

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF011720.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 =BF118552.D 20 =BF118553.D 40 =BF118554.D 50 =BF118555.D 60 =BF118556.D 80 =BF118557.D 100 =BF118558.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.598	0.556	0.518	0.535	0.478	0.487	0.468	0.520	8.98
3)	Pyridine	1.651	1.535	1.436	1.467	1.339	1.332	1.295	1.436	8.84
4)	n-Nitrosodimet...	0.729	0.703	0.656	0.684	0.620	0.622	0.598	0.659	7.35
5) S	2-Fluorophenol	1.320	1.221	1.089	1.122	0.971	0.965	0.889	1.082	14.15
6)	Aniline	2.213	2.083	1.923	2.029	1.775	1.365	1.607	1.856	15.91
7) S	Phenol-d6	1.729	1.592	1.433	1.463	1.288	1.256	1.168	1.418	13.94
8)	2-Chlorophenol	1.393	1.366	1.262	1.299	1.143	1.116	1.038	1.231	10.89
9)	Benzaldehyde	1.163	1.000	0.645	0.693	0.588	0.532	0.460	0.726	35.60
10) C	Phenol	1.782	1.689	1.527	1.678	1.472	1.416	1.329	1.556	10.59
11)	bis(2-Chloroet...	1.474	1.390	1.258	1.297	1.147	1.099	1.059	1.246	12.33
12)	1,3-Dichlorobe...	1.754	1.638	1.492	1.527	1.337	1.294	1.205	1.464	13.41
13) C	1,4-Dichlorobe...	1.767	1.673	1.501	1.528	1.340	1.291	1.194	1.471	14.12
14)	1,2-Dichlorobe...	1.687	1.592	1.430	1.441	1.239	1.184	1.057	1.376	16.46
15)	Benzyl Alcohol	1.371	1.311	1.183	1.229	1.071	1.037	0.945	1.164	13.21
16)	2,2'-oxybis(1-...	2.186	2.064	1.847	1.910	1.687	1.611	1.493	1.828	13.60
17)	2-Methylphenol	1.201	1.137	1.038	1.095	0.977	0.953	0.913	1.045	10.02
18)	Hexachloroethane	0.592	0.587	0.551	0.568	0.509	0.490	0.454	0.536	9.81
19) P	n-Nitroso-di-n...	1.211	1.138	1.016	1.072	0.934	0.899	0.850	1.017	12.95
20)	3+4-Methylphenols	1.551	1.467	1.297	1.314	1.098	1.062	0.959	1.250	17.52
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.583	0.549	0.493	0.508	0.433	0.428	0.403	0.485	13.84
23) S	Nitrobenzene-d5	0.249	0.318	0.339	0.368	0.334	0.335	0.323	0.324	11.27
24)	Nitrobenzene	0.282	0.349	0.362	0.385	0.349	0.351	0.333	0.344	9.23
25)	Isophorone	0.793	0.755	0.695	0.730	0.659	0.650	0.637	0.703	8.38
26) C	2-Nitrophenol	0.077	0.111	0.135	0.160	0.153	0.157	0.160	0.136	23.28
27)	2,4-Dimethylph...	0.289	0.292	0.282	0.297	0.267	0.268	0.261	0.280	4.96
28)	bis(2-Chloroet...	0.518	0.493	0.452	0.476	0.418	0.410	0.394	0.452	10.27
29) C	2,4-Dichloroph...	0.313	0.320	0.312	0.330	0.296	0.297	0.285	0.308	5.02
30)	1,2,4-Trichlor...	0.401	0.388	0.365	0.381	0.333	0.329	0.314	0.359	9.33
31)	Naphthalene	1.177	1.101	0.972	0.982	0.819	0.803	0.749	0.943	17.01
32)	Benzoic acid	0.083	0.133	0.171	0.202	0.195	0.206	0.213	0.172	27.73
33)	4-Chloroaniline	0.504	0.484	0.437	0.451	0.388	0.406	0.398	0.438	10.07
34) C	Hexachlorobuta...	0.247	0.242	0.231	0.237	0.210	0.205	0.194	0.224	9.16
35)	Caprolactam	0.098	0.101	0.093	0.099	0.089	0.091	0.098	0.096	4.74
36) C	4-Chloro-3-met...	0.340	0.325	0.305	0.321	0.284	0.286	0.275	0.305	8.07
37)	2-Methylnaphth...	0.819	0.768	0.682	0.696	0.589	0.583	0.540	0.668	15.39
38)	1-Methylnaphth...	0.770	0.725	0.646	0.664	0.559	0.546	0.515	0.632	15.19

