

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF010721.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jan 08 01:05:04 2021
 Response Via : Initial Calibration

Calibration Files

5 =BF122926.D 10 =BF122927.D 20 =BF122928.D 40 =BF122929.D 50 =BF122930.D 60 =BF122931.D 80 =BF122932.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.638	0.728	0.657	0.545	0.626	0.628	0.535	0.622	10.64
3)	Pyridine	1.753	2.011	1.785	1.522	1.656	1.657	1.462	1.692	10.76
4)	n-Nitrosodimet...	0.734	0.833	0.735	0.629	0.707	0.701	0.614	0.707	10.37
5) S	2-Fluorophenol	1.465	1.622	1.430	1.178	1.284	1.283	1.063	1.332	14.10
6)	Aniline	2.174	2.475	2.250	1.935	2.179	2.189	1.889	2.156	9.12
7) S	Phenol-d6	1.935	2.200	1.919	1.596	1.757	1.763	1.485	1.808	13.08
8)	2-Chlorophenol	1.530	1.731	1.510	1.273	1.414	1.397	1.182	1.434	12.55
9)	Benzaldehyde		1.334	1.086	0.780	0.774	0.720		0.939	28.07
10) C	Phenol	1.873	2.142	1.900	1.584	1.766	1.769	1.494	1.790	11.93
11)	bis(2-Chloroet...	1.504	1.719	1.508	1.298	1.416	1.412	1.193	1.436	11.70
12)	1,3-Dichlorobe...	1.723	1.961	1.727	1.461	1.619	1.601	1.345	1.634	12.21
13) C	1,4-Dichlorobe...	1.750	1.986	1.746	1.458	1.611	1.598	1.345	1.642	12.82
14)	1,2-Dichlorobe...	1.664	1.919	1.666	1.373	1.522	1.491	1.220	1.551	14.58
15)	Benzyl Alcohol	1.292	1.491	1.365	1.153	1.284	1.268	1.076	1.276	10.59
16)	2,2'-oxybis(1-...	2.424	2.740	2.407	1.973	2.222	2.140	1.826	2.247	13.65
17)	2-Methylphenol	1.226	1.424	1.248	1.059	1.182	1.178	1.017	1.191	11.19
18)	Hexachloroethane	0.676	0.729	0.647	0.537	0.596	0.602	0.507	0.614	12.61
19) P	n-Nitroso-di-n...	1.193	1.339	1.166	0.965	1.077	1.065	0.916	1.103	13.01
20)	3+4-Methylphenols	1.629	1.892	1.627	1.342	1.477	1.465	1.205	1.520	14.65
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.557	0.641	0.549	0.469	0.517	0.523	0.442	0.528	12.27
23) S	Nitrobenzene-d5	0.416	0.472	0.414	0.360	0.402	0.414	0.355	0.404	9.76
24)	Nitrobenzene	0.412	0.472	0.415	0.363	0.402	0.415	0.356	0.405	9.50
25)	Isophorone	0.745	0.841	0.744	0.638	0.719	0.742	0.650	0.725	9.39
26) C	2-Nitrophenol	0.169	0.197	0.176	0.162	0.184	0.194	0.169	0.179	7.43
27)	2,4-Dimethylph...	0.350	0.371	0.318	0.279	0.309	0.319	0.276	0.317	10.91
28)	bis(2-Chloroet...	0.498	0.576	0.507	0.433	0.494	0.502	0.430	0.491	10.11
29) C	2,4-Dichloroph...	0.320	0.366	0.325	0.285	0.327	0.335	0.289	0.321	8.63
30)	1,2,4-Trichlor...	0.376	0.423	0.376	0.332	0.368	0.379	0.318	0.368	9.33
31)	Naphthalene	1.145	1.294	1.148	0.965	1.078	1.095	0.892	1.088	12.03
32)	Benzoic acid	0.185	0.242	0.236	0.210	0.263	0.284	0.246	0.238	13.83
33)	4-Chloroaniline	0.493	0.549	0.488	0.414	0.468	0.488	0.402	0.472	10.64
34) C	Hexachlorobuta...	0.212	0.246	0.221	0.190	0.218	0.222	0.189	0.214	9.20
35)	Caprolactam	0.111	0.123	0.107	0.094	0.109	0.113	0.097	0.108	9.24
36) C	4-Chloro-3-met...	0.336	0.382	0.342	0.289	0.333	0.339	0.290	0.330	9.74
37)	2-Methylnaphth...	0.796	0.888	0.797	0.658	0.735	0.743	0.620	0.748	12.09
38)	1-Methylnaphth...	0.748	0.842	0.753	0.622	0.701	0.703	0.589	0.708	11.98

