

Method Path : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF111319.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 =BF117775.D 20 =BF117776.D 40 =BF117777.D 50 =BF117778.D 60 =BF117779.D 80 =BF117780.D 100 =BF117781.D

	Compound	10	20	40	50	60	80	100	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.626	0.583	0.518	0.522	0.507	0.481	0.460	0.528	10.93
3)	Pyridine	1.512	1.530	1.355	1.381	1.354	1.309	1.257	1.385	7.30
4)	n-Nitrosodimet...	0.687	0.638	0.590	0.599	0.594	0.573	0.553	0.605	7.35
5) S	2-Fluorophenol	1.375	1.275	1.079	1.079	1.013	0.959		1.130	14.25
6)	Aniline	2.092	2.008	1.775	1.788	1.727	1.663	1.553	1.801	10.49
7) S	Phenol-d6	1.662	1.514	1.297	1.288	1.238	1.177		1.363	13.62
8)	2-Chlorophenol	1.483	1.411	1.209	1.217	1.166	1.088	1.008	1.226	13.75
9)	Benzaldehyde	1.181	1.066	0.887	0.836	0.757	0.659	0.573	0.851	25.34
10) C	Phenol	1.724	1.613	1.379	1.406	1.344	1.277	1.170	1.416	13.53
11)	bis(2-Chloroet...	1.368	1.295	1.116	1.128	1.077	1.015	0.963	1.137	12.83
12)	1,3-Dichlorobe...	1.769	1.658	1.421	1.433	1.362	1.274	1.185	1.443	14.27
13) C	1,4-Dichlorobe...	1.796	1.680	1.440	1.452	1.370	1.284	1.190	1.459	14.63
14)	1,2-Dichlorobe...	1.703	1.576	1.350	1.340	1.252	1.152		1.395	14.77
15)	Benzyl Alcohol	1.201	1.174	1.043	1.067	1.017	0.966	0.896	1.052	10.29
16)	2,2'-oxybis(1-...	2.066	1.999	1.783	1.772	1.667	1.537	1.432	1.751	13.13
17)	2-Methylphenol	1.203	1.147	1.026	1.044	0.997	0.949	0.902	1.038	10.19
18)	Hexachloroethane	0.619	0.606	0.532	0.541	0.516	0.481	0.456	0.536	11.21
19) P	n-Nitroso-di-n...	1.006	0.957	0.819	0.832	0.794	0.754	0.724	0.841	12.34
20)	3+4-Methylphenols	1.559	1.453	1.258	1.235	1.160	1.068		1.289	14.29
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.547	0.503	0.432	0.437	0.426	0.408	0.393	0.449	12.29
23) S	Nitrobenzene-d5	0.366	0.361	0.328	0.339	0.328	0.321	0.313	0.336	5.98
24)	Nitrobenzene	0.387	0.373	0.339	0.348	0.337	0.330	0.315	0.347	7.19
25)	Isophorone	0.700	0.653	0.586	0.605	0.593	0.590	0.589	0.617	7.10
26) C	2-Nitrophenol	0.160	0.170	0.166	0.175	0.172	0.171	0.169	0.169	2.89
27)	2,4-Dimethylph...	0.294	0.267	0.256	0.263	0.257	0.252	0.248	0.263	5.84
28)	bis(2-Chloroet...	0.459	0.431	0.375	0.385	0.371	0.362	0.355	0.391	9.98
29) C	2,4-Dichloroph...	0.323	0.307	0.276	0.285	0.276	0.268	0.259	0.285	7.88
30)	1,2,4-Trichlor...	0.386	0.363	0.321	0.328	0.316	0.306	0.292	0.330	9.97
31)	Naphthalene	1.151	1.070	0.910	0.912	0.878	0.830	0.774	0.932	14.26
32)	Benzoic acid	0.181	0.203	0.211	0.234	0.234	0.238	0.239	0.220	10.11
33)	4-Chloroaniline	0.486	0.456	0.403	0.411	0.399	0.383	0.384	0.417	9.36
34) C	Hexachlorobuta...	0.221	0.212	0.189	0.192	0.185	0.179	0.173	0.193	9.16
35)	Caprolactam	0.099	0.093	0.086	0.089	0.089	0.090	0.087	0.090	4.74
36) C	4-Chloro-3-met...	0.328	0.311	0.276	0.285	0.277	0.275	0.271	0.289	7.51
37)	2-Methylnaphth...	0.777	0.717	0.613	0.617	0.589	0.562	0.534	0.630	13.76
38)	1-Methylnaphth...	0.735	0.677	0.578	0.586	0.558	0.528	0.508	0.596	13.71

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39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.687	0.637	0.560	0.580	0.554	0.534	0.513	0.581	10.51	
41) P	Hexachlorocycl...	0.327	0.334	0.315	0.333	0.328	0.324	0.317	0.325	2.30	
42) S	2,4,6-Tribromo...	0.246	0.231	0.203	0.206	0.204	0.199	0.194	0.212	8.98	
43) C	2,4,6-Trichlor...	0.450	0.437	0.404	0.420	0.407	0.399	0.396	0.416	4.93	
44)	2,4,5-Trichlor...	0.469	0.462	0.421	0.433	0.422	0.415	0.402	0.432	5.68	
45) S	2-Fluorobiphenyl	1.400	1.147	1.135	1.066	1.005	0.937	1.115		14.39	
46)	1,1'-Biphenyl	1.829	1.705	1.458	1.454	1.385	1.320	1.236	1.484	14.22	
47)	2-Chloronaphth...	1.441	1.344	1.183	1.216	1.167	1.119	1.075	1.221	10.58	
48)	2-Nitroaniline	0.365	0.372	0.359	0.376	0.371	0.376	0.361	0.369	1.88	
49)	Acenaphthylene	2.175	2.015	1.737	1.762	1.690	1.587	1.491	1.780	13.42	
50)	Dimethylphthalate	1.629	1.531	1.350	1.376	1.338	1.312	1.282	1.402	9.12	
51)	2,6-Dinitrotol...	0.314	0.315	0.299	0.310	0.308	0.304	0.296	0.307	2.39	
52) C	Acenaphthene	1.356	1.257	1.097	1.124	1.086	1.056	1.006	1.140	10.77	
53)	3-Nitroaniline	0.381	0.376	0.357	0.363	0.367	0.367	0.356	0.367	2.54	
54) P	2,4-Dinitrophenol	0.095	0.114	0.127	0.143	0.151	0.159	0.163	0.136	18.47	
55)	Dibenzofuran	1.963	1.784	1.535	1.544	1.490	1.416	1.319	1.579	14.03	
56) P	4-Nitrophenol	0.277	0.276	0.268	0.270	0.277	0.281	0.267	0.274	1.94	
57)	2,4-Dinitrotol...	0.384	0.393	0.375	0.398	0.397	0.398	0.384	0.390	2.32	
58)	Fluorene	1.511	1.359	1.145	1.154	1.116	1.054		1.223	14.27	
59)	2,3,4,6-Tetrac...	0.396	0.377	0.343	0.354	0.346	0.338	0.330	0.355	6.67	
60)	Diethylphthalate	1.594	1.516	1.332	1.358	1.296	1.260	1.215	1.367	10.10	
61)	4-Chlorophenyl...	0.768	0.708	0.602	0.615	0.582	0.551	0.520	0.621	14.13	
62)	4-Nitroaniline	0.387	0.367	0.342	0.362	0.369	0.376	0.368	0.367	3.78	
63)	Azobenzene	1.494	1.398	1.206	1.225	1.177	1.129	1.080	1.244	11.94	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.068	0.083	0.090	0.101	0.102	0.104	0.106	0.093	14.94	
66) c	n-Nitrosodipe...	0.698	0.646	0.565	0.575	0.548	0.529	0.513	0.582	11.43	
67)	4-Bromophenyl-...	0.249	0.240	0.210	0.216	0.208	0.196	0.190	0.216	10.11	
68)	Hexachlorobenzene	0.294	0.275	0.246	0.251	0.241	0.230	0.224	0.252	9.94	
69)	Atrazine	0.219	0.212	0.185	0.193	0.185	0.178	0.168	0.191	9.65	
70) C	Pentachlorophenol	0.151	0.151	0.143	0.151	0.149	0.145	0.139	0.147	3.14	
71)	Phenanthrene	1.237	1.127	0.949	0.943	0.912	0.865		1.006	14.34	
72)	Anthracene	1.237	1.111	0.937	0.943	0.899	0.854		0.997	14.68	
73)	Carbazole	1.090	0.982	0.843	0.851	0.816	0.780	0.736	0.871	14.12	
74)	Di-n-butylphth...	1.316	1.248	1.017	1.036	0.976	0.915		1.085	14.74	
75) C	Fluoranthene	1.254	1.115	0.936	0.931	0.903	0.864	0.806	0.973	16.08	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.743	0.721	0.657	0.661	0.493			0.655	14.98	
78)	Pyrene	1.796	1.744	1.567	1.598	1.590	1.526	1.493	1.616	6.92	
79) S	Terphenyl-d14	1.303	1.247	1.056	1.096	1.028	0.985	0.945	1.094	12.19	
80)	Butylbenzylpht...	0.701	0.727	0.660	0.720	0.684	0.688	0.680	0.694	3.39	
81)	Benzo(a)anthra...	1.528	1.423	1.270	1.309	1.286	1.238	1.198	1.322	8.68	
82)	3,3'-Dichlorob...	0.525	0.508	0.450	0.476	0.445	0.429	0.402	0.462	9.47	
83)	Chrysene	1.502	1.384	1.205	1.282	1.240	1.196	1.156	1.281	9.54	
84)	Bis(2-ethylhex...	0.897	0.915	0.785	0.879	0.812	0.807	0.796	0.842	6.36	
85) c	Di-n-octyl pht...	1.289	1.383	1.143	1.316	1.172	1.173	1.179	1.236	7.43	
86)	Indeno(1,2,3-c...	1.028	1.097	0.940	1.069	1.101	1.156	1.239	1.090	8.67	

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[illegible]

(#) = Out of Range