

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF092421.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Sep 24 15:38:32 2021
 Response Via : Initial Calibration

Calibration Files

5 =BF125615.D 10 =BF125616.D 20 =BF125617.D 40 =BF125618.D 50 =BF125619.D 60 =BF125620.D 80 =BF125621.D

	Compound	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.583	0.562	0.552	0.504	0.481	0.482	0.452	0.517	9.52
3)	Pyridine	1.508	1.454	1.431	1.349	1.293	1.303	1.226	1.366	7.39
4)	n-Nitrosodimet...	0.535	0.537	0.531	0.490	0.492	0.495	0.468	0.507	5.36
5) S	2-Fluorophenol	1.318	1.354	1.333	1.183	1.144	1.132	1.033	1.214	10.09
6)	Aniline	2.058	2.085	1.947	1.791	1.798	1.814	1.696	1.884	7.85
7) S	Phenol-d6	1.856	1.874	1.758	1.561	1.514	1.498	1.361	1.632	12.12
8)	2-Chlorophenol	1.417	1.524	1.506	1.352	1.331	1.318	1.192	1.377	8.40
9)	Benzaldehyde		1.106	0.990	0.742	0.721	0.679		0.848	22.30
10) C	Phenol	1.855	1.852	1.760	1.621	1.557	1.519	1.383	1.650	10.88
11)	bis(2-Chloroet...	1.491	1.475	1.346	1.199	1.182	1.188	1.092	1.282	12.21
12)	1,3-Dichlorobe...	1.749	1.745	1.639	1.436	1.400	1.405	1.269	1.520	12.44
13) C	1,4-Dichlorobe...	1.815	1.772	1.672	1.467	1.424	1.398	1.281	1.547	13.28
14)	1,2-Dichlorobe...	1.733	1.713	1.577	1.369	1.349	1.313	1.162	1.460	14.88
15)	Benzyl Alcohol	1.226	1.259	1.184	1.097	1.096	1.083	0.980	1.132	8.51
16)	2,2'-oxybis(1-...	1.900	1.897	1.713	1.509	1.529	1.492	1.382	1.632	12.67
17)	2-Methylphenol	1.225	1.271	1.182	1.073	1.076	1.081	0.997	1.129	8.71
18)	Hexachloroethane	0.526	0.559	0.530	0.486	0.487	0.482	0.447	0.502	7.49
19) P	n-Nitroso-di-n...	1.091	1.087	0.965	0.864	0.856	0.855	0.786	0.929	13.04
20)	3+4-Methylphenols	1.640	1.674	1.553	1.360	1.311	1.272	1.127	1.420	14.49
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.520	0.521	0.486	0.431	0.419	0.417	0.383	0.454	12.04
23) S	Nitrobenzene-d5		0.240	0.278	0.290	0.299	0.314	0.301	0.287	9.05
24)	Nitrobenzene	0.207	0.269	0.306	0.306	0.316	0.327	0.310	0.292	14.20
25)	Isophorone	0.711	0.690	0.656	0.610	0.608	0.617	0.604	0.642	6.82
26) C	2-Nitrophenol	0.064	0.087	0.111	0.132	0.148	0.164	0.164	0.124	31.11#
27)	2,4-Dimethylph...	0.302	0.298	0.297	0.276	0.277	0.282	0.267	0.286	4.69
28)	bis(2-Chloroet...	0.401	0.397	0.378	0.345	0.342	0.344	0.328	0.362	8.13
29) C	2,4-Dichloroph...	0.258	0.291	0.298	0.285	0.289	0.289	0.277	0.284	4.52
30)	1,2,4-Trichlor...	0.340	0.341	0.326	0.296	0.291	0.289	0.278	0.309	8.39
31)	Naphthalene	1.193	1.178	1.115	0.983	0.948	0.933	0.839	1.027	13.22
32)	Benzoic acid		0.110	0.140	0.175	0.201	0.225	0.233	0.181	26.88
33)	4-Chloroaniline	0.470	0.464	0.449	0.412	0.413	0.414	0.394	0.431	6.90
34) C	Hexachlorobuta...	0.192	0.190	0.179	0.161	0.159	0.159	0.151	0.170	9.59
35)	Caprolactam	0.092	0.094	0.093	0.091	0.093	0.093	0.092	0.093	1.09
36) C	4-Chloro-3-met...	0.303	0.315	0.310	0.290	0.290	0.292	0.280	0.297	4.23
37)	2-Methylnaphth...	0.801	0.798	0.747	0.664	0.644	0.641	0.581	0.696	12.29
38)	1-Methylnaphth...	0.773	0.753	0.697	0.629	0.606	0.599	0.550	0.658	12.75

