

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF010820.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 =BF118495.D 20 =BF118496.D 40 =BF118497.D 50 =BF118498.D 60 =BF118499.D 80 =BF118500.D 100 =BF118501.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.462	0.426	0.367	0.413	0.391	0.380	0.388	0.404	8.00
3)	Pyridine	0.972	1.184	0.999	1.148	1.092	1.094	1.122	1.087	7.08
4)	n-Nitrosodimet...	0.552	0.559	0.502	0.568	0.548	0.545	0.539	0.545	3.93
5) S	2-Fluorophenol	1.452	1.230	1.098	1.250	1.139	1.126	1.186	1.212	9.87
6)	Aniline	2.009	1.939	1.753	2.055	1.737	1.656	1.459	1.801	11.81
7) S	Phenol-d6	1.630	1.560	1.386	1.640	1.393	1.345	1.186	1.449	11.58
8)	2-Chlorophenol	1.485	1.452	1.255	1.463	1.275	1.266	1.077	1.325	11.26
9)	Benzaldehyde	1.003	0.922	0.697	0.772	0.638			0.806	18.99
10) C	Phenol	1.743	1.685	1.545	1.844	1.570	1.520	1.328	1.605	10.52
11)	bis(2-Chloroet...	1.250	1.230	1.112	1.273	1.107	1.091	0.947	1.144	10.04
12)	1,3-Dichlorobe...	1.736	1.691	1.469	1.653	1.462	1.472	1.358	1.549	9.22
13) C	1,4-Dichlorobe...	1.780	1.709	1.513	1.665	1.487	1.490	1.416	1.580	8.64
14)	1,2-Dichlorobe...	1.772	1.670	1.459	1.613	1.434	1.399	1.342	1.527	10.42
15)	Benzyl Alcohol	1.301	1.259	1.147	1.247	1.120	1.116	1.035	1.175	8.16
16)	2,2'-oxybis(1-...	1.502	1.302	1.214	1.381	1.194	1.171	1.122	1.269	10.55
17)	2-Methylphenol	1.340	1.157	1.022	1.173	1.001	0.995	0.932	1.089	13.02
18)	Hexachloroethane	0.736	0.648	0.562	0.642	0.577	0.561	0.465	0.599	14.30
19) P	n-Nitroso-di-n...	1.147	0.981	0.901	0.981	0.886	0.883	0.751	0.933	13.06
20)	3+4-Methylphenols	1.796	1.536	1.349	1.508	1.332	1.339		1.477	12.22
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.623	0.546	0.467	0.573	0.478	0.432	0.430	0.507	14.69
23) S	Nitrobenzene-d5	0.437	0.398	0.339	0.437	0.358	0.315		0.381	13.48
24)	Nitrobenzene	0.447	0.395	0.338	0.433	0.348	0.310		0.379	14.61
25)	Isophorone	0.715	0.670	0.578	0.645	0.577	0.576	0.508	0.610	11.51
26) C	2-Nitrophenol	0.216	0.193	0.170	0.205	0.181	0.183	0.160	0.187	10.34
27)	2,4-Dimethylph...	0.293	0.269	0.227	0.277	0.237	0.242	0.215	0.251	11.36
28)	bis(2-Chloroet...	0.449	0.426	0.386	0.434	0.384	0.381	0.348	0.401	8.95
29) C	2,4-Dichloroph...	0.329	0.300	0.274	0.326	0.276	0.286	0.263	0.293	8.85
30)	1,2,4-Trichlor...	0.365	0.346	0.319	0.365	0.329	0.334	0.328	0.341	5.31
31)	Naphthalene	1.166	1.093	0.987	1.126	0.989	0.993	0.969	1.046	7.64
32)	Benzoic acid	0.096	0.131	0.157	0.181	0.167	0.197	0.183	0.159	22.16
33)	4-Chloroaniline	0.478	0.458	0.382	0.472	0.420	0.405	0.400	0.431	8.91
34) C	Hexachlorobuta...	0.222	0.218	0.187	0.234	0.204	0.195	0.206	0.209	7.84
35)	Caprolactam	0.094	0.103	0.088	0.105	0.084	0.075	0.071	0.088	14.87
36) C	4-Chloro-3-met...	0.350	0.375	0.308	0.355	0.295	0.260	0.267	0.316	14.27
37)	2-Methylnaphth...	0.778	0.832	0.696	0.793	0.681	0.632	0.614	0.718	11.70
38)	1-Methylnaphth...	0.745	0.750	0.630	0.748	0.646	0.615	0.585	0.674	10.59

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.656	0.622	0.578	0.681	0.614	0.585	0.565	0.615	6.93	
41) P	Hexachlorocycl...	0.019	0.051	0.108	0.144	0.152	0.175	0.176	0.118	52.41	
42) S	2,4,6-Tribromo...	0.253	0.242	0.215	0.243	0.239	0.233	0.226	0.236	5.24	
43) C	2,4,6-Trichlor...	0.379	0.394	0.348	0.427	0.365	0.380	0.365	0.380	6.70	
44)	2,4,5-Trichlor...	0.390	0.383	0.369	0.447	0.386	0.387	0.388	0.393	6.33	
45) S	2-Fluorobiphenyl	1.576	1.471	1.304	1.532	1.343	1.264	1.273	1.395	9.28	
46)	1,1'-Biphenyl	1.808	1.698	1.516	1.777	1.542	1.545	1.552	1.634	7.57	
47)	2-Chloronaphth...	1.440	1.366	1.199	1.427	1.202	1.190	1.230	1.293	8.74	
48)	2-Nitroaniline	0.402	0.386	0.348	0.422	0.368	0.327	0.364	0.374	8.59	
49)	Acenaphthylene	2.064	2.067	1.850	2.102	1.766	1.831	1.797	1.925	7.55	
50)	Dimethylphthalate	1.582	1.623	1.458	1.698	1.481	1.459	1.444	1.535	6.49	
51)	2,6-Dinitrotol...	0.342	0.352	0.310	0.366	0.308	0.316	0.321	0.331	6.88	
52) C	Acenaphthene	1.271	1.289	1.103	1.264	1.120	1.119	1.064	1.176	8.07	
53)	3-Nitroaniline	0.416	0.405	0.351	0.402	0.362	0.375	0.399	0.387	6.32	
54) P	2,4-Dinitrophenol	0.088	0.124	0.123	0.146	0.134	0.150	0.145	0.130	16.54	
55)	Dibenzofuran	2.081	1.774	1.718	1.961	1.700	1.603	1.525	1.766	11.05	
56) P	4-Nitrophenol	0.146	0.180	0.184	0.221	0.195	0.206	0.185	0.188	12.56	
57)	2,4-Dinitrotol...	0.488	0.438	0.428	0.493	0.433	0.421	0.397	0.443	8.01	
58)	Fluorene	1.394	1.546	1.445	1.647	1.372	1.281	1.250	1.419	9.93	
59)	2,3,4,6-Tetrac...	0.358	0.331	0.323	0.378	0.329	0.310	0.297	0.332	8.35	
60)	Diethylphthalate	1.751	1.571	1.572	1.720	1.513	1.425	1.386	1.563	8.79	
61)	4-Chlorophenyl...	0.691	0.755	0.736	0.824	0.682	0.647	0.630	0.709	9.50	
62)	4-Nitroaniline	0.384	0.418	0.378	0.443	0.363	0.347	0.321	0.379	10.90	
63)	Azobenzene	1.439	1.409	1.321	1.431	1.285	1.219	1.191	1.328	7.65	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.071	0.093	0.106	0.136	0.110	0.116	0.110	0.106	19.06	
66) c	n-Nitrosodiphe...	0.608	0.664	0.626	0.798	0.633	0.629	0.601	0.651	10.39	
67)	4-Bromophenyl-...	0.240	0.242	0.218	0.247	0.224	0.232	0.236	0.234	4.37	
68)	Hexachlorobenzene	0.290	0.293	0.254	0.298	0.271	0.273	0.278	0.280	5.45	
69)	Atrazine	0.213	0.218	0.180	0.196	0.162		0.194		12.07	
70) C	Pentachlorophenol	0.052	0.074	0.080	0.099	0.088	0.095	0.090	0.083	19.03	
71)	Phenanthrene	1.236	1.187	1.035	1.215	1.078	1.059	1.032	1.120	7.93	
72)	Anthracene	1.234	1.182	1.027	1.240	1.075	1.043	1.000	1.115	9.13	
73)	Carbazole	1.008	0.985	0.896	1.127	0.938	0.909	0.896	0.966	8.66	
74)	Di-n-butylphth...	1.353	1.313	1.319	1.395	1.180	1.184	1.272	1.288	6.34	
75) C	Fluoranthene	1.223	1.182	1.105	1.273	1.110	1.067	1.011	1.139	8.07	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.957	0.502	0.481	0.487	0.462	0.487	0.563		34.39	
78)	Pyrene	1.607	1.664	1.593	1.718	1.734	1.681	1.522	1.646	4.59	
79) S	Terphenyl-d14	1.312	1.281	1.200	1.273	1.381	1.255	1.133	1.262	6.29	
80)	Butylbenzylphth...	0.740	0.709	0.789	0.767	0.778	0.754	0.738	0.754	3.60	
81)	Benzo(a)anthra...	1.514	1.444	1.298	1.497	1.357	1.368	1.323	1.400	6.08	
82)	3,3'-Dichlorob...	0.488	0.491	0.430	0.481	0.442	0.451	0.404	0.455	7.22	
83)	Chrysene	1.546	1.366	1.251	1.455	1.298	1.318	1.289	1.360	7.72	
84)	Bis(2-ethylhex...	1.010	1.015	1.041	1.057	1.019	1.029	0.992	1.023	2.09	
85) c	Di-n-octyl pht...	1.492	1.555	1.695	1.481	1.341	1.442	1.269	1.468	9.49	
86)	Indeno(1,2,3-c...	0.983	0.985	1.057	0.992	1.163	1.278	1.208	1.095	11.05	

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87) I	Perylene-d12									
88)	Benzo(b)fluora...	1.522	1.676	1.392	1.489	1.389	1.274	1.381	1.446	8.96
89)	Benzo(k)fluora...	1.589	1.696	1.389	1.283	1.271	1.288	1.145	1.380	14.13
90) C	Benzo(a)pyrene	1.248	1.167	1.031	1.263	1.262	1.182	1.142	1.185	7.06
91)	Dibenzo(a,h)an...	0.950	1.111	1.062	1.144	1.171	1.139	1.201	1.111	7.53
92)	Benzo(g,h,i)pe...	0.929	0.878	0.931	1.259	1.118	1.100	1.156	1.053	13.45

(#) = Out of Range