

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF101419.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 =BF117395.D 20 =BF117396.D 40 =BF117397.D 50 =BF117398.D 60 =BF117399.D 80 =BF117400.D 100 =BF117401.D

Compound		10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.531	0.555	0.536	0.526	0.532	0.527	0.539	0.535	1.82
3)	Pyridine	1.091	1.271	1.429	1.394	1.431	1.435	1.481	1.362	10.00
4)	n-Nitrosodimet...	0.390	0.408	0.482	0.499	0.528	0.524	0.529	0.480	12.14
5) S	2-Fluorophenol	1.335	1.364	1.315	1.286	1.260	1.267	1.272	1.300	3.02
6)	Aniline	2.364	2.258	2.172	2.123	2.119	2.045	2.001	2.154	5.78
7) S	Phenol-d6	1.874	1.798	1.720	1.699	1.687	1.657	1.639	1.725	4.83
8)	2-Chlorophenol	1.529	1.518	1.440	1.434	1.423	1.393	1.379	1.445	4.00
9)	Benzaldehyde	1.188	1.021	0.892	0.816	0.737	0.632	0.600	0.841	25.15
10) C	Phenol	1.899	1.901	1.857	1.850	1.859	1.821	1.847	1.862	1.55
11)	bis(2-Chloroet...	1.414	1.450	1.433	1.420	1.394	1.417	1.382	1.416	1.61
12)	1,3-Dichlorobe...	1.761	1.650	1.612	1.585	1.593	1.565	1.546	1.616	4.46
13) C	1,4-Dichlorobe...	1.831	1.735	1.619	1.577	1.613	1.581	1.577	1.647	5.96
14)	1,2-Dichlorobe...	1.731	1.631	1.547	1.537	1.505	1.493	1.448	1.556	6.13
15)	Benzyl Alcohol	1.446	1.342	1.326	1.289	1.283	1.286	1.263	1.319	4.71
16)	2,2'-oxybis(1-...	1.600	1.502	1.456	1.454	1.477	1.473	1.444	1.486	3.60
17)	2-Methylphenol	1.340	1.232	1.161	1.202	1.191	1.173	1.145	1.206	5.43
18)	Hexachloroethane	0.690	0.663	0.634	0.628	0.632	0.617	0.619	0.641	4.15
19) P	n-Nitroso-di-n...	1.197	1.105	1.071	1.068	1.107	1.082	1.068	1.100	4.16
20)	3+4-Methylphenols	1.768	1.651	1.528	1.508	1.516	1.462	1.440	1.553	7.47
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.563	0.549	0.525	0.511	0.510	0.503	0.512	0.525	4.29
23) S	Nitrobenzene-d5	0.421	0.410	0.391	0.381	0.385	0.385	0.388	0.395	3.82
24)	Nitrobenzene	0.449	0.415	0.391	0.381	0.377	0.370	0.384	0.395	6.97
25)	Isophorone	0.772	0.709	0.690	0.681	0.691	0.686	0.691	0.703	4.53
26) C	2-Nitrophenol	0.178	0.172	0.179	0.173	0.176	0.173	0.176	0.175	1.54
27)	2,4-Dimethylph...	0.299	0.271	0.261	0.257	0.259	0.257	0.262	0.267	5.61
28)	bis(2-Chloroet...	0.479	0.440	0.433	0.423	0.430	0.421	0.424	0.436	4.68
29) C	2,4-Dichloroph...	0.294	0.279	0.278	0.272	0.273	0.262	0.267	0.275	3.69
30)	1,2,4-Trichlor...	0.321	0.308	0.298	0.288	0.287	0.288	0.286	0.296	4.48
31)	Naphthalene	1.097	1.028	1.005	0.977	0.971	0.954	0.959	0.999	5.08
32)	Benzoic acid	0.111	0.132	0.157	0.175	0.191	0.198	0.197	0.166	20.54
33)	4-Chloroaniline	0.482	0.448	0.435	0.420	0.404	0.390	0.391	0.424	7.88
34) C	Hexachlorobuta...	0.188	0.173	0.169	0.164	0.163	0.165	0.167	0.170	5.23
35)	Caprolactam	0.093	0.090	0.089	0.086	0.082	0.080	0.081	0.086	5.82
36) C	4-Chloro-3-met...	0.344	0.324	0.314	0.304	0.301	0.300	0.304	0.313	5.16
37)	2-Methylnaphth...	0.753	0.704	0.682	0.649	0.650	0.634	0.649	0.674	6.22
38)	1-Methylnaphth...	0.720	0.659	0.633	0.614	0.605	0.607	0.610	0.635	6.62

