

Method Path : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\
 Method File : 8270-BP101920.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Oct 19 14:54:24 2020
 Response Via : Initial Calibration

Calibration Files

5 =BP003662.D 10 =BP003663.D 20 =BP003664.D 40 =BP003665.D 50 =BP003666.D 60 =BP003667.D 80 =BP003668.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.553	0.565	0.518	0.481	0.493	0.477	0.491	0.511	6.92
3)	Pyridine	1.508	1.564	1.443	1.399	1.410	1.382	1.411	1.445	4.61
4)	n-Nitrosodimet...	0.653	0.691	0.612	0.599	0.593	0.576	0.592	0.617	6.60
5) S	2-Fluorophenol	1.203	1.306	1.189	1.161	1.180	1.149	1.184	1.196	4.32
6)	Aniline	1.904	2.053	1.910	1.833	1.819	1.798	1.812	1.876	4.79
7) S	Phenol-d6	1.733	1.841	1.697	1.645	1.652	1.618	1.643	1.690	4.55
8)	2-Chlorophenol	1.230	1.316	1.197	1.169	1.147	1.129	1.147	1.191	5.47
9)	Benzaldehyde	1.146	1.171	1.002	0.814	0.773	0.689	0.644	0.891	24.14
10) C	Phenol	1.636	1.787	1.630	1.571	1.558	1.529	1.553	1.609	5.45
11)	bis(2-Chloroet...	1.345	1.429	1.287	1.244	1.216	1.205	1.213	1.277	6.54
12)	1,3-Dichlorobe...	1.635	1.725	1.523	1.471	1.483	1.440	1.472	1.536	6.83
13) C	1,4-Dichlorobe...	1.629	1.745	1.556	1.489	1.494	1.453	1.490	1.551	6.65
14)	1,2-Dichlorobe...	1.563	1.630	1.485	1.417	1.419	1.376	1.396	1.469	6.46
15)	Benzyl Alcohol	1.271	1.396	1.304	1.278	1.269	1.256	1.268	1.292	3.73
16)	2,2'-oxybis(1-...	1.380	1.415	1.270	1.223	1.201	1.189	1.179	1.266	7.55
17)	2-Methylphenol	1.061	1.183	1.089	1.049	1.034	1.019	1.026	1.066	5.34
18)	Hexachloroethane	0.624	0.651	0.597	0.584	0.585	0.568	0.575	0.598	4.95
19) P	n-Nitroso-di-n...	1.030	1.145	1.063	1.023	1.001	0.981	0.985	1.033	5.55
20)	3+4-Methylphenols	1.464	1.590	1.458	1.401	1.387	1.373	1.373	1.435	5.45
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.605	0.623	0.571	0.561	0.572	0.573	0.592	0.585	3.75
23) S	Nitrobenzene-d5	0.451	0.497	0.463	0.460	0.476	0.472	0.490	0.473	3.47
24)	Nitrobenzene	0.441	0.492	0.447	0.438	0.451	0.450	0.467	0.455	4.08
25)	Isophorone	0.710	0.808	0.757	0.746	0.760	0.763	0.787	0.762	4.06
26) C	2-Nitrophenol	0.139	0.170	0.163	0.170	0.179	0.180	0.189	0.170	9.52
27)	2,4-Dimethylph...	0.268	0.282	0.257	0.260	0.266	0.265	0.271	0.267	3.08
28)	bis(2-Chloroet...	0.494	0.525	0.475	0.463	0.477	0.476	0.491	0.486	4.11
29) C	2,4-Dichloroph...	0.325	0.375	0.346	0.341	0.351	0.351	0.362	0.350	4.49
30)	1,2,4-Trichlor...	0.458	0.477	0.438	0.429	0.444	0.440	0.457	0.449	3.57
31)	Naphthalene	1.116	1.158	1.053	1.028	1.052	1.048	1.093	1.078	4.27
32)	Benzoic acid	0.096	0.125	0.147	0.167	0.182	0.187	0.205	0.158	24.18
33)	4-Chloroaniline	0.425	0.477	0.444	0.434	0.440	0.440	0.450	0.444	3.70
34) C	Hexachlorobuta...	0.350	0.366	0.327	0.323	0.331	0.330	0.344	0.339	4.63
35)	Caprolactam	0.087	0.107	0.105	0.104	0.103	0.106	0.106	0.103	6.88
36) C	4-Chloro-3-met...	0.358	0.403	0.381	0.370	0.379	0.382	0.386	0.380	3.62
37)	2-Methylnaphth...	0.791	0.851	0.765	0.751	0.768	0.764	0.787	0.782	4.24
38)	1-Methylnaphth...	0.755	0.803	0.733	0.710	0.718	0.720	0.738	0.740	4.27

