1.610	1.548	3.65
47)	2-Chloronaphth...	1.137	1.189	1.270	1.197	1.174	1.162	1.254	1.198	4.02
48)	2-Nitroaniline	0.332	0.381	0.420	0.413	0.401	0.409	0.441	0.400	8.80
49)	Acenaphthylene	1.724	1.838	1.984	1.889	1.831	1.838	1.973	1.868	4.83
50)	Dimethylphthalate	1.374	1.440	1.548	1.452	1.383	1.410	1.501	1.444	4.37
51)	2,6-Dinitrotol...	0.278	0.318	0.341	0.330	0.315	0.323	0.345	0.321	6.94
52) C	Acenaphthene	1.102	1.150	1.233	1.160	1.116	1.120	1.204	1.155	4.20
53)	3-Nitroaniline	0.267	0.315	0.350	0.344	0.325	0.334	0.362	0.328	9.52
54) P	2,4-Dinitrophenol	0.130	0.168	0.184	0.176	0.188		0.169		13.82
55)	Dibenzofuran	1.725	1.832	1.923	1.812	1.739	1.772	1.876	1.811	3.97
56) P	4-Nitrophenol	0.211	0.248	0.304	0.305	0.278	0.294	0.317	0.280	13.47
57)	2,4-Dinitrotol...	0.345	0.401	0.450	0.448	0.427	0.437	0.472	0.426	9.82
58)	Fluorene	1.355	1.465	1.556	1.511	1.435	1.479	1.599	1.486	5.39
59)	2,3,4,6-Tetrac...	0.281	0.315	0.344	0.340	0.324	0.336	0.372	0.330	8.50
60)	Diethylphthalate	1.392	1.468	1.565	1.506	1.393	1.449	1.552	1.475	4.74
61)	4-Chlorophenyl...	0.617	0.670	0.717	0.686	0.654	0.675	0.744	0.680	6.07
62)	4-Nitroaniline	0.270	0.322	0.369	0.367	0.344	0.359	0.386	0.345	11.28
63)	Azobenzene	1.535	1.660	1.806	1.750	1.653	1.685	1.793	1.697	5.58
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.102	0.125	0.133	0.129	0.132	0.147	0.128		11.73
66) c	n-Nitrosodiphe...	0.611	0.663	0.700	0.666	0.647	0.648	0.696	0.661	4.64
67)	4-Bromophenyl-...	0.183	0.196	0.205	0.201	0.194	0.197	0.214	0.199	4.80
68)	Hexachlorobenzene	0.214	0.215	0.231	0.215	0.212	0.212	0.229	0.218	3.68
69)	Atrazine	0.202	0.216	0.231	0.225	0.215	0.219	0.234	0.220	4.83
70) C	Pentachlorophenol	0.073	0.091	0.110	0.112	0.124		0.102		19.71
71)	Phenanthrene	1.084	1.160	1.222	1.157	1.123	1.140	1.211	1.157	4.16
72)	Anthracene	1.047	1.128	1.206	1.151	1.110	1.133	1.220	1.142	5.12
73)	Carbazole	1.007	1.106	1.188	1.123	1.081	1.114	1.189	1.115	5.64
74)	Di-n-butylphth...	1.128	1.220	1.331	1.324	1.255	1.296	1.396	1.279	6.83
75) C	Fluoranthene	1.181	1.274	1.357	1.309	1.241	1.284	1.375	1.289	5.16
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.648	0.580	0.705	0.694	0.664	0.665	0.584	0.649	7.62
78)	Pyrene	1.317	1.406	1.452	1.389	1.349	1.361	1.456	1.390	3.75
79) S	Terphenyl-d14	0.959	1.035	1.082	1.060	1.026	1.055	1.154	1.053	5.62
80)	Butylbenzylpht...	0.568	0.621	0.649	0.637	0.610	0.622	0.673	0.626	5.28
81)	Benzo(a)anthra...	1.260	1.325	1.381	1.349	1.295	1.323	1.409	1.335	3.77
82)	3,3'-Dichlorob...	0.415	0.437	0.476	0.455	0.433	0.447	0.475	0.448	4.96
83)	Chrysene	1.238	1.311	1.365	1.310	1.262	1.278	1.385	1.307	4.07
84)	Bis(2-ethylhex...	0.874	0.937	0.983	0.985	0.938	0.970	1.053	0.963	5.75
85) c	Di-n-octyl pht...	1.535	1.628	1.728	1.695	1.599	1.643	1.738	1.652	4.42

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\

Method File : 8270-BM040121.M

86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.361	1.467	1.537	1.485	1.436	1.458	1.576	1.474	4.71	
88)	Benzo(b)fluora...	1.203	1.329	1.396	1.291	1.260	1.322	1.393	1.313	5.29	
89)	Benzo(k)fluora...	1.171	1.227	1.271	1.297	1.243	1.228	1.354	1.256	4.66	
90) C	Benzo(a)pyrene	1.116	1.195	1.248	1.209	1.174	1.185	1.278	1.201	4.37	
91)	Dibenzo(a,h)an...	1.142	1.262	1.314	1.276	1.243	1.257	1.367	1.266	5.45	
92)	Benzo(g,h,i)pe...	1.173	1.241	1.272	1.213	1.183	1.191	1.270	1.220	3.37	

(#) = Out of Range