

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF012020.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 =BF118589.D 20 =BF118583.D 40 =BF118584.D 50 =BF118585.D 60 =BF118586.D 80 =BF118588.D 100 =BF118587.D

Compound		10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.524	0.609	0.543	0.522	0.508	0.485	0.460	0.522	9.08
3)	Pyridine	1.451	1.695	1.543	1.486	1.445	1.367	1.304	1.470	8.56
4)	n-Nitrosodimet...	0.598	0.731	0.663	0.641	0.624	0.592	0.563	0.630	8.75
5) S	2-Fluorophenol	1.145	1.320	1.136	1.076	1.039	0.946	0.875	1.077	13.48
6)	Aniline	1.822	2.165	1.934	1.879	1.831	1.702	1.569	1.843	10.13
7) S	Phenol-d6	1.457	1.696	1.486	1.411	1.366	1.246	1.136	1.400	12.80
8)	2-Chlorophenol	1.220	1.455	1.275	1.225	1.193	1.094	0.998	1.209	11.87
9)	Benzaldehyde	0.962	1.056	0.874	0.803	0.748	0.663		0.851	16.87
10) C	Phenol	1.662	1.909	1.679	1.615	1.554	1.443	1.302	1.595	12.03
11)	bis(2-Chloroet...	1.229	1.402	1.243	1.184	1.156	1.080	0.989	1.183	11.05
12)	1,3-Dichlorobe...	1.497	1.711	1.496	1.427	1.359	1.268	1.146	1.415	12.84
13) C	1,4-Dichlorobe...	1.487	1.720	1.515	1.423	1.371	1.264	1.160	1.420	12.79
14)	1,2-Dichlorobe...	1.432	1.644	1.425	1.354	1.297	1.159	1.034	1.335	14.87
15)	Benzyl Alcohol	1.110	1.318	1.163	1.131	1.110	1.022	0.914	1.110	11.21
16)	2,2'-oxybis(1-...	1.724	1.962	1.733	1.660	1.603	1.487	1.369	1.648	11.55
17)	2-Methylphenol	0.987	1.168	1.051	1.017	1.000	0.943	0.881	1.007	8.92
18)	Hexachloroethane	0.520	0.608	0.539	0.521	0.506	0.475	0.436	0.515	10.38
19) P	n-Nitroso-di-n...	0.954	1.109	0.983	0.950	0.936	0.885	0.798	0.945	10.01
20)	3+4-Methylphenols	1.309	1.529	1.327	1.255	1.191	1.055	0.938	1.229	15.69
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.499	0.572	0.500	0.483	0.452	0.416	0.394	0.474	12.58
23) S	Nitrobenzene-d5	0.359	0.406	0.371	0.364	0.352	0.332	0.319	0.358	7.82
24)	Nitrobenzene	0.361	0.420	0.379	0.373	0.358	0.341	0.331	0.366	7.96
25)	Isophorone	0.641	0.729	0.661	0.657	0.643	0.626	0.608	0.652	5.89
26) C	2-Nitrophenol	0.132	0.157	0.157	0.164	0.164	0.162	0.158	0.156	7.13
27)	2,4-Dimethylph...	0.257	0.297	0.279	0.276	0.268	0.258	0.253	0.270	5.78
28)	bis(2-Chloroet...	0.427	0.485	0.432	0.421	0.411	0.392	0.373	0.420	8.43
29) C	2,4-Dichloroph...	0.280	0.333	0.308	0.306	0.297	0.285	0.276	0.298	6.59
30)	1,2,4-Trichlor...	0.345	0.405	0.360	0.352	0.337	0.316	0.304	0.346	9.45
31)	Naphthalene	1.003	1.128	0.960	0.909	0.855	0.768	0.700	0.903	16.02
32)	Benzoic acid	0.144	0.184	0.204	0.215	0.224	0.225	0.219	0.202	14.49
33)	4-Chloroaniline	0.412	0.492	0.441	0.430	0.404	0.379	0.364	0.418	10.20
34) C	Hexachlorobuta...	0.210	0.244	0.219	0.215	0.206	0.194	0.186	0.210	9.00
35)	Caprolactam	0.087	0.102	0.097	0.096	0.097	0.104	0.099	0.098	5.60
36) C	4-Chloro-3-met...	0.279	0.334	0.305	0.300	0.293	0.281	0.270	0.294	7.21
37)	2-Methylnaphth...	0.681	0.777	0.674	0.642	0.616	0.554	0.521	0.638	13.39
38)	1-Methylnaphth...	0.640	0.742	0.635	0.616	0.587	0.529	0.492	0.606	13.47

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.636	0.743	0.666	0.640	0.602	0.559	0.533	0.626	11.16	
41) P	Hexachlorocycl...	0.280	0.355	0.331	0.330	0.319	0.297	0.298	0.316	8.20	
42) S	2,4,6-Tribromo...	0.226	0.265	0.244	0.234	0.233	0.214	0.203	0.231	8.73	
43) C	2,4,6-Trichlor...	0.379	0.467	0.429	0.421	0.420	0.400	0.392	0.415	6.94	
44)	2,4,5-Trichlor...	0.403	0.468	0.440	0.433	0.421	0.406	0.397	0.424	5.93	
45) S	2-Fluorobiphenyl	1.376	1.481	1.185	1.071	0.972			1.217	17.29	
46)	1,1'-Biphenyl	1.524	1.741	1.496	1.381	1.297	1.141	1.068	1.378	16.91	
47)	2-Chloronaphth...	1.223	1.406	1.242	1.168	1.111	1.017	0.965	1.162	12.77	
48)	2-Nitroaniline	0.330	0.386	0.369	0.365	0.362	0.350	0.337	0.357	5.44	
49)	Acenaphthylene	1.766	2.029	1.753	1.635	1.556	1.390	1.313	1.634	14.90	
50)	Dimethylphthalate	1.388	1.549	1.352	1.295	1.251	1.172	1.115	1.303	11.09	
51)	2,6-Dinitrotol...	0.270	0.303	0.300	0.294	0.302	0.293	0.281	0.292	4.12	
52) C	Acenaphthene	1.139	1.309	1.163	1.102	1.064	0.965	0.908	1.093	12.11	
53)	3-Nitroaniline	0.308	0.358	0.346	0.336	0.341	0.330	0.313	0.333	5.31	
54) P	2,4-Dinitrophenol	0.074	0.102	0.112	0.124	0.129	0.137	0.136	0.116	19.27	
55)	Dibenzofuran	1.667	1.876	1.628	1.501	1.437	1.282	1.211	1.515	15.23	
56) P	4-Nitrophenol	0.222	0.267	0.262	0.255	0.261	0.249	0.244	0.252	6.02	
57)	2,4-Dinitrotol...	0.332	0.372	0.373	0.376	0.383	0.377	0.361	0.368	4.66	
58)	Fluorene	1.347	1.501	1.280	1.185	1.129	0.971	0.910	1.189	17.50	
59)	2,3,4,6-Tetrac...	0.348	0.409	0.390	0.382	0.382	0.357	0.343	0.373	6.53	
60)	Diethylphthalate	1.355	1.499	1.333	1.267	1.229	1.111	1.049	1.263	12.05	
61)	4-Chlorophenyl...	0.704	0.794	0.700	0.650	0.615	0.553	0.511	0.647	14.90	
62)	4-Nitroaniline	0.313	0.371	0.352	0.348	0.349	0.334	0.325	0.342	5.67	
63)	Azobenzene	1.323	1.489	1.294	1.221	1.177	1.064	0.995	1.224	13.56	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.060	0.080	0.088	0.093	0.097	0.099	0.099	0.088	15.92	
66) c	n-Nitrosodiphe...	0.616	0.726	0.642	0.618	0.578	0.532	0.511	0.603	11.98	
67)	4-Bromophenyl-...	0.237	0.280	0.260	0.253	0.245	0.231	0.223	0.247	7.79	
68)	Hexachlorobenzene	0.275	0.320	0.294	0.288	0.276	0.258	0.249	0.280	8.46	
69)	Atrazine	0.199	0.239	0.218	0.212	0.209	0.196	0.191	0.209	7.70	
70) C	Pentachlorophenol	0.126	0.163	0.161	0.163	0.164	0.158	0.155	0.156	8.73	
71)	Phenanthrene	1.089	1.220	1.041	0.961	0.899	0.798	0.746	0.965	17.27	
72)	Anthracene	1.069	1.209	1.029	0.958	0.887	0.787	0.744	0.955	17.12	
73)	Carbazole	0.947	1.083	0.945	0.879	0.825	0.748	0.702	0.876	14.89	
74)	Di-n-butylphth...	1.125	1.217	1.038	0.957	0.913	0.802	0.758	0.973	17.10	
75) C	Fluoranthene	1.149	1.294	1.106	1.017	0.942	0.820	0.796	1.018	17.74	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.446	0.696	0.571	0.531	0.543	0.420		0.534	18.38	
78)	Pyrene	1.362	1.613	1.413	1.415	1.299	1.230	1.172	1.358	10.65	
79) S	Terphenyl-d14	1.084	1.179	0.961	0.896	0.841	0.738	0.721	0.917	18.64	
80)	Butylbenzylpht...	0.485	0.594	0.565	0.572	0.567	0.563	0.543	0.556	6.19	
81)	Benzo(a)anthra...	1.290	1.476	1.279	1.222	1.142	1.039	0.974	1.203	14.03	
82)	3,3'-Dichlorob...	0.391	0.520	0.462	0.442	0.428	0.387	0.370	0.429	12.13	
83)	Chrysene	1.228	1.401	1.210	1.159	1.088	1.021	0.965	1.153	12.63	
84)	Bis(2-ethylhex...	0.716	0.774	0.699	0.680	0.661	0.627	0.595	0.679	8.72	
85) c	Di-n-octyl pht...	1.041	1.118	1.017	0.995	1.002	0.955	0.906	1.005	6.64	
86)	Indeno(1,2,3-c...	0.979	0.997	0.938	0.985	0.986	1.024	1.104	1.002	5.16	

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[illegible]

(#) = Out of Range