

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP032221.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Mar 22 17:08:54 2021
 Response Via : Initial Calibration

Calibration Files

5 =BP005010.D 10 =BP005011.D 20 =BP005017.D 40 =BP005013.D 50 =BP005014.D 60 =BP005015.D 80 =BP005016.D

Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.514	0.672	0.523	0.470	0.453	0.438	0.415	0.498	17.25
3) Pyridine	1.116	1.465	1.297	1.195	1.150	1.152	1.111	1.212	10.54
4) n-Nitrosodimet...	0.412	0.532	0.501	0.448	0.443	0.424	0.436	0.457	9.54
5) S 2-Fluorophenol	1.260	1.562	1.331	1.213	1.205	1.172	1.120	1.266	11.55
6) Aniline	1.828	2.334	2.013	1.883	1.789	1.719	1.705	1.896	11.59
7) S Phenol-d6	1.690	2.071	1.797	1.688	1.640	1.584	1.568	1.720	10.05
8) 2-Chlorophenol	1.398	1.750	1.468	1.407	1.351	1.321	1.264	1.423	11.13
9) Benzaldehyde		1.069	0.786	0.733	0.693	0.634		0.783	21.63
10) C Phenol	1.662	2.095	1.774	1.691	1.626	1.572	1.544	1.709	10.90
11) bis(2-Chloroet...	1.150	1.559	1.304	1.215	1.181	1.145	1.112	1.238	12.47
12) 1,3-Dichlorobe...	1.595	1.922	1.602	1.528	1.471	1.425	1.367	1.559	11.67
13) C 1,4-Dichlorobe...	1.591	1.987	1.648	1.555	1.503	1.461	1.374	1.589	12.40
14) 1,2-Dichlorobe...	1.563	1.880	1.596	1.488	1.447	1.395	1.317	1.526	11.96
15) Benzyl Alcohol	0.992	1.409	1.235	1.213	1.148	1.114	1.120	1.176	11.02
16) 2,2'-oxybis(1-...	1.011	1.232	1.055	0.960	0.919	0.891	0.903	0.996	12.03
17) 2-Methylphenol	1.094	1.405	1.258	1.179	1.132	1.082	1.058	1.172	10.46
18) Hexachloroethane	0.545	0.732	0.583	0.568	0.543	0.527	0.509	0.572	13.02
19) P n-Nitroso-di-n...	0.855	1.138	1.009	0.977	0.902	0.869	0.889	0.948	10.65
20) 3+4-Methylphenols	1.481	1.928	1.694	1.593	1.535	1.476	1.454	1.594	10.60
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.466	0.600	0.523	0.518	0.493	0.502	0.498	0.514	8.22
23) S Nitrobenzene-d5	0.342	0.443	0.386	0.375	0.357	0.360	0.367	0.376	8.75
24) Nitrobenzene	0.368	0.468	0.399	0.380	0.365	0.365	0.372	0.388	9.59
25) Isophorone	0.616	0.785	0.718	0.709	0.668	0.676	0.692	0.695	7.45
26) C 2-Nitrophenol	0.164	0.208	0.191	0.196	0.194	0.191	0.195	0.191	6.90
27) 2,4-Dimethylph...	0.265	0.342	0.304	0.304	0.287	0.290	0.291	0.298	7.90
28) bis(2-Chloroet...	0.364	0.438	0.383	0.383	0.356	0.358	0.365	0.378	7.55
29) C 2,4-Dichloroph...	0.298	0.371	0.325	0.338	0.323	0.329	0.319	0.329	6.74
30) 1,2,4-Trichlor...	0.346	0.418	0.355	0.364	0.348	0.352	0.338	0.360	7.36
31) Naphthalene	1.100	1.356	1.135	1.128	1.084	1.087	1.081	1.139	8.63
32) Benzoic acid		0.203	0.211	0.220	0.224	0.235	0.242	0.222	6.53
33) 4-Chloroaniline	0.407	0.501	0.464	0.470	0.441	0.442	0.447	0.453	6.45
34) C Hexachlorobuta...	0.209	0.248	0.210	0.224	0.216	0.214	0.200	0.217	6.97
35) Caprolactam	0.083	0.108	0.106	0.113	0.106	0.104	0.108	0.104	9.15
36) C 4-Chloro-3-met...	0.321	0.429	0.391	0.390	0.366	0.369	0.376	0.377	8.70
37) 2-Methylnaphth...	0.768	0.925	0.800	0.824	0.776	0.773	0.768	0.805	7.06
38) 1-Methylnaphth...	0.685	0.869	0.757	0.776	0.725	0.726	0.727	0.752	7.84

