

Method Path : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\
 Method File : 8270-BM091720.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Sep 17 20:07:45 2020
 Response Via : Initial Calibration

Calibration Files

5 =BM027448.D 10 =BM027449.D 20 =BM027450.D 40 =BM027451.D 50 =BM027452.D 60 =BM027453.D 80 =BM027454.D

Compound	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.667	0.702	0.586	0.527	0.519	0.515	0.490	0.572	14.45
3) Pyridine	1.534	1.788	1.619	1.358	1.424	1.432	1.436	1.513	9.80
4) n-Nitrosodimet...	0.648	0.669	0.555	0.527	0.520	0.510	0.505	0.562	12.10
5) S 2-Fluorophenol	1.116	1.230	1.120	1.063	1.094	1.102	1.087	1.116	4.82
6) Aniline	1.600	1.826	1.729	1.656	1.708	1.693	1.727	1.706	4.09
7) S Phenol-d6	1.414	1.601	1.495	1.451	1.522	1.494	1.544	1.503	4.07
8) 2-Chlorophenol	1.131	1.271	1.165	1.093	1.138	1.130	1.126	1.151	4.97
9) Benzaldehyde	1.147	1.217	1.071	0.961	0.952	0.897	0.817	1.009	14.07
10) C Phenol	1.395	1.559	1.440	1.380	1.436	1.409	1.439	1.437	4.11
11) bis(2-Chloroet...	1.275	1.317	1.254	1.169	1.217	1.210	1.241	1.241	3.88
12) 1,3-Dichlorobe...	1.573	1.702	1.538	1.406	1.453	1.456	1.439	1.510	6.83
13) C 1,4-Dichlorobe...	1.594	1.732	1.529	1.408	1.476	1.464	1.455	1.522	7.22
14) 1,2-Dichlorobe...	1.600	1.602	1.481	1.351	1.393	1.369	1.376	1.453	7.51
15) Benzyl Alcohol	1.079	1.268	1.222	1.181	1.236	1.228	1.305	1.217	5.94
16) 2,2'-oxybis(1-...	0.924	1.036	0.993	0.922	0.957	0.940	0.967	0.963	4.26
17) 2-Methylphenol	0.884	1.032	0.968	0.912	0.978	0.945	0.992	0.959	5.21
18) Hexachloroethane	0.657	0.716	0.618	0.568	0.589	0.596	0.594	0.620	8.19
19) P n-Nitroso-di-n...	1.125	1.234	1.176	1.095	1.116	1.094	1.185	1.146	4.62
20) 3+4-Methylphenols	1.130	1.307	1.275	1.253	1.300	1.273	1.364	1.272	5.65
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.546	0.596	0.539	0.509	0.526	0.518	0.537	0.539	5.28
23) S Nitrobenzene-d5	0.472	0.515	0.466	0.450	0.465	0.458	0.468	0.470	4.47
24) Nitrobenzene	0.506	0.531	0.475	0.449	0.470	0.459	0.462	0.479	6.05
25) Isophorone	0.728	0.808	0.745	0.714	0.734	0.713	0.771	0.745	4.57
26) C 2-Nitrophenol	0.141	0.174	0.165	0.171	0.183	0.183	0.193	0.173	9.71
27) 2,4-Dimethylph...	0.218	0.255	0.241	0.235	0.245	0.240	0.256	0.241	5.35
28) bis(2-Chloroet...	0.456	0.503	0.470	0.446	0.464	0.458	0.485	0.469	4.13
29) C 2,4-Dichloroph...	0.300	0.341	0.331	0.328	0.345	0.340	0.362	0.335	5.74
30) 1,2,4-Trichlor...	0.453	0.477	0.430	0.410	0.429	0.427	0.440	0.438	4.96
31) Naphthalene	1.043	1.117	1.023	0.975	1.014	1.007	1.048	1.033	4.31
32) Benzoic acid		0.085	0.124	0.170	0.199	0.202		0.156	32.37
33) 4-Chloroaniline	0.336	0.424	0.406	0.400	0.418	0.408	0.445	0.405	8.33
34) C Hexachlorobuta...	0.339	0.354	0.308	0.292	0.305	0.303	0.311	0.316	6.98
35) Caprolactam	0.063	0.078	0.087	0.089	0.089	0.086	0.099	0.085	13.18
36) C 4-Chloro-3-met...	0.300	0.356	0.342	0.337	0.340	0.336	0.369	0.340	6.27
37) 2-Methylnaphth...	0.780	0.829	0.779	0.744	0.769	0.760	0.825	0.784	4.09
38) 1-Methylnaphth...	0.744	0.814	0.737	0.713	0.726	0.720	0.778	0.748	4.86

