

Method Path : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\
 Method File : 8270-BM121518.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Sat Dec 15 21:39:37 2018
 Response Via : Initial Calibration

Calibration Files

2.5 =BM018201.D 10 =BM018202.D 25 =BM018203.D 40 =BM018204.D 50 =BM018205.D 60 =BM018206.D 80 =BM018207.D

Compound	2.5	10	25	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----								
2) 1,4-Dioxane	0.511	0.495	0.490	0.458	0.471	0.458	0.437	0.474	5.44
3) Pyridine	1.484	1.366	1.456	1.395	1.365	1.365	1.337	1.395	3.89
4) n-Nitrosodimet...	0.470	0.481	0.500	0.477	0.490	0.483	0.461	0.480	2.68
5) S 2-Fluorophenol	1.145	1.156	1.264	1.179	1.219	1.223	1.195	1.197	3.46
6) Aniline	1.884	2.075	2.193	2.112	2.139	2.145	2.065	2.088	4.78
7) S Phenol-d6	1.458	1.606	1.742	1.684	1.713	1.737	1.709	1.664	6.12
8) 2-Chlorophenol	1.282	1.415	1.487	1.404	1.438	1.450	1.427	1.415	4.57
9) Benzaldehyde		1.178	1.145	0.964	0.916	0.868		1.014	13.68
10) C Phenol	1.625	1.698	1.826	1.792	1.791	1.835	1.770	1.762	4.29
11) bis(2-Chloroet...	1.334	1.401	1.481	1.389	1.410	1.426	1.364	1.401	3.34
12) 1,3-Dichlorobe...	1.554	1.564	1.639	1.555	1.585	1.585	1.574	1.580	1.85
13) C 1,4-Dichlorobe...	1.503	1.570	1.679	1.587	1.644	1.631	1.615	1.604	3.58
14) 1,2-Dichlorobe...	1.427	1.553	1.614	1.539	1.561	1.578	1.551	1.546	3.75
15) Benzyl Alcohol	1.141	1.420	1.398	1.357	1.371	1.396	1.409	1.356	7.18
16) 2,2'-oxybis(1-...	1.234	1.285	1.324	1.238	1.259	1.258	1.224	1.260	2.73
17) 2-Methylphenol	1.023	1.180	1.241	1.178	1.198	1.229	1.188	1.177	6.11
18) Hexachloroethane	0.535	0.592	0.616	0.588	0.603	0.600	0.583	0.588	4.35
19) P n-Nitroso-di-n...	1.082	1.260	1.310	1.290	1.238	1.293	1.225	1.243	6.22
20) 3+4-Methylphenols	1.419	1.609	1.730	1.690	1.696	1.716	1.682	1.649	6.58
21) I Naphthalene-d8	-----ISTD-----								
22) Acetophenone	0.499	0.529	0.523	0.525	0.533	0.559	0.536	0.529	3.36
23) S Nitrobenzene-d5	0.331	0.401	0.384	0.398	0.402	0.422	0.391	0.390	7.32
24) Nitrobenzene	0.355	0.404	0.378	0.387	0.399	0.418	0.386	0.390	5.20
25) Isophorone	0.616	0.669	0.633	0.645	0.648	0.689	0.643	0.649	3.68
26) C 2-Nitrophenol	0.162	0.184	0.194	0.187	0.201	0.207	0.204	0.191	8.10
27) 2,4-Dimethylph...	0.239	0.278	0.277	0.268	0.290	0.292	0.285	0.275	6.61
28) bis(2-Chloroet...	0.388	0.430	0.415	0.408	0.433	0.453	0.435	0.423	5.06
29) C 2,4-Dichloroph...	0.250	0.296	0.307	0.304	0.322	0.331	0.326	0.305	8.96
30) 1,2,4-Trichlor...	0.342	0.336	0.345	0.338	0.348	0.365	0.357	0.347	2.93
31) Naphthalene	0.950	0.961	0.981	0.944	1.000	1.018	0.993	0.978	2.80
32) Benzoic acid		0.224	0.253	0.251	0.273	0.283	0.280	0.261	8.56
33) 4-Chloroaniline	0.349	0.421	0.436	0.427	0.453	0.467	0.444	0.428	8.93
34) C Hexachlorobuta...	0.217	0.217	0.217	0.212	0.221	0.231	0.222	0.220	2.70
35) Caprolactam	0.097	0.116	0.122	0.116	0.116	0.126	0.122	0.116	8.16
36) C 4-Chloro-3-met...	0.348	0.352	0.376	0.358	0.367	0.390	0.378	0.367	4.16
37) 2-Methylnaphth...	0.661	0.676	0.697	0.673	0.688	0.724	0.709	0.690	3.16
38) 1-Methylnaphth...	0.651	0.679	0.677	0.651	0.671	0.706	0.676	0.673	2.77

