

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF022020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Dec 03 04:47:00 2018
 Response Via : Initial Calibration

Calibration Files

10 =BF118957.D 20 =BF118958.D 40 =BF118959.D 50 =BF118960.D 60 =BF118961.D 80 =BF118962.D 100 =BF118963.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.585	0.540	0.504	0.548	0.546	0.522	0.485	0.533	6.14
3)	Pyridine	1.578	1.421	1.369	1.515	1.502	1.434	1.367	1.455	5.45
4)	n-Nitrosodimet...	0.447	0.424	0.417	0.463	0.461	0.448	0.427	0.441	4.16
5) S	2-Fluorophenol	1.427	1.292	1.155	1.215	1.190	1.102	0.995	1.197	11.50
6)	Aniline	2.135	1.950	1.751	1.841	1.766	1.638	1.489	1.796	11.65
7) S	Phenol-d6	1.778	1.576	1.405	1.471	1.436	1.330	1.193	1.455	12.75
8)	2-Chlorophenol	1.524	1.393	1.249	1.326	1.282	1.189	1.079	1.292	11.08
9)	Benzaldehyde	1.179	1.086	0.933	0.989	0.968	0.895	0.757	0.972	13.91
10) C	Phenol	1.906	1.738	1.513	1.590	1.545	1.426	1.297	1.574	12.72
11)	bis(2-Chloroet...	1.399	1.258	1.145	1.235	1.204	1.142	1.045	1.204	9.25
12)	1,3-Dichlorobe...	1.856	1.671	1.471	1.582	1.533	1.419	1.303	1.548	11.61
13) C	1,4-Dichlorobe...	1.836	1.647	1.490	1.592	1.540	1.435	1.304	1.549	10.90
14)	1,2-Dichlorobe...	1.748	1.554	1.364	1.431	1.394	1.274	1.124	1.413	14.11
15)	Benzyl Alcohol	1.234	1.135	1.027	1.079	1.048	0.975	0.865	1.052	11.14
16)	2,2'-oxybis(1-...	1.195	1.097	0.987	1.071	1.041	0.992	0.919	1.043	8.56
17)	2-Methylphenol	1.210	1.112	1.000	1.067	1.042	0.991	0.907	1.047	9.24
18)	Hexachloroethane	0.639	0.581	0.526	0.571	0.556	0.525	0.481	0.554	9.12
19) P	n-Nitroso-di-n...	1.009	0.920	0.799	0.844	0.825	0.791	0.748	0.848	10.44
20)	3+4-Methylphenols	1.595	1.409	1.199	1.228	1.184	1.082		1.283	14.52
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.537	0.484	0.439	0.464	0.454	0.436	0.425	0.463	8.28
23) S	Nitrobenzene-d5	0.424	0.383	0.359	0.388	0.378	0.367	0.352	0.379	6.29
24)	Nitrobenzene	0.415	0.376	0.352	0.383	0.378	0.367	0.351	0.375	5.83
25)	Isophorone	0.708	0.656	0.613	0.666	0.656	0.660	0.646	0.658	4.24
26) C	2-Nitrophenol	0.206	0.194	0.188	0.205	0.204	0.200	0.193	0.198	3.56
27)	2,4-Dimethylph...	0.292	0.267	0.254	0.276	0.274	0.264	0.259	0.269	4.65
28)	bis(2-Chloroet...	0.482	0.434	0.405	0.438	0.425	0.414	0.400	0.428	6.48
29) C	2,4-Dichloroph...	0.346	0.323	0.304	0.329	0.319	0.306	0.294	0.317	5.51
30)	1,2,4-Trichlor...	0.428	0.389	0.359	0.384	0.374	0.355	0.343	0.376	7.50
31)	Naphthalene	1.214	1.091	0.993	1.052	1.024	0.971	0.916	1.037	9.28
32)	Benzoic acid	0.142	0.148	0.171	0.196	0.200	0.212	0.215	0.184	16.27
33)	4-Chloroaniline	0.503	0.462	0.427	0.457	0.447	0.423	0.405	0.446	7.21
34) C	Hexachlorobuta...	0.264	0.237	0.221	0.243	0.235	0.223	0.216	0.234	7.03
35)	Caprolactam	0.097	0.097	0.094	0.100	0.099	0.102	0.094	0.098	3.03
36) C	4-Chloro-3-met...	0.349	0.323	0.305	0.328	0.322	0.315	0.304	0.321	4.77
37)	2-Methylnaphth...	0.816	0.739	0.664	0.710	0.686	0.657	0.615	0.698	9.33
38)	1-Methylnaphth...	0.766	0.693	0.629	0.666	0.646	0.617	0.578	0.656	9.21