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.574	0.567	0.551	0.518	0.524	0.523	0.510	0.538	4.77	
41) P	Hexachlorocycl...	0.019	0.042	0.081	0.102	0.143	0.159	0.158	0.101	55.99	
42) S	2,4,6-Tribromo...	0.175	0.171	0.174	0.159	0.157	0.153	0.149	0.163	6.60	
43) C	2,4,6-Trichlor...	0.348	0.361	0.351	0.332	0.338	0.332	0.323	0.341	3.95	
44)	2,4,5-Trichlor...	0.372	0.354	0.380	0.336	0.331	0.335	0.325	0.347	6.15	
45) S	2-Fluorobiphenyl	1.531	1.454	1.411	1.317	1.305	1.305	1.279	1.372	6.94	
46)	1,1'-Biphenyl	1.742	1.712	1.689	1.597	1.602	1.559	1.536	1.634	4.89	
47)	2-Chloronaphth...	1.390	1.327	1.312	1.228	1.228	1.225	1.205	1.274	5.47	
48)	2-Nitroaniline	0.426	0.422	0.422	0.400	0.399	0.389	0.386	0.406	4.15	
49)	Acenaphthylene	2.059	1.969	1.952	1.815	1.781	1.764	1.730	1.867	6.70	
50)	Dimethylphthalate	1.580	1.493	1.480	1.370	1.396	1.379	1.356	1.436	5.79	
51)	2,6-Dinitrotol...	0.316	0.314	0.309	0.292	0.296	0.295	0.293	0.302	3.46	
52) C	Acenaphthene	1.231	1.206	1.169	1.093	1.098	1.076	1.069	1.135	5.87	
53)	3-Nitroaniline	0.409	0.392	0.377	0.355	0.359	0.344	0.347	0.369	6.65	
54) P	2,4-Dinitrophenol	0.077	0.097	0.124	0.128	0.121	0.133	0.129	0.116	17.96	
55)	Dibenzofuran	1.856	1.778	1.717	1.586	1.580	1.538	1.531	1.655	7.75	
56) P	4-Nitrophenol	0.089	0.123	0.159	0.155	0.168	0.166	0.168	0.147	20.33	
57)	2,4-Dinitrotol...	0.425	0.409	0.418	0.393	0.383	0.378	0.382	0.398	4.74	
58)	Fluorene	1.554	1.469	1.417	1.324	1.311	1.294	1.278	1.378	7.56	
59)	2,3,4,6-Tetrac...	0.307	0.300	0.276	0.262	0.258	0.243	0.235	0.269	10.08	
60)	Diethylphthalate	1.615	1.530	1.479	1.398	1.391	1.372	1.350	1.448	6.72	
61)	4-Chlorophenyl...	0.673	0.643	0.642	0.596	0.588	0.568	0.562	0.610	6.95	
62)	4-Nitroaniline	0.385	0.387	0.395	0.332	0.321	0.321	0.313	0.350	10.50	
63)	Azobenzene	1.677	1.549	1.518	1.424	1.420	1.423	1.389	1.486	6.92	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.078	0.082	0.104	0.100	0.112	0.115	0.112	0.100	15.04	
66) c	n-Nitrosodiphe...	0.809	0.776	0.746	0.713	0.741	0.735	0.710	0.747	4.68	
67)	4-Bromophenyl-...	0.229	0.218	0.226	0.214	0.222	0.214	0.212	0.219	3.09	
68)	Hexachlorobenzene	0.247	0.238	0.239	0.227	0.237	0.234	0.227	0.236	3.01	
69)	Atrazine	0.221	0.197	0.145	0.120	0.075	0.055	0.035	0.121	58.43	
70) C	Pentachlorophenol	0.058	0.068	0.072	0.069	0.076	0.079	0.071	0.070	9.39	
71)	Phenanthrene	1.279	1.247	1.223	1.139	1.158	1.130	1.101	1.182	5.68	
72)	Anthracene	1.374	1.262	1.267	1.156	1.196	1.165	1.124	1.220	7.07	
73)	Carbazole	1.225	1.172	1.155	1.075	1.055	1.050	1.028	1.109	6.75	
74)	Di-n-butylphth...	1.675	1.551	1.529	1.448	1.455	1.441	1.410	1.501	6.10	
75) C	Fluoranthene	1.321	1.248	1.226	1.135	1.125	1.093	1.082	1.176	7.66	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.878	0.738	0.625	0.530	0.274	0.209	0.209	0.495	54.55	
78)	Pyrene	1.844	1.708	1.705	1.720	1.827	1.827	1.743	1.768	3.52	
79) S	Terphenyl-d14	1.337	1.210	1.188	1.187	1.261	1.243	1.163	1.227	4.84	
80)	Butylbenzylphth...	0.933	0.838	0.853	0.868	0.919	0.925	0.888	0.889	4.22	
81)	Benzo(a)anthra...	1.471	1.388	1.382	1.343	1.344	1.352	1.325	1.372	3.57	
82)	3,3'-Dichlorob...	0.511	0.474	0.439	0.397	0.348			0.434	14.66	
83)	Chrysene	1.485	1.429	1.370	1.336	1.288	1.311	1.254	1.353	6.00	
84)	Bis(2-ethylhex...	1.335	1.210	1.204	1.214	1.272	1.297	1.243	1.253	3.97	
85) c	Di-n-octyl pht...	2.146	1.941	1.917	1.841	1.819	1.869	1.825	1.908	6.00	
86)	Indeno(1,2,3-c...	0.992	0.899	0.882	0.877	0.994	1.029	0.952	0.946	6.45	

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[illegible]

(#) = Out of Range