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.642	0.725	0.675	0.568	0.636	0.660	0.557	0.638	9.27
41) P	Hexachlorocycl...	0.343	0.381	0.357	0.308	0.341	0.354	0.304	0.341	8.02
42) S	2,4,6-Tribromo...	0.216	0.260	0.236	0.202	0.230	0.235	0.202	0.226	9.19
43) C	2,4,6-Trichlor...	0.444	0.506	0.461	0.404	0.460	0.478	0.408	0.452	8.06
44)	2,4,5-Trichlor...	0.441	0.494	0.459	0.403	0.447	0.474	0.408	0.447	7.42
45) S	2-Fluorobiphenyl	1.542	1.721	1.505	1.166	1.260	1.272	1.411		15.01
46)	1,1'-Biphenyl	1.681	1.941	1.727	1.428	1.572	1.597	1.301	1.607	12.91
47)	2-Chloronaphth...	1.360	1.548	1.380	1.154	1.291	1.312	1.090	1.305	11.56
48)	2-Nitroaniline	0.373	0.441	0.404	0.347	0.402	0.417	0.364	0.393	8.34
49)	Acenaphthylene	2.035	2.294	2.062	1.694	1.891	1.917	1.615	1.930	11.91
50)	Dimethylphthalate	1.559	1.750	1.575	1.293	1.455	1.501	1.280	1.488	11.12
51)	2,6-Dinitrotol...	0.287	0.348	0.334	0.288	0.327	0.346	0.298	0.318	8.36
52) C	Acenaphthene	1.331	1.515	1.339	1.122	1.243	1.266	1.064	1.269	11.76
53)	3-Nitroaniline	0.357	0.420	0.384	0.335	0.373	0.404	0.343	0.374	8.40
54) P	2,4-Dinitrophenol	0.089	0.110	0.110	0.105	0.128	0.138	0.125	0.115	14.34
55)	Dibenzofuran	1.898	2.143	1.902	1.587	1.758	1.802	1.494	1.798	11.98
56) P	4-Nitrophenol	0.275	0.314	0.292	0.255	0.287	0.299	0.261	0.283	7.46
57)	2,4-Dinitrotol...	0.359	0.442	0.418	0.367	0.429	0.446	0.386	0.407	8.78
58)	Fluorene	1.562	1.731	1.537	1.223	1.357	1.348	1.460		12.61
59)	2,3,4,6-Tetrac...	0.382	0.451	0.400	0.347	0.389	0.403	0.345	0.388	9.32
60)	Diethylphthalate	1.580	1.765	1.576	1.296	1.473	1.475	1.246	1.487	11.95
61)	4-Chlorophenyl...	0.766	0.856	0.763	0.612	0.692	0.690	0.569	0.707	13.83
62)	4-Nitroaniline	0.358	0.408	0.378	0.326	0.375	0.389	0.336	0.367	7.96
63)	Azobenzene	1.561	1.776	1.561	1.284	1.428	1.448	1.202	1.465	13.03
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.079	0.083	0.083	0.098	0.106	0.095	0.091		12.03
66) c	n-Nitrosodiphe...	0.696	0.790	0.707	0.602	0.673	0.681	0.568	0.674	10.74
67)	4-Bromophenyl-...	0.239	0.278	0.247	0.220	0.244	0.251	0.215	0.242	8.69
68)	Hexachlorobenzene	0.258	0.293	0.265	0.238	0.266	0.267	0.230	0.260	7.96
69)	Atrazine	0.229	0.253	0.226	0.194	0.214	0.215	0.178	0.216	11.38
70) C	Pentachlorophenol	0.142	0.170	0.160	0.146	0.168	0.171	0.145	0.157	8.07
71)	Phenanthrene	1.219	1.361	1.197	1.002	1.121	1.111	0.922	1.133	12.77
72)	Anthracene	1.192	1.363	1.206	0.994	1.103	1.105	0.903	1.124	13.36
73)	Carbazole	1.101	1.265	1.102	0.923	1.019	1.025	0.861	1.042	12.67
74)	Di-n-butylphth...	1.394	1.531	1.336	1.090	1.188	1.192	0.986	1.245	15.00
75) C	Fluoranthene	1.310	1.479	1.282	1.068	1.170	1.183	0.951	1.206	14.24
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.676	0.599	0.486	0.513	0.581	0.571			13.13
78)	Pyrene	1.604	1.824	1.571	1.365	1.550	1.588	1.380	1.555	9.92
79) S	Terphenyl-d14	1.195	1.345	1.112	0.919	1.026	1.061	0.898	1.079	14.47
80)	Butylbenzylpht...	0.681	0.776	0.689	0.597	0.681	0.699	0.616	0.677	8.64
81)	Benzo(a)anthra...	1.441	1.609	1.411	1.166	1.310	1.324	1.134	1.342	12.22
82)	3,3'-Dichlorob...	0.480	0.539	0.487	0.395	0.426	0.435	0.360	0.446	13.58
83)	Chrysene	1.375	1.523	1.354	1.131	1.258	1.294	1.121	1.294	10.94
84)	Bis(2-ethylhex...	0.946	1.071	0.945	0.778	0.863	0.875	0.748	0.889	12.39
85) c	Di-n-octyl pht...	1.603	1.786	1.607	1.320	1.470	1.482	1.271	1.505	11.81

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[illegible]

(#) = Out of Range