Response Factor Report BNA_N

Method Path : Z:\HPCHEM1\BNA_N\METHODS\
Method File : 8270-BN041818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 18 16:58:01 2018
Response Via : Initial Calibration

Calibration Files
2.5 =BN000732.D 10 =BN000733.D 25 =BN000734.D 40 =BN000735.D 50 =BN000736.D 60 =BN000737.D 80 =BN000738.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------						
2)		1,4-Dioxane	0.688	0.622	0.609	0.618	0.605	0.589	0.591	0.618	5.38
3)		Pyridine	1.479	1.672	1.696	1.790	1.639	1.564	1.548	1.627	6.44
4)		n-Nitrosodimet...	0.384	0.447	0.456	0.485	0.457	0.451	0.451	0.447	6.80
5)	S	2-Fluorophenol	1.285	1.347	1.352	1.411	1.359	1.335	1.336	1.346	2.76
6)		Aniline	2.282	2.506	2.438	2.536	2.521	2.404	2.352	2.434	3.89
7)	S	Phenol-d6	1.707	1.873	1.847	1.937	1.891	1.810	1.778	1.835	4.19
8)		2-Chlorophenol	1.344	1.411	1.383	1.464	1.415	1.372	1.359	1.392	2.93
9)		Benzaldehyde		1.102	0.962	0.893	0.798	0.703	0.621	0.846	20.78
10)	C	Phenol	1.871	1.968	1.933	2.024	1.985	1.893	1.865	1.934	3.15
11)		bis(2-Chloroet...	1.569	1.639	1.573	1.632	1.603	1.539	1.520	1.582	2.85
12)		1,3-Dichlorobe...	1.655	1.640	1.608	1.643	1.617	1.590	1.568	1.617	1.95
13)	C	1,4-Dichlorobe...	1.681	1.658	1.615	1.695	1.634	1.608	1.603	1.642	2.23
14)		1,2-Dichlorobe...	1.627	1.617	1.554	1.587	1.568	1.518	1.499	1.567	3.04
15)		Benzyl Alcohol	1.027	1.199	1.253	1.376	1.385	1.308	1.286	1.262	9.71
16)		2,2'-oxybis(1-...	1.718	1.768	1.694	1.735	1.688	1.590	1.570	1.680	4.41
17)		2-Methylphenol	1.173	1.314	1.310	1.369	1.367	1.298	1.271	1.300	5.11
18)		Hexachloroethane	0.558	0.595	0.598	0.635	0.622	0.615	0.612	0.605	4.10
19)	P	n-Nitroso-di-n...	0.999	1.175	1.164	1.241	1.209	1.116	1.087	1.141	7.16
20)		3+4-Methylphenols	1.565	1.819	1.790	1.920	1.898	1.771	1.743	1.787	6.56
21)	I	Naphthalene-d8	----------	ISTD	----------						
22)		Acