

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF051420.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 =BF120278.D 20 =BF120279.D 40 =BF120280.D 50 =BF120281.D 60 =BF120282.D 80 =BF120283.D 100 =BF120284.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.392	0.361	0.330	0.466	0.509	0.376	0.429	0.409	15.29
3)	Pyridine	1.253	1.265	1.232	1.286	1.385	1.314	1.262	1.285	3.96
4)	n-Nitrosodimet...	0.482	0.488	0.490	0.493	0.555	0.518	0.498	0.503	5.04
5) S	2-Fluorophenol	1.128	1.057	1.029	1.020	1.055	1.002	0.903	1.028	6.63
6)	Aniline	1.911	1.678	1.661	1.609	1.873	1.547	1.358	1.662	11.39
7) S	Phenol-d6	1.556	1.323	1.277	1.249	1.444	1.196	1.054	1.300	12.62
8)	2-Chlorophenol	1.377	1.375	1.189	1.149	1.244	1.064	0.991	1.199	12.23
9)	Benzaldehyde	0.988	0.853	0.824	0.786	0.811	0.717	0.631	0.801	13.90
10) C	Phenol	1.710	1.494	1.513	1.478	1.711	1.436	1.280	1.517	10.05
11)	bis(2-Chloroet...	1.539	1.108	1.172	1.154	1.265	1.120	1.128	1.212	12.64
12)	1,3-Dichlorobe...	1.443	1.388	1.288	1.237	1.325	1.169	1.127	1.282	8.89
13) C	1,4-Dichlorobe...	1.525	1.398	1.370	1.286	1.293	1.220	1.154	1.321	9.27
14)	1,2-Dichlorobe...	1.459	1.244	1.292	1.158	1.247	1.009	0.918	1.189	15.22
15)	Benzyl Alcohol	1.071	0.964	0.992	0.892	0.969	0.813	0.763	0.923	11.61
16)	2,2'-oxybis(1-...	2.354	1.975	2.052	1.863	1.905	1.683	1.540	1.910	13.72
17)	2-Methylphenol	1.130	1.012	1.104	1.007	1.025	0.925	0.879	1.012	8.81
18)	Hexachloroethane	0.548	0.564	0.532	0.474	0.506	0.452	0.445	0.503	9.40
19) P	n-Nitroso-di-n...	0.989	0.898	0.902	0.812	0.869	0.752	0.738	0.852	10.53
20)	3+4-Methylphenols	1.550	1.359	1.461	1.288	1.343	1.134	1.073	1.315	12.84
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.482	0.390	0.422	0.407	0.395	0.352	0.420	0.410	9.69
23) S	Nitrobenzene-d5	0.334	0.266	0.307	0.295	0.281	0.257	0.305	0.292	9.09
24)	Nitrobenzene	0.365	0.276	0.330	0.322	0.307	0.278	0.321	0.314	9.84
25)	Isophorone	0.681	0.613	0.618	0.598	0.593	0.550	0.601	0.608	6.46
26) C	2-Nitrophenol	0.171	0.175	0.173	0.167	0.161	0.147	0.157	0.164	5.99
27)	2,4-Dimethylph...	0.264	0.262	0.250	0.236	0.232	0.208	0.222	0.239	8.62
28)	bis(2-Chloroet...	0.432	0.415	0.391	0.377	0.360	0.356	0.345	0.382	8.44
29) C	2,4-Dichloroph...	0.276	0.272	0.254	0.245	0.223	0.232	0.217	0.246	9.39
30)	1,2,4-Trichlor...	0.310	0.302	0.277	0.269	0.247	0.252	0.249	0.272	9.39
31)	Naphthalene	0.996	0.943	0.862	0.830	0.804	0.747	0.727	0.844	11.70
32)	Benzoic acid	0.097	0.142	0.172	0.168	0.167	0.180	0.172	0.157	18.48
33)	4-Chloroaniline	0.427	0.416	0.398	0.373	0.375	0.371	0.332	0.385	8.30
34) C	Hexachlorobuta...	0.179	0.171	0.160	0.156	0.152	0.143	0.140	0.157	9.04
35)	Caprolactam	0.086	0.084	0.083	0.089	0.077	0.078	0.066	0.080	9.31
36) C	4-Chloro-3-met...	0.298	0.288	0.265	0.292	0.249	0.247	0.222	0.266	10.61
37)	2-Methylnaphth...	0.681	0.640	0.578	0.612	0.528	0.504	0.501	0.578	12.14
38)	1-Methylnaphth...	0.659	0.616	0.557	0.599	0.507	0.480	0.504	0.560	11.95

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.585	0.565	0.554	0.492	0.437	0.462	0.436	0.504	12.49	
41) P	Hexachlorocycl...	0.094	0.147	0.206	0.195	0.180	0.214	0.214	0.178	24.74	
42) S	2,4,6-Tribromo...	0.195	0.170	0.173	0.162	0.162	0.140	0.139	0.163	11.93	
43) C	2,4,6-Trichlor...	0.359	0.364	0.381	0.332	0.298	0.322	0.314	0.339	8.96	
44)	2,4,5-Trichlor...	0.427	0.426	0.429	0.383	0.342	0.365	0.349	0.389	9.89	
45) S	2-Fluorobiphenyl	1.230	1.103	0.962	0.876	0.840	0.829	0.973	16.63		
46)	1,1'-Biphenyl	1.592	1.482	1.446	1.260	1.124	1.140	1.129	1.310	14.82	
47)	2-Chloronaphth...	1.239	1.188	1.158	1.014	0.911	0.930	0.917	1.051	13.42	
48)	2-Nitroaniline	0.413	0.401	0.412	0.376	0.371	0.367	0.345	0.384	6.71	
49)	Acenaphthylene	1.982	1.853	1.729	1.522	1.483	1.353	1.317	1.606	15.81	
50)	Dimethylphthalate	1.463	1.359	1.332	1.199	1.208	1.161	1.129	1.264	9.65	
51)	2,6-Dinitrotol...	0.313	0.307	0.307	0.265	0.274	0.262	0.249	0.282	9.26	
52) C	Acenaphthene	1.147	1.086	0.995	0.920	0.914	0.858	0.818	0.962	12.46	
53)	3-Nitroaniline	0.371	0.365	0.345	0.325	0.332	0.315	0.303	0.336	7.50	
54) P	2,4-Dinitrophenol	0.099	0.134	0.135	0.138	0.139	0.144	0.144	0.133	11.83	
55)	Dibenzofuran	1.793	1.647	1.428	1.303	1.292	1.160	1.079	1.386	18.54	
56) P	4-Nitrophenol	0.151	0.184	0.193	0.185	0.186	0.186	0.181	0.181	7.63	
57)	2,4-Dinitrotol...	0.406	0.383	0.343	0.314	0.312	0.286	0.273	0.331	14.86	
58)	Fluorene	1.407	1.167	1.118	1.015	0.987	0.866	0.829	1.056	18.68	
59)	2,3,4,6-Tetrac...	0.326	0.297	0.308	0.293	0.294	0.275	0.255	0.293	7.75	
60)	Diethylphthalate	1.500	1.305	1.272	1.179	1.182	1.100	1.005	1.221	13.04	
61)	4-Chlorophenyl...	0.718	0.591	0.560	0.508	0.490	0.427	0.549	18.31		
62)	4-Nitroaniline	0.356	0.311	0.332	0.319	0.320	0.294	0.261	0.313	9.48	
63)	Azobenzene	1.416	1.231	1.240	1.150	1.146	0.958	0.934	1.154	14.53	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.086	0.098	0.109	0.104	0.102	0.110	0.099	0.101	7.96	
66) c	n-Nitrosodiphe...	0.656	0.602	0.578	0.527	0.524	0.513	0.474	0.553	11.20	
67)	4-Bromophenyl-...	0.223	0.214	0.202	0.186	0.183	0.183	0.168	0.194	10.02	
68)	Hexachlorobenzene	0.234	0.221	0.206	0.193	0.190	0.198	0.179	0.203	9.36	
69)	Atrazine	0.194	0.179	0.170	0.156	0.155	0.161	0.144	0.166	10.16	
70) C	Pentachlorophenol	0.075	0.083	0.094	0.086	0.090	0.088	0.088	0.086	6.84	
71)	Phenanthrene	1.018	0.958	0.858	0.807	0.778	0.756	0.708	0.840	13.34	
72)	Anthracene	1.115	1.037	0.928	0.861	0.786	0.813	0.758	0.900	14.91	
73)	Carbazole	1.028	0.975	0.869	0.819	0.702	0.766	0.726	0.841	14.73	
74)	Di-n-butylphth...	1.290	1.067	1.066	0.988	0.877	0.932	0.871	1.013	14.42	
75) C	Fluoranthene	1.148	0.948	0.951	0.827	0.775	0.828	0.827	0.901	14.17	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.641	0.629	0.592	0.577	0.543	0.523	0.584	7.95		
78)	Pyrene	1.563	1.516	1.440	1.381	1.418	1.383	1.280	1.426	6.54	
79) S	Terphenyl-d14	1.101	1.015	0.884	0.854	0.872	0.834	0.779	0.905	12.41	
80)	Butylbenzylphth...	0.693	0.691	0.680	0.655	0.674	0.665	0.642	0.671	2.77	
81)	Benzo(a)anthra...	1.264	1.186	1.051	1.000	1.021	0.970	0.892	1.055	12.17	
82)	3,3'-Dichlorob...	0.445	0.443	0.424	0.393	0.379	0.365	0.335	0.398	10.47	
83)	Chrysene	1.299	1.239	1.156	1.110	1.085	1.036	1.004	1.133	9.41	
84)	Bis(2-ethylhex...	0.969	0.927	0.829	0.811	0.815	0.778	0.719	0.835	10.27	
85) c	Di-n-octyl pht...	1.736	1.467	1.550	1.501	1.500	1.428	1.337	1.503	8.18	
86)	Indeno(1,2,3-c...	0.907	1.088	1.013	1.034	0.946	1.107	1.102	1.028	7.64	

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87)	I	Perylene-d12	-----ISTD-----								
88)		Benzo(b)fluora...	1.307	1.132	1.171	0.966	1.084	1.112	0.874	1.092	12.81
89)		Benzo(k)fluora...	1.142	1.071	0.940	0.857	1.030	0.825	0.759	0.946	14.85
90)	C	Benzo(a)pyrene	1.126	1.056	1.003	0.945	0.969	0.919	0.839	0.980	9.56
91)		Dibenzo(a,h)an...	0.813	1.072	0.866	0.826	0.878	0.832	0.788	0.868	10.95
92)		Benzo(g,h,i)pe...	0.781	1.025	0.856	0.840	0.888	0.886	0.851	0.875	8.56

(#) = Out of Range