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.787	0.704	0.631	0.692	0.673	0.628	0.604	0.674	9.16	
41) P	Hexachlorocycl...	0.098	0.135	0.185	0.230	0.236	0.245	0.255	0.198	30.60	
42) S	2,4,6-Tribromo...	0.287	0.273	0.245	0.264	0.262	0.257	0.244	0.262	5.75	
43) C	2,4,6-Trichlor...	0.455	0.427	0.399	0.441	0.434	0.419	0.405	0.426	4.67	
44)	2,4,5-Trichlor...	0.479	0.452	0.422	0.464	0.454	0.440	0.418	0.447	4.93	
45) S	2-Fluorobiphenyl	1.690	1.470	1.240	1.322	1.282	1.142		1.358	14.37	
46)	1,1'-Biphenyl	1.930	1.731	1.532	1.642	1.588	1.488	1.404	1.616	10.76	
47)	2-Chloronaphth...	1.530	1.353	1.223	1.338	1.293	1.220	1.161	1.303	9.34	
48)	2-Nitroaniline	0.383	0.360	0.342	0.373	0.375	0.362	0.348	0.363	4.08	
49)	Acenaphthylene	2.216	1.996	1.783	1.927	1.878	1.746	1.623	1.881	10.23	
50)	Dimethylphthalate	1.716	1.578	1.417	1.548	1.528	1.490	1.428	1.529	6.66	
51)	2,6-Dinitrotol...	0.369	0.339	0.318	0.350	0.343	0.338	0.320	0.340	5.15	
52) C	Acenaphthene	1.336	1.199	1.075	1.147	1.126	1.063	0.994	1.134	9.75	
53)	3-Nitroaniline	0.403	0.385	0.358	0.385	0.382	0.373	0.353	0.377	4.60	
54) P	2,4-Dinitrophenol	0.087	0.107	0.134	0.156	0.162	0.166	0.169	0.140	22.87	
55)	Dibenzofuran	2.044	1.851	1.627	1.719	1.667	1.542	1.402	1.693	12.33	
56) P	4-Nitrophenol	0.206	0.216	0.218	0.237	0.239	0.238	0.230	0.226	5.73	
57)	2,4-Dinitrotol...	0.487	0.458	0.423	0.458	0.449	0.425	0.383	0.440	7.60	
58)	Fluorene	1.620	1.447	1.254	1.311	1.284	1.200	1.095	1.316	13.05	
59)	2,3,4,6-Tetrac...	0.417	0.379	0.350	0.380	0.383	0.373	0.356	0.377	5.82	
60)	Diethylphthalate	1.636	1.525	1.359	1.461	1.435	1.382	1.292	1.441	7.91	
61)	4-Chlorophenyl...	0.844	0.769	0.662	0.706	0.682	0.631	0.582	0.696	12.55	
62)	4-Nitroaniline	0.410	0.394	0.366	0.385	0.394	0.383	0.365	0.385	4.21	
63)	Azobenzene	1.436	1.326	1.175	1.274	1.250	1.201	1.106	1.253	8.61	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.105	0.113	0.114	0.129	0.131	0.128	0.127	0.121	8.35	
66) c	n-Nitrosodiphe...	0.770	0.685	0.619	0.669	0.641	0.610	0.589	0.655	9.26	
67)	4-Bromophenyl-...	0.298	0.272	0.244	0.269	0.260	0.248	0.238	0.261	7.80	
68)	Hexachlorobenzene	0.345	0.309	0.282	0.308	0.298	0.290	0.277	0.301	7.55	
69)	Atrazine	0.257	0.240	0.214	0.236	0.226	0.221	0.207	0.229	7.48	
70) C	Pentachlorophenol	0.102	0.107	0.113	0.131	0.130	0.134	0.133	0.121	11.43	
71)	Phenanthrene	1.310	1.183	1.030	1.104	1.068	1.006	0.933	1.091	11.43	
72)	Anthracene	1.322	1.168	1.045	1.112	1.057	0.999	0.925	1.090	11.80	
73)	Carbazole	1.151	1.042	0.923	0.986	0.950	0.907	0.838	0.971	10.48	
74)	Di-n-butylphth...	1.368	1.283	1.113	1.209	1.162	1.103	0.992	1.176	10.57	
75) C	Fluoranthene	1.386	1.262	1.107	1.170	1.135	1.061	0.982	1.158	11.50	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.920	0.869	0.784	0.843	0.828	0.776	0.674	0.813	9.68	
78)	Pyrene	1.804	1.623	1.466	1.652	1.608	1.557	1.533	1.606	6.68	
79) S	Terphenyl-d14	1.408	1.253	1.049	1.174	1.119	1.085	1.042	1.162	11.32	
80)	Butylbenzylphth...	0.668	0.650	0.627	0.717	0.691	0.692	0.685	0.676	4.43	
81)	Benzo(a)anthra...	1.587	1.414	1.283	1.388	1.338	1.302	1.227	1.363	8.59	
82)	3,3'-Dichlorob...	0.578	0.540	0.520	0.554	0.527	0.513	0.472	0.529	6.28	
83)	Chrysene	1.554	1.410	1.268	1.374	1.350	1.306	1.243	1.358	7.69	
84)	Bis(2-ethylhex...	0.924	0.882	0.801	0.890	0.836	0.833	0.811	0.854	5.31	
85) c	Di-n-octyl pht...	1.421	1.364	1.344	1.435	1.334	1.345	1.282	1.361	3.86	
86)	Indeno(1,2,3-c...	1.336	1.244	1.594	1.275	1.157	1.227	1.370	1.315	10.80	

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[illegible]

(#) = Out of Range