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.806	0.844	0.763	0.755	0.780	0.777	0.820	0.792	4.09
41) P	Hexachlorocycl...	0.404	0.459	0.436	0.450	0.480	0.475	0.506	0.459	7.23
42) S	2,4,6-Tribromo...	0.274	0.325	0.308	0.308	0.317	0.322	0.329	0.312	5.92
43) C	2,4,6-Trichlor...	0.425	0.486	0.462	0.464	0.478	0.482	0.500	0.471	5.11
44)	2,4,5-Trichlor...	0.457	0.512	0.476	0.480	0.494	0.493	0.515	0.490	4.21
45) S	2-Fluorobiphenyl	1.572	1.669	1.512	1.474	1.513	1.512	1.577	1.547	4.20
46)	1,1'-Biphenyl	1.611	1.679	1.524	1.473	1.515	1.523	1.593	1.560	4.53
47)	2-Chloronaphth...	1.350	1.400	1.280	1.236	1.266	1.273	1.324	1.304	4.35
48)	2-Nitroaniline	0.311	0.395	0.380	0.387	0.398	0.404	0.421	0.385	9.18
49)	Acenaphthylene	1.849	1.985	1.823	1.791	1.829	1.842	1.915	1.862	3.54
50)	Dimethylphthalate	1.637	1.788	1.635	1.575	1.596	1.622	1.651	1.643	4.20
51)	2,6-Dinitrotol...	0.300	0.356	0.335	0.325	0.334	0.344	0.347	0.334	5.37
52) C	Acenaphthene	1.238	1.336	1.225	1.213	1.235	1.254	1.296	1.257	3.50
53)	3-Nitroaniline	0.285	0.340	0.326	0.325	0.335	0.339	0.346	0.328	6.20
54) P	2,4-Dinitrophenol	0.084	0.126	0.143	0.162	0.177	0.185	0.195	0.153	25.42
55)	Dibenzofuran	1.962	2.058	1.870	1.812	1.844	1.851	1.902	1.900	4.45
56) P	4-Nitrophenol	0.204	0.249	0.247	0.246	0.256	0.260	0.256	0.246	7.71
57)	2,4-Dinitrotol...	0.387	0.465	0.455	0.450	0.460	0.472	0.478	0.452	6.74
58)	Fluorene	1.537	1.680	1.517	1.473	1.488	1.506	1.529	1.533	4.47
59)	2,3,4,6-Tetrac...	0.426	0.481	0.472	0.467	0.470	0.480	0.491	0.470	4.45
60)	Diethylphthalate	1.588	1.761	1.605	1.554	1.568	1.590	1.605	1.610	4.29
61)	4-Chlorophenyl...	0.945	1.014	0.916	0.878	0.898	0.905	0.932	0.927	4.78
62)	4-Nitroaniline	0.312	0.383	0.369	0.365	0.367	0.377	0.375	0.364	6.56
63)	Azobenzene	1.500	1.655	1.520	1.457	1.473	1.488	1.501	1.513	4.34
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.088	0.096	0.103	0.110	0.115	0.120	0.105		11.46
66) c	n-Nitrosodiphe...	0.602	0.628	0.584	0.573	0.580	0.587	0.614	0.595	3.35
67)	4-Bromophenyl-...	0.267	0.279	0.262	0.258	0.262	0.266	0.280	0.268	3.23
68)	Hexachlorobenzene	0.308	0.327	0.302	0.297	0.300	0.305	0.317	0.308	3.39
69)	Atrazine	0.227	0.248	0.235	0.229	0.227	0.230	0.231	0.232	3.17
70) C	Pentachlorophenol	0.132	0.140	0.149	0.158	0.165	0.169	0.152		9.67
71)	Phenanthrene	1.145	1.186	1.089	1.063	1.080	1.091	1.125	1.111	3.89
72)	Anthracene	1.066	1.137	1.067	1.034	1.052	1.069	1.088	1.073	3.05
73)	Carbazole	0.949	1.029	0.951	0.925	0.931	0.949	0.952	0.955	3.57
74)	Di-n-butylphth...	1.066	1.209	1.169	1.156	1.165	1.193	1.201	1.166	4.13
75) C	Fluoranthene	1.356	1.476	1.369	1.326	1.322	1.360	1.349	1.365	3.78
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.543	0.551	0.446	0.496	0.414	0.425		0.479	12.43
78)	Pyrene	1.303	1.364	1.271	1.299	1.341	1.335	1.463	1.340	4.68
79) S	Terphenyl-d14	1.120	1.164	1.076	1.103	1.137	1.133	1.227	1.137	4.24
80)	Butylbenzylpht...	0.413	0.482	0.471	0.496	0.511	0.515	0.548	0.491	8.62
81)	Benzo(a)anthra...	1.319	1.409	1.312	1.305	1.309	1.319	1.361	1.333	2.87
82)	3,3'-Dichlorob...	0.456	0.508	0.477	0.468	0.458	0.457	0.446	0.467	4.39
83)	Chrysene	1.294	1.344	1.248	1.230	1.222	1.238	1.274	1.264	3.42
84)	Bis(2-ethylhex...	0.598	0.702	0.678	0.711	0.721	0.735	0.771	0.702	7.72
85) c	Di-n-octyl pht...	0.956	1.147	1.127	1.168	1.166	1.203	1.214	1.140	7.58

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.397	1.543	1.451	1.377	1.392	1.372	1.516	1.435		4.87
88)	Benzo(b)fluora...	1.334	1.435	1.320	1.376	1.394	1.452	1.457	1.396		3.96
89)	Benzo(k)fluora...	1.311	1.368	1.305	1.290	1.330	1.311	1.407	1.332		3.11
90) C	Benzo(a)pyrene	1.191	1.290	1.217	1.221	1.235	1.253	1.303	1.244		3.26
91)	Dibenzo(a,h)an...	1.150	1.281	1.213	1.155	1.173	1.159	1.268	1.200		4.59
92)	Benzo(g,h,i)pe...	1.094	1.199	1.141	1.056	1.074	1.040	1.181	1.112		5.60

(#) = Out of Range