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.639	0.670	0.697	0.654	0.712	0.745	0.697	0.688	5.25	
41) P	Hexachlorocycl...		0.135	0.214	0.238	0.278	0.306	0.301	0.245	26.43	
42) S	2,4,6-Tribromo...	0.264	0.295	0.300	0.288	0.305	0.308	0.295	0.294	5.03	
43) C	2,4,6-Trichlor...	0.390	0.423	0.449	0.427	0.467	0.485	0.455	0.442	7.10	
44)	2,4,5-Trichlor...	0.433	0.459	0.472	0.448	0.485	0.508	0.482	0.470	5.34	
45) S	2-Fluorobiphenyl	1.502	1.516	1.536	1.482	1.589	1.652	1.531	1.544	3.77	
46)	1,1'-Biphenyl	1.721	1.788	1.771	1.728	1.846	1.915	1.827	1.799	3.82	
47)	2-Chloronaphth...	1.253	1.287	1.324	1.268	1.381	1.405	1.352	1.324	4.37	
48)	2-Nitroaniline	0.373	0.392	0.401	0.396	0.430	0.436	0.428	0.408	5.74	
49)	Acenaphthylene	1.879	1.950	2.041	1.937	2.083	2.094	1.986	1.996	4.02	
50)	Dimethylphthalate	1.691	1.638	1.711	1.582	1.692	1.716	1.609	1.663	3.18	
51)	2,6-Dinitrotol...	0.328	0.372	0.372	0.356	0.382	0.383	0.367	0.366	5.16	
52) C	Acenaphthene	1.195	1.216	1.226	1.157	1.258	1.250	1.236	1.220	2.86	
53)	3-Nitroaniline	0.293	0.368	0.403	0.385	0.420	0.422	0.401	0.385	11.62	
54) P	2,4-Dinitrophenol		0.152	0.193	0.198	0.224	0.223	0.220	0.202	13.77	
55)	Dibenzofuran	1.926	1.974	1.964	1.886	2.021	2.008	1.940	1.960	2.39	
56) P	4-Nitrophenol		0.235	0.297	0.285	0.315	0.313	0.305	0.292	10.19	
57)	2,4-Dinitrotol...	0.441	0.502	0.511	0.500	0.536	0.531	0.514	0.505	6.19	
58)	Fluorene	1.474	1.504	1.546	1.460	1.562	1.544	1.505	1.514	2.56	
59)	2,3,4,6-Tetrac...	0.402	0.433	0.438	0.409	0.436	0.424	0.419	0.423	3.29	
60)	Diethylphthalate		2.022	1.854	1.694	1.787	1.728	1.681	1.794	7.17	
61)	4-Chlorophenyl...	0.838	0.857	0.872	0.819	0.879	0.871	0.855	0.856	2.50	
62)	4-Nitroaniline	0.263	0.344	0.379	0.369	0.406	0.407	0.386	0.365	13.63	
63)	Azobenzene	1.605	1.623	1.630	1.641	1.697	1.613	1.644	1.636	1.85	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.126	0.144	0.141	0.155	0.161	0.157	0.147	8.83	
66) c	n-Nitrosodiphe...	0.602	0.650	0.674	0.645	0.681	0.705	0.673	0.661	5.00	
67)	4-Bromophenyl-...	0.231	0.236	0.242	0.231	0.251	0.253	0.251	0.242	3.97	
68)	Hexachlorobenzene	0.245	0.265	0.272	0.254	0.276	0.278	0.267	0.265	4.59	
69)	Atrazine	0.231	0.243	0.243	0.224	0.223	0.215	0.183	0.223	9.20	
70) C	Pentachlorophenol	0.140	0.168	0.181	0.173	0.190	0.190	0.185	0.175	9.98	
71)	Phenanthrene	1.054	1.067	1.104	1.043	1.120	1.134	1.083	1.086	3.14	
72)	Anthracene	0.978	1.066	1.108	1.043	1.117	1.136	1.096	1.078	4.99	
73)	Carbazole	1.033	1.091	1.121	1.071	1.150	1.172	1.104	1.106	4.26	
74)	Di-n-butylphth...	1.340	1.348	1.374	1.317	1.392	1.391	1.394	1.365	2.21	
75) C	Fluoranthene	1.216	1.267	1.257	1.214	1.334	1.298	1.255	1.263	3.39	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.392	0.546	0.566	0.525	0.526	0.487	0.509	0.507	11.22	
78)	Pyrene	1.171	1.123	1.183	1.145	1.202	1.184	1.333	1.192	5.67	
79) S	Terphenyl-d14	0.900	0.847	0.876	0.841	0.886	0.860	0.980	0.884	5.35	
80)	Butylbenzylpht...	0.554	0.556	0.570	0.557	0.582	0.555	0.594	0.567	2.84	
81)	Benzo(a)anthra...	1.174	1.158	1.177	1.132	1.176	1.191	1.169	1.168	1.62	
82)	3,3'-Dichlorob...	0.449	0.459	0.502	0.470	0.487	0.456	0.443	0.467	4.57	
83)	Chrysene	1.150	1.111	1.136	1.077	1.142	1.138	1.112	1.124	2.27	
84)	Bis(2-ethylhex...	0.831	0.825	0.849	0.830	0.863	0.829	0.887	0.845	2.75	
85) c	Di-n-octyl pht...	1.349	1.370	1.446	1.390	1.407	1.381	1.342	1.384	2.58	
86)	Indeno(1,2,3-c...	1.145	1.155	1.284	1.160	1.131	1.003	0.959	1.119	9.67	

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[illegible]

(#) = Out of Range