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39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.729	0.751	0.685	0.667	0.722	0.732	0.761	0.721	4.71
41) P	Hexachlorocycl...	0.297	0.367	0.359	0.371	0.425	0.434	0.450	0.386	13.86
42) S	2,4,6-Tribromo...	0.304	0.342	0.326	0.311	0.326	0.321	0.351	0.326	5.01
43) C	2,4,6-Trichlor...	0.391	0.456	0.425	0.429	0.464	0.469	0.495	0.447	7.70
44)	2,4,5-Trichlor...	0.402	0.459	0.438	0.439	0.473	0.476	0.500	0.455	7.05
45) S	2-Fluorobiphenyl	1.515	1.606	1.426	1.410	1.517	1.535	1.608	1.517	5.14
46)	1,1'-Biphenyl	1.544	1.634	1.488	1.434	1.535	1.543	1.610	1.541	4.42
47)	2-Chloronaphth...	1.278	1.385	1.250	1.205	1.287	1.300	1.350	1.294	4.66
48)	2-Nitroaniline	0.299	0.378	0.382	0.390	0.403	0.401	0.427	0.383	10.51
49)	Acenaphthylene	1.730	1.917	1.814	1.757	1.849	1.841	1.953	1.837	4.35
50)	Dimethylphthalate	1.682	1.771	1.628	1.542	1.579	1.577	1.660	1.634	4.77
51)	2,6-Dinitrotol...	0.306	0.346	0.331	0.320	0.339	0.333	0.353	0.333	4.82
52) C	Acenaphthene	1.161	1.255	1.135	1.097	1.161	1.156	1.212	1.168	4.41
53)	3-Nitroaniline	0.219	0.283	0.301	0.309	0.322	0.325	0.345	0.301	13.67
54) P	2,4-Dinitrophenol		0.124	0.155	0.173	0.189	0.194		0.167	17.05
55)	Dibenzofuran	2.011	2.131	1.919	1.807	1.874	1.884	1.978	1.943	5.50
56) P	4-Nitrophenol		0.193	0.218	0.236	0.245	0.246	0.260	0.233	10.28
57)	2,4-Dinitrotol...	0.377	0.460	0.462	0.458	0.467	0.464	0.494	0.455	7.98
58)	Fluorene	1.582	1.715	1.577	1.508	1.566	1.571	1.682	1.600	4.52
59)	2,3,4,6-Tetrac...	0.431	0.482	0.461	0.447	0.457	0.452	0.488	0.460	4.28
60)	Diethylphthalate	1.665	1.824	1.673	1.586	1.602	1.575	1.665	1.656	5.12
61)	4-Chlorophenyl...	0.955	0.995	0.905	0.860	0.900	0.906	0.984	0.929	5.34
62)	4-Nitroaniline	0.184	0.268	0.315	0.328	0.337	0.341		0.296	20.60
63)	Azobenzene	1.638	1.833	1.705	1.607	1.631	1.610	1.696	1.674	4.79
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...		0.088	0.096	0.106	0.116	0.120	0.132	0.110	14.85
66) c	n-Nitrosodiphe...	0.559	0.616	0.571	0.565	0.603	0.603	0.650	0.595	5.49
67)	4-Bromophenyl-...	0.242	0.271	0.245	0.242	0.259	0.263	0.284	0.258	6.26
68)	Hexachlorobenzene	0.296	0.326	0.291	0.283	0.297	0.303	0.320	0.302	5.13
69)	Atrazine	0.203	0.233	0.221	0.215	0.222	0.225	0.232	0.221	4.70
70) C	Pentachlorophenol		0.135	0.145	0.157	0.168	0.170	0.182	0.160	10.89
71)	Phenanthrene	1.136	1.222	1.124	1.075	1.123	1.124	1.178	1.140	4.12
72)	Anthracene	1.017	1.141	1.072	1.044	1.092	1.101	1.143	1.087	4.31
73)	Carbazole	0.830	0.970	0.952	0.937	0.948	0.953	0.972	0.938	5.22
74)	Di-n-butylphth...	1.083	1.285	1.232	1.233	1.247	1.257	1.259	1.228	5.40
75) C	Fluoranthene	1.294	1.471	1.364	1.322	1.316	1.316	1.291	1.339	4.70
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine		0.269	0.329	0.400	0.462	0.452	0.470	0.397	20.61
78)	Pyrene	1.155	1.299	1.233	1.194	1.350	1.364	1.543	1.305	10.00
79) S	Terphenyl-d14	1.014	1.116	1.060	1.027	1.156	1.170	1.303	1.121	8.98
80)	Butylbenzylpht...	0.397	0.475	0.498	0.506	0.553	0.559	0.596	0.512	12.81
81)	Benzo(a)anthra...	1.242	1.372	1.280	1.236	1.300	1.314	1.354	1.299	4.00
82)	3,3'-Dichlorob...	0.354	0.408	0.427	0.444	0.464	0.475	0.460	0.433	9.68
83)	Chrysene	1.263	1.350	1.267	1.213	1.252	1.283	1.286	1.274	3.27
84)	Bis(2-ethylhex...	0.641	0.749	0.775	0.774	0.816	0.819	0.847	0.774	8.73
85) c	Di-n-octyl pht...	1.043	1.250	1.265	1.295	1.309	1.348	1.316	1.261	8.05

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86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.467	1.551	1.455	1.435	1.522	1.567	1.612	1.516		4.32
88)	Benzo(b)fluora...	1.211	1.362	1.302	1.306	1.389	1.387	1.461	1.345		5.99
89)	Benzo(k)fluora...	1.220	1.365	1.315	1.251	1.338	1.364	1.431	1.326		5.45
90) C	Benzo(a)pyrene	1.091	1.225	1.188	1.166	1.247	1.274	1.317	1.215		6.15
91)	Dibenzo(a,h)an...	1.193	1.276	1.212	1.197	1.263	1.307	1.337	1.255		4.47
92)	Benzo(g,h,i)pe...	1.256	1.253	1.159	1.149	1.211	1.242	1.262	1.219		3.89

(#) = Out of Range