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.738	0.713	0.668	0.679	0.594	0.583	0.540	0.645	11.38	
41) P	Hexachlorocycl...	0.308	0.345	0.360	0.368	0.335	0.330	0.313	0.337	6.65	
42) S	2,4,6-Tribromo...	0.216	0.237	0.232	0.241	0.211	0.208	0.201	0.221	7.05	
43) C	2,4,6-Trichlor...	0.394	0.421	0.413	0.454	0.403	0.399	0.392	0.411	5.23	
44)	2,4,5-Trichlor...	0.395	0.432	0.430	0.446	0.410	0.409	0.385	0.416	5.24	
45) S	2-Fluorobiphenyl	1.401	1.153	1.131	0.941	0.913		1.108		17.75	
46)	1,1'-Biphenyl	1.783	1.666	1.492	1.468	1.258	1.221	1.116	1.429	17.10	
47)	2-Chloronaphth...	1.429	1.350	1.229	1.257	1.095	1.065	1.006	1.205	12.93	
48)	2-Nitroaniline	0.191	0.281	0.326	0.362	0.342	0.350	0.341	0.313	19.02	
49)	Acenaphthylene	2.092	1.965	1.747	1.748	1.495	1.495	1.362	1.701	15.68	
50)	Dimethylphthalate	1.622	1.523	1.379	1.415	1.244	1.241	1.188	1.373	11.70	
51)	2,6-Dinitrotol...	0.158	0.237	0.270	0.307	0.284	0.293	0.285	0.262	19.40	
52) C	Acenaphthene	1.318	1.247	1.136	1.166	1.001	0.997	0.933	1.114	12.78	
53)	3-Nitroaniline	0.210	0.280	0.310	0.334	0.313	0.322	0.309	0.297	14.02	
54) P	2,4-Dinitrophenol	0.042	0.059	0.083	0.101	0.101	0.110	0.119	0.088	31.99	
55)	Dibenzofuran	1.968	1.814	1.615	1.625	1.382	1.370	1.264	1.577	16.20	
56) P	4-Nitrophenol	0.154	0.203	0.228	0.242	0.229	0.241	0.238	0.219	14.43	
57)	2,4-Dinitrotol...	0.181	0.272	0.326	0.369	0.354	0.364	0.361	0.318	21.78	
58)	Fluorene	1.588	1.470	1.245	1.250	1.030	1.036	0.929	1.221	19.90	
59)	2,3,4,6-Tetrac...	0.346	0.371	0.374	0.393	0.344	0.339	0.321	0.355	6.92	
60)	Diethylphthalate	1.612	1.531	1.380	1.386	1.197	1.181	1.099	1.341	14.22	
61)	4-Chlorophenyl...	0.820	0.789	0.699	0.691	0.581	0.577	0.518	0.668	17.04	
62)	4-Nitroaniline	0.227	0.286	0.306	0.328	0.302	0.311	0.303	0.295	11.02	
63)	Azobenzene	1.613	1.506	1.342	1.340	1.158	1.145	1.043	1.307	15.75	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.032	0.050	0.068	0.083	0.085	0.089	0.094	0.072	31.98	
66) c	n-Nitrosodiphe...	0.743	0.714	0.650	0.670	0.596	0.575	0.552	0.643	11.18	
67)	4-Bromophenyl-...	0.289	0.286	0.271	0.284	0.255	0.250	0.239	0.268	7.48	
68)	Hexachlorobenzene	0.329	0.318	0.300	0.314	0.281	0.272	0.261	0.297	8.59	
69)	Atrazine	0.231	0.217	0.157	0.172	0.151		0.185		19.47	
70) C	Pentachlorophenol	0.127	0.147	0.148	0.165	0.150	0.144	0.139	0.146	7.94	
71)	Phenanthrene	1.286	1.181	1.022	1.019	0.878	0.862	0.788	1.005	17.90	
72)	Anthracene	1.287	1.173	1.017	1.036	0.875	0.848	0.785	1.003	18.16	
73)	Carbazole	1.137	1.046	0.917	0.923	0.802	0.787	0.721	0.905	16.44	
74)	Di-n-butylphth...	1.419	1.295	1.115	1.090	0.941	0.885		1.124	18.15	
75) C	Fluoranthene	1.372	1.240	1.066	1.050	0.911	0.847		1.081	18.25	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.658	0.501	0.483	0.627	0.284	0.499	0.350	0.486	27.78	
78)	Pyrene	1.716	1.622	1.412	1.602	1.328	1.434	1.336	1.493	10.23	
79) S	Terphenyl-d14	1.305	1.182	0.964	1.044	0.874	0.910	0.810	1.013	17.49	
80)	Butylbenzylphth...	0.635	0.647	0.628	0.704	0.635	0.629	0.601	0.640	4.94	
81)	Benzo(a)anthra...	1.522	1.420	1.251	1.321	1.112	1.149	1.062	1.262	13.40	
82)	3,3'-Dichlorob...	0.533	0.515	0.445	0.472	0.394	0.385	0.356	0.443	15.24	
83)	Chrysene	1.450	1.347	1.212	1.263	1.073	1.104	1.051	1.214	12.31	
84)	Bis(2-ethylhex...	0.849	0.862	0.810	0.858	0.755	0.739	0.686	0.794	8.62	
85) c	Di-n-octyl pht...	1.252	1.299	1.265	1.308	1.161	1.146	1.082	1.216	7.13	
86)	Indeno(1,2,3-c...	1.128	1.028	1.072	1.191	1.110	1.386	1.451	1.195	13.53	

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[illegible]

(#) = Out of Range