

Method Path : Z:\HPCHEM1\BNA_F\METHODS\
 Method File : 8270-BF060415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 05 19:22:57 2015
 Response Via : Initial Calibration

Calibration Files

2.5 =BF079700.D 10 =BF079701.D 25 =BF079702.D 40 =BF079703.D 50 =BF079704.D 60 =BF079705.D 80 =BF079706.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.497	0.544	0.529	0.521	0.517	0.554	0.527	3.86	
3)	Pyridine	1.382	1.381	1.602	1.578	1.544	1.389	1.452	1.475	6.60
4)	n-Nitrosodimet...	0.787	0.639	0.702	0.695	0.662	0.643	0.704	0.690	7.34
5) S	2-Fluorophenol	1.169	1.127	1.156	1.197	1.166	1.165	1.184	1.166	1.90
6)	Aniline	2.008	1.946	2.190	2.224	2.102	2.153	2.175	2.114	4.84
7) S	Phenol-d6	1.580	1.562	1.477	1.510	1.458	1.482	1.560	1.518	3.21
8)	2-Chlorophenol	1.418	1.328	1.338	1.334	1.289	1.335	1.321	1.337	2.92
9)	Benzaldehyde	0.966	0.968	0.989	0.987	0.932	0.920	0.921	0.955	3.16
10) C	Phenol	1.612	1.566	1.526	1.611	1.475	1.487	1.741	1.574	5.83
11)	bis(2-Chloroet...	1.250	1.210	1.367	1.364	1.316	1.332	1.311	1.307	4.43
12)	1,3-Dichlorobe...	1.572	1.558	1.518	1.523	1.485	1.504	1.487	1.521	2.21
13) C	1,4-Dichlorobe...	1.679	1.568	1.620	1.662	1.605	1.601	1.631	1.624	2.31
14)	1,2-Dichlorobe...	1.464	1.417	1.433	1.460	1.408	1.402	1.444	1.432	1.71
15)	Benzyl Alcohol	1.082	1.063	1.174	1.219	1.112	1.138	1.234	1.146	5.75
16)	2,2'-oxybis(1-...	2.247	2.160	2.158	2.173	2.137	2.133	2.134	2.163	1.85
17)	2-Methylphenol	1.131	1.106	1.078	1.093	1.055	1.049	1.143	1.094	3.27
18)	Hexachloroethane	0.474	0.499	0.527	0.529	0.508	0.513	0.521	0.510	3.77
19) P	n-Nitroso-di-n...	1.001	0.989	1.081	1.052	1.106	1.123	1.000	1.050	5.22
20)	3+4-Methylphenols	1.407	1.437	1.497	1.556	1.473	1.498	1.586	1.493	4.20
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.471	0.450	0.521	0.508	0.481	0.493	0.486	0.487	4.81
23) S	Nitrobenzene-d5	0.271	0.292	0.351	0.359	0.330	0.341	0.355	0.328	10.29
24)	Nitrobenzene	0.325	0.344	0.344	0.343	0.337	0.333	0.351	0.340	2.55
25)	Isophorone	0.743	0.717	0.743	0.726	0.721	0.716	0.684	0.721	2.78
26) C	2-Nitrophenol	0.098	0.129	0.137	0.123	0.127	0.143	0.126	12.34	
27)	2,4-Dimethylph...	0.343	0.295	0.346	0.336	0.315	0.323	0.336	0.328	5.52
28)	bis(2-Chloroet...	0.429	0.421	0.407	0.400	0.381	0.395	0.382	0.402	4.49
29) C	2,4-Dichloroph...	0.252	0.285	0.294	0.287	0.278	0.288	0.285	0.281	4.87
30)	1,2,4-Trichlor...	0.321	0.332	0.349	0.349	0.333	0.339	0.345	0.338	3.03
31)	Naphthalene	1.190	1.185	1.112	1.066	1.053	1.077	1.032	1.102	5.73
32)	Benzoic acid	0.079	0.121	0.135	0.117	0.124	0.152	0.121	20.21	
33)	4-Chloroaniline	0.417	0.424	0.459	0.459	0.425	0.436	0.445	0.438	3.87
34) C	Hexachlorobuta...	0.199	0.201	0.198	0.196	0.193	0.190	0.198	0.197	1.98
35)	Caprolactam	0.066	0.080	0.093	0.090	0.089	0.090	0.089	0.085	11.00
36) C	4-Chloro-3-met...	0.260	0.319	0.300	0.302	0.285	0.295	0.309	0.296	6.45
37)	2-Methylnaphth...	0.750	0.752	0.754	0.744	0.730	0.738	0.736	0.744	1.24

