

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP040921.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Apr 09 18:44:11 2021
 Response Via : Initial Calibration

Calibration Files

5 =BP005250.D 10 =BP005251.D 20 =BP005252.D 40 =BP005253.D 50 =BP005254.D 60 =BP005255.D 80 =BP005256.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	1.126	1.183	1.206	1.137	1.078	1.068	1.078	1.125	4.85
3)	Pyridine	1.939	2.449	2.687	2.724	2.286	2.772	2.799	2.523	12.62
4)	n-Nitrosodimet...	0.530	0.805	0.847	0.762	0.734	0.767	0.767	0.745	13.59
5) S	2-Fluorophenol	1.815	1.973	2.032	1.896	1.846	1.877	1.901	1.906	3.92
6)	Aniline	2.187	2.443	2.417	2.318	2.243	2.376	2.400	2.341	4.08
7) S	Phenol-d6	1.993	2.250	2.290	2.151	2.118	2.191	2.229	2.174	4.56
8)	2-Chlorophenol	1.312	1.422	1.460	1.365	1.306	1.344	1.364	1.368	4.11
9)	Benzaldehyde	1.536	1.645	1.606	1.389	1.219	1.197		1.432	13.57
10) C	Phenol	2.134	2.396	2.279	2.195	2.100	2.227	2.258	2.227	4.42
11)	bis(2-Chloroet...	1.475	1.643	1.694	1.595	1.539	1.605	1.622	1.596	4.48
12)	1,3-Dichlorobe...	1.510	1.552	1.600	1.450	1.413	1.443	1.450	1.488	4.57
13) C	1,4-Dichlorobe...	1.431	1.569	1.558	1.459	1.392	1.422	1.456	1.469	4.63
14)	1,2-Dichlorobe...	1.365	1.484	1.492	1.381	1.300	1.374	1.380	1.397	4.90
15)	Benzyl Alcohol	1.354	1.466	1.561	1.500	1.472	1.550	1.641	1.506	5.99
16)	2,2'-oxybis(1-...	0.983	0.966	0.962	0.900	0.861	0.911	0.922	0.929	4.66
17)	2-Methylphenol	1.178	1.251	1.279	1.206	1.170	1.222	1.245	1.222	3.28
18)	Hexachloroethane	0.686	0.656	0.661	0.624	0.602	0.609	0.624	0.637	4.86
19) P	n-Nitroso-di-n...	1.215	1.286	1.375	1.329	1.284	1.426	1.448	1.338	6.24
20)	3+4-Methylphenols	1.506	1.645	1.641	1.585	1.521	1.647	1.656	1.600	3.98
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.655	0.709	0.743	0.707	0.684	0.700	0.735	0.705	4.24
23) S	Nitrobenzene-d5	0.561	0.621	0.671	0.655	0.622	0.631	0.677	0.634	6.20
24)	Nitrobenzene	0.589	0.634	0.708	0.666	0.644	0.662	0.686	0.656	5.87
25)	Isophorone	0.914	1.032	1.110	1.070	1.038	1.094	1.148	1.058	7.14
26) C	2-Nitrophenol	0.149	0.177	0.193	0.194	0.178	0.185	0.198	0.182	9.22
27)	2,4-Dimethylph...	0.263	0.292	0.313	0.300	0.290	0.295	0.312	0.295	5.66
28)	bis(2-Chloroet...	0.462	0.484	0.527	0.512	0.487	0.497	0.542	0.502	5.45
29) C	2,4-Dichloroph...	0.297	0.315	0.344	0.334	0.328	0.321	0.354	0.328	5.81
30)	1,2,4-Trichlor...	0.347	0.395	0.404	0.378	0.360	0.360	0.386	0.376	5.58
31)	Naphthalene	0.990	1.103	1.167	1.100	1.068	1.094	1.143	1.095	5.18
32)	Benzoic acid		0.144	0.186	0.202	0.196	0.205	0.226	0.193	14.15
33)	4-Chloroaniline	0.344	0.390	0.428	0.419	0.412	0.422	0.442	0.408	7.92
34) C	Hexachlorobuta...	0.250	0.262	0.283	0.260	0.248	0.253	0.266	0.260	4.58
35)	Caprolactam	0.086	0.095	0.110	0.119	0.109	0.120	0.123	0.109	12.90
36) C	4-Chloro-3-met...	0.368	0.396	0.440	0.435	0.420	0.442	0.466	0.424	7.64
37)	2-Methylnaphth...	0.680	0.707	0.789	0.753	0.723	0.755	0.791	0.743	5.59
38)	1-Methylnaphth...	0.643	0.701	0.725	0.705	0.680	0.716	0.748	0.703	4.79