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.579	0.698	0.582	0.598	0.588	0.591	0.559	0.599	7.55
41) P	Hexachlorocycl...	0.271	0.367	0.306	0.353	0.354	0.352	0.328	0.333	10.27
42) S	2,4,6-Tribromo...	0.247	0.311	0.264	0.309	0.296	0.293	0.258	0.282	9.08
43) C	2,4,6-Trichlor...	0.370	0.490	0.424	0.436	0.434	0.429	0.418	0.429	8.17
44)	2,4,5-Trichlor...	0.410	0.526	0.451	0.479	0.463	0.460	0.442	0.461	7.73
45) S	2-Fluorobiphenyl	1.377	1.715	1.440	1.443	1.429	1.416	1.391	1.459	7.94
46)	1,1'-Biphenyl	1.472	1.845	1.574	1.526	1.500	1.504	1.473	1.556	8.48
47)	2-Chloronaphth...	1.186	1.487	1.233	1.232	1.200	1.204	1.183	1.246	8.67
48)	2-Nitroaniline	0.272	0.365	0.343	0.333	0.329	0.324	0.343	0.330	8.73
49)	Acenaphthylene	1.880	2.312	1.966	1.970	1.928	1.909	1.899	1.980	7.57
50)	Dimethylphthalate	1.513	1.811	1.547	1.558	1.487	1.476	1.466	1.551	7.71
51)	2,6-Dinitrotol...	0.307	0.401	0.361	0.366	0.353	0.355	0.344	0.355	7.91
52) C	Acenaphthene	1.177	1.432	1.206	1.197	1.166	1.177	1.156	1.216	7.99
53)	3-Nitroaniline	0.260	0.412	0.361	0.367	0.354	0.352	0.360	0.352	12.88
54) P	2,4-Dinitrophenol	0.187	0.188	0.221	0.231	0.218	0.218	0.211		8.80
55)	Dibenzofuran	1.877	2.291	1.943	1.932	1.879	1.878	1.829	1.947	8.03
56) P	4-Nitrophenol	0.308	0.290	0.298	0.296	0.303	0.301	0.299		2.08
57)	2,4-Dinitrotol...	0.405	0.536	0.480	0.497	0.492	0.480	0.480	0.482	8.14
58)	Fluorene	1.532	1.839	1.551	1.576	1.543	1.542	1.515	1.586	7.14
59)	2,3,4,6-Tetrac...	0.341	0.461	0.405	0.429	0.417	0.409	0.389	0.407	9.06
60)	Diethylphthalate	1.453	1.797	1.560	1.585	1.509	1.480	1.511	1.556	7.40
61)	4-Chlorophenyl...	0.745	0.891	0.759	0.776	0.764	0.755	0.726	0.774	6.99
62)	4-Nitroaniline	0.263	0.396	0.365	0.390	0.380	0.375	0.374	0.363	12.54
63)	Azobenzene	1.346	1.713	1.443	1.391	1.348	1.341	1.379	1.423	9.34
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.097	0.149	0.144	0.157	0.150	0.145	0.147	0.141	14.19
66) c	n-Nitrosodiphe...	0.611	0.787	0.682	0.666	0.639	0.639	0.638	0.666	8.71
67)	4-Bromophenyl-...	0.209	0.262	0.221	0.238	0.227	0.226	0.210	0.228	7.99
68)	Hexachlorobenzene	0.251	0.310	0.263	0.277	0.266	0.261	0.243	0.267	8.11
69)	Atrazine	0.183	0.239	0.214	0.225	0.205	0.201	0.192	0.208	9.22
70) C	Pentachlorophenol	0.138	0.181	0.171	0.188	0.180	0.178	0.167	0.172	9.63
71)	Phenanthrene	1.109	1.398	1.191	1.187	1.125	1.120	1.110	1.177	8.81
72)	Anthracene	1.063	1.333	1.164	1.165	1.116	1.109	1.098	1.150	7.69
73)	Carbazole	0.985	1.319	1.128	1.114	1.076	1.064	1.056	1.106	9.47
74)	Di-n-butylphth...	1.014	1.402	1.267	1.285	1.235	1.221	1.258	1.240	9.36
75) C	Fluoranthene	1.228	1.580	1.328	1.365	1.306	1.286	1.246	1.334	8.84
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.337	0.449	0.405	0.498	0.449	0.428	0.339	0.415	14.34
78)	Pyrene	1.261	1.572	1.442	1.409	1.325	1.351	1.343	1.386	7.25
79) S	Terphenyl-d14	1.005	1.232	1.117	1.136	1.077	1.078	1.050	1.099	6.60
80)	Butylbenzylpht...	0.458	0.601	0.579	0.580	0.558	0.566	0.602	0.563	8.74
81)	Benzo(a)anthra...	1.262	1.561	1.371	1.359	1.299	1.291	1.254	1.343	7.92
82)	3,3'-Dichlorob...	0.378	0.509	0.454	0.487	0.468	0.460	0.434	0.456	9.19
83)	Chrysene	1.225	1.530	1.336	1.346	1.258	1.256	1.223	1.311	8.30
84)	Bis(2-ethylhex...	0.672	0.894	0.845	0.843	0.808	0.824	0.875	0.823	8.82
85) c	Di-n-octyl pht...	1.138	1.529	1.421	1.437	1.354	1.363	1.453	1.385	8.93

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(#) = Out of Range