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38)	I	Acenaphthene-d10	-----ISTD-----								
39)		1,2,4,5-Tetrac...	0.606	0.649	0.644	0.654	0.651	0.660	0.658	0.646	2.86
40)	P	Hexachlorocycl...		0.200	0.315	0.328	0.294	0.308	0.325	0.295	16.40
41)	S	2,4,6-Tribromo...	0.159	0.166	0.184	0.187	0.186	0.187	0.188	0.180	6.56
42)	C	2,4,6-Trichlor...	0.346	0.367	0.409	0.419	0.408	0.419	0.425	0.399	7.62
43)		2,4,5-Trichlor...	0.383	0.436	0.468	0.474	0.479	0.494	0.465	0.457	8.10
44)	S	2-Fluorobiphenyl	1.562	1.620	1.311	1.270	1.349	1.348	1.210	1.381	11.01
45)		1,1'-Biphenyl	1.671	1.728	1.556	1.573	1.550	1.595	1.533	1.601	4.49
46)		2-Chloronaphth...	1.359	1.421	1.281	1.252	1.268	1.328	1.246	1.308	4.94
47)		2-Nitroaniline		0.223	0.288	0.292	0.296	0.309	0.304	0.285	11.08
48)		Acenaphthylene	2.317	2.386	2.181	2.183	2.201	2.236	2.159	2.238	3.74
49)		Dimethylphthalate	1.552	1.646	1.506	1.488	1.558	1.606	1.429	1.541	4.77
50)		2,6-Dinitrotol...		0.178	0.285	0.287	0.288	0.308	0.293	0.273	17.27
51)	C	Acenaphthene	1.343	1.330	1.320	1.320	1.295	1.334	1.277	1.317	1.77
52)		3-Nitroaniline	0.224	0.273	0.321	0.329	0.345	0.355	0.330	0.311	14.94
53)	P	2,4-Dinitrophenol		0.031	0.060	0.064	0.057	0.061	0.067	0.057	22.80
54)		Dibenzofuran	1.876	1.941	1.897	1.867	1.822	1.951	1.858	1.887	2.43
55)	P	4-Nitrophenol		0.185	0.283	0.283	0.263	0.288	0.272	0.262	14.90
56)		2,4-Dinitrotol...		0.196	0.356	0.357	0.306	0.346	0.397	0.326	21.50
57)		Fluorene	1.738	1.746	1.554	1.537	1.617	1.621	1.474	1.612	6.31
58)		2,3,4,6-Tetrac...	0.278	0.330	0.357	0.341	0.350	0.364	0.352	0.339	8.57
59)		Diethylphthalate	1.485	1.599	1.552	1.506	1.618	1.639	1.457	1.551	4.54
60)		4-Chlorophenyl...	0.741	0.724	0.700	0.704	0.702	0.706	0.693	0.710	2.38
61)		4-Nitroaniline		0.273	0.319	0.314	0.353	0.349	0.342	0.325	9.27
62)		Azobenzene	1.533	1.520	1.444	1.436	1.463	1.509	1.426	1.476	2.98
63)	I	Phenanthrene-d10	-----ISTD-----								
64)		4,6-Dinitro-2-...		0.029	0.054	0.058	0.051	0.055	0.060	0.051	22.24
65)	c	n-Nitrosodipe...	0.660	0.663	0.616	0.627	0.634	0.608	0.596	0.629	4.04
66)		4-Bromophenyl-...	0.192	0.225	0.217	0.219	0.206	0.206	0.219	0.212	5.24
67)		Hexachlorobenzene	0.235	0.235	0.252	0.245	0.230	0.238	0.239	0.239	2.96
68)		Atrazine	0.173	0.195	0.223	0.229	0.214	0.218	0.230	0.212	9.77
69)	C	Pentachlorophenol		0.092	0.111	0.126	0.111	0.113	0.133	0.114	12.36
70)		Phenanthrene	1.239	1.183	1.144	1.186	1.142	1.114	1.135	1.163	3.63
71)		Anthracene	1.200	1.179	1.171	1.168	1.113	1.139	1.089	1.151	3.43
72)		Carbazole	1.128	1.105	1.073	1.089	1.036	1.064	1.017	1.073	3.61
73)		Di-n-butylphth...	1.415	1.274	1.274	1.233	1.214	1.255	1.267	1.276	5.10
74)	C	Fluoranthene	1.311	1.298	1.312	1.252	1.254	1.206	1.200	1.262	3.72
75)	I	Chrysene-d12	-----ISTD-----								
76)		Benzidine	0.538	0.545	0.630	0.663	0.593	0.611	0.633	0.602	7.71
77)		Pyrene	1.300	1.295	1.242	1.233	1.196	1.234	1.199	1.243	3.35
78)	S	Terphenyl-d14	0.921	0.901	0.858	0.824	0.825	0.851	0.762	0.849	6.23
79)		Butylbenzylpht...	0.408	0.449	0.504	0.498	0.489	0.495	0.513	0.479	7.84
80)		Benzo(a)anthra...	1.279	1.263	1.222	1.238	1.184	1.184	1.189	1.223	3.22
81)		3,3'-Dichlorob...	0.416	0.409	0.433	0.441	0.407	0.417	0.422	0.421	2.96
82)		Chrysene	1.271	1.205	1.136	1.127	1.097	1.108	1.065	1.144	6.18

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83)	Bis(2-ethylhex...	0.693	0.729	0.777	0.784	0.747	0.768	0.765	0.752	4.26
84) c	Di-n-octyl pht...	1.210	1.224	1.304	1.284	1.242	1.289	1.278	1.262	2.85
85)	Indeno(1,2,3-c...		1.364	1.274	1.295	1.235	1.279	1.301	1.291	3.28
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.656	1.254	1.229	1.208	1.193	1.294	1.196	1.290	12.82
88)	Benzo(k)fluora...	1.398	1.301	1.219	1.204	1.210	1.117	1.168	1.231	7.48
89) C	Benzo(a)pyrene	1.430	1.166	1.147	1.136	1.109	1.129	1.134	1.179	9.53
90)	Dibenzo(a,h)an...		1.216	1.064	1.060	1.053	1.070	1.070	1.089	5.75
91)	Benzo(g,h,i)pe...		1.204	1.094	1.090	1.081	1.111	1.101	1.113	4.09

(#) = Out of Range