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.583	0.581	0.559	0.490	0.490	0.485	0.454	0.520	10.10
41) P	Hexachlorocycl...	0.180	0.208	0.232	0.225	0.233	0.237	0.226	0.220	9.13
42) S	2,4,6-Tribromo...	0.157	0.184	0.205	0.189	0.195	0.193	0.182	0.186	8.10
43) C	2,4,6-Trichlor...	0.311	0.361	0.389	0.368	0.375	0.389	0.361	0.365	7.24
44)	2,4,5-Trichlor...	0.335	0.404	0.419	0.398	0.409	0.401	0.391	0.394	7.00
45) S	2-Fluorobiphenyl	1.518	1.390	1.141	1.097	1.043		1.238		16.60
46)	1,1'-Biphenyl	1.733	1.684	1.585	1.407	1.373	1.337	1.204	1.475	13.27
47)	2-Chloronaphth...	1.368	1.374	1.313	1.159	1.152	1.136	1.044	1.221	10.61
48)	2-Nitroaniline	0.133	0.189	0.238	0.264	0.289	0.302	0.299	0.245	25.95
49)	Acenaphthylene	2.074	2.089	1.995	1.762	1.743	1.687	1.517	1.838	11.84
50)	Dimethylphthalate	1.505	1.508	1.429	1.274	1.281	1.259	1.174	1.347	9.81
51)	2,6-Dinitrotol...	0.130	0.170	0.229	0.250	0.276	0.294	0.282	0.233	26.44
52) C	Acenaphthene	1.315	1.296	1.226	1.079	1.093	1.063	0.994	1.152	10.89
53)	3-Nitroaniline	0.166	0.223	0.276	0.294	0.319	0.329	0.318	0.275	21.86
54) P	2,4-Dinitrophenol	0.063	0.068	0.086	0.106	0.120	0.126	0.095		27.98
55)	Dibenzofuran	2.028	1.977	1.880	1.623	1.623	1.551	1.422	1.729	13.40
56) P	4-Nitrophenol	0.185	0.231	0.247	0.270	0.285	0.271	0.248		14.68
57)	2,4-Dinitrotol...	0.144	0.201	0.265	0.305	0.350	0.364	0.356	0.284	29.90
58)	Fluorene	1.588	1.528	1.415	1.204	1.192	1.147	1.346		14.10
59)	2,3,4,6-Tetrac...	0.258	0.304	0.324	0.307	0.316	0.315	0.298	0.303	7.11
60)	Diethylphthalate	1.450	1.446	1.381	1.231	1.240	1.220	1.125	1.299	9.71
61)	4-Chlorophenyl...	0.712	0.675	0.622	0.534	0.535	0.511	0.598		14.06
62)	4-Nitroaniline	0.189	0.239	0.294	0.294	0.318	0.321	0.305	0.280	17.28
63)	Azobenzene	1.447	1.414	1.337	1.178	1.180	1.154	1.069	1.254	11.53
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.045	0.063	0.080	0.096	0.105	0.108	0.083		30.18
66) c	n-Nitrosodiphe...	0.775	0.766	0.713	0.654	0.646	0.646	0.606	0.687	9.52
67)	4-Bromophenyl-...	0.230	0.231	0.214	0.201	0.203	0.199	0.192	0.210	7.39
68)	Hexachlorobenzene	0.277	0.274	0.257	0.234	0.232	0.232	0.220	0.246	9.16
69)	Atrazine	0.208	0.205	0.196	0.182	0.167	0.166	0.151	0.182	11.98
70) C	Pentachlorophenol	0.097	0.119	0.133	0.138	0.143	0.145	0.137	0.130	13.01
71)	Phenanthrene	1.339	1.291	1.213	1.072	1.027	0.999	0.909	1.122	14.36
72)	Anthracene	1.299	1.267	1.210	1.070	1.022	1.001	0.889	1.108	13.80
73)	Carbazole	1.283	1.232	1.205	1.039	1.010	0.978	0.887	1.091	13.67
74)	Di-n-butylphth...	1.207	1.265	1.221	1.054	1.045	0.998	0.907	1.100	12.07
75) C	Fluoranthene	1.366	1.304	1.271	1.051	1.001		1.199		13.53
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.639	0.571	0.556	0.445	0.416		0.525		17.65
78)	Pyrene	1.799	1.844	1.933	1.931	1.794	1.762	1.588	1.807	6.50
79) S	Terphenyl-d14	1.279	1.285	1.271	1.174	1.083	1.058	0.934	1.155	11.69
80)	Butylbenzylpht...	0.496	0.602	0.636	0.614	0.625	0.625	0.593	0.599	7.92
81)	Benzo(a)anthra...	1.520	1.510	1.425	1.309	1.270	1.276	1.201	1.359	9.27
82)	3,3'-Dichlorob...	0.422	0.427	0.416	0.363	0.375	0.382	0.359	0.392	7.43
83)	Chrysene	1.541	1.500	1.426	1.295	1.278	1.285	1.218	1.363	9.16
84)	Bis(2-ethylhex...	0.654	0.747	0.703	0.643	0.694	0.690	0.666	0.685	5.12
85) c	Di-n-octyl pht...	0.837	0.907	0.905	0.933	1.125	1.156	1.171	1.005	13.93

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[illegible]

(#) = Out of Range