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-----ISTD-----										
39) I	Acenaphthene-d10									
40)	1,2,4,5-Tetrac...	0.618	0.667	0.727	0.714	0.654	0.647	0.690	0.674	5.70
41) P	Hexachlorocycl...	0.231	0.296	0.333	0.318	0.322	0.362	0.310		14.24
42) S	2,4,6-Tribromo...	0.219	0.238	0.259	0.268	0.248	0.262	0.273	0.252	7.52
43) C	2,4,6-Trichlor...	0.385	0.390	0.432	0.464	0.412	0.421	0.460	0.423	7.37
44)	2,4,5-Trichlor...	0.412	0.441	0.474	0.503	0.445	0.467	0.492	0.462	6.82
45) S	2-Fluorobiphenyl	1.336	1.474	1.563	1.560	1.448	1.440	1.549	1.481	5.60
46)	1,1'-Biphenyl	1.423	1.471	1.623	1.600	1.478	1.452	1.564	1.516	5.17
47)	2-Chloronaphth...	1.085	1.199	1.246	1.279	1.168	1.171	1.239	1.198	5.38
48)	2-Nitroaniline	0.337	0.372	0.459	0.513	0.486	0.523	0.555	0.464	17.46
49)	Acenaphthylene	1.664	1.839	1.946	1.965	1.792	1.835	1.932	1.853	5.73
50)	Dimethylphthalate	1.326	1.430	1.531	1.556	1.429	1.484	1.521	1.468	5.41
51)	2,6-Dinitrotol...	0.249	0.289	0.345	0.362	0.337	0.340	0.362	0.327	12.81
52) C	Acenaphthene	1.074	1.094	1.163	1.200	1.097	1.123	1.171	1.132	4.15
53)	3-Nitroaniline	0.222	0.248	0.298	0.337	0.309	0.335	0.337	0.298	15.57
54) P	2,4-Dinitrophenol	0.127	0.157	0.192	0.181	0.198	0.217	0.179		17.99
55)	Dibenzofuran	1.754	1.821	1.985	1.980	1.826	1.881	1.952	1.885	4.75
56) P	4-Nitrophenol	0.193	0.225	0.278	0.249	0.272	0.283	0.250		14.06
57)	2,4-Dinitrotol...	0.345	0.388	0.458	0.507	0.465	0.498	0.516	0.454	14.21
58)	Fluorene	1.404	1.464	1.590	1.616	1.461	1.555	1.608	1.528	5.52
59)	2,3,4,6-Tetrac...	0.346	0.402	0.427	0.429	0.407	0.426	0.444	0.411	7.79
60)	Diethylphthalate	1.350	1.389	1.549	1.622	1.461	1.525	1.617	1.502	7.09
61)	4-Chlorophenyl...	0.739	0.772	0.825	0.854	0.768	0.812	0.844	0.802	5.38
62)	4-Nitroaniline	0.201	0.261	0.310	0.360	0.318	0.347	0.341	0.306	18.48
63)	Azobenzene	1.982	2.158	2.383	2.494	2.313	2.419	2.472	2.317	8.03
-----ISTD-----										
64) I	Phenanthrene-d10									
65)	4,6-Dinitro-2-...	0.108	0.130	0.141	0.132	0.139	0.156	0.134		11.77
66) c	n-Nitrosodiphe...	0.542	0.593	0.630	0.618	0.585	0.603	0.658	0.604	6.10
67)	4-Bromophenyl-...	0.211	0.231	0.245	0.231	0.216	0.219	0.246	0.228	5.98
68)	Hexachlorobenzene	0.221	0.245	0.255	0.253	0.233	0.239	0.264	0.244	6.01
69)	Atrazine	0.173	0.195	0.223	0.224	0.210	0.218	0.236	0.211	10.01
70) C	Pentachlorophenol	0.118	0.141	0.156	0.148	0.150	0.171	0.147		11.86
71)	Phenanthrene	1.034	1.090	1.203	1.160	1.085	1.112	1.229	1.131	6.17
72)	Anthracene	0.954	1.046	1.137	1.147	1.064	1.113	1.208	1.095	7.51
73)	Carbazole	0.897	0.997	1.096	1.105	1.019	1.063	1.145	1.046	7.94
74)	Di-n-butylphth...	0.941	1.030	1.197	1.241	1.164	1.237	1.370	1.169	12.23
75) C	Fluoranthene	1.269	1.309	1.456	1.437	1.341	1.397	1.498	1.387	6.01
-----ISTD-----										
76) I	Chrysene-d12									
77)	Benzidine	0.283	0.338	0.403	0.388	0.393	0.391	0.366		12.75
78)	Pyrene	1.147	1.249	1.299	1.232	1.199	1.246	1.329	1.243	4.86
79) S	Terphenyl-d14	0.941	0.998	1.046	1.011	0.994	1.022	1.114	1.018	5.23
80)	Butylbenzylpht...	0.393	0.422	0.472	0.471	0.469	0.486	0.538	0.464	10.00
81)	Benzo(a)anthra...	1.213	1.328	1.398	1.322	1.297	1.300	1.379	1.320	4.60
82)	3,3'-Dichlorob...	0.318	0.361	0.409	0.403	0.401	0.395	0.416	0.386	8.99
83)	Chrysene	1.196	1.273	1.360	1.277	1.273	1.267	1.341	1.284	4.19
84)	Bis(2-ethylhex...	0.623	0.666	0.740	0.740	0.747	0.756	0.837	0.730	9.38
85) c	Di-n-octyl pht...	1.164	1.219	1.362	1.316	1.347	1.340	1.428	1.311	6.85

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[illegible]

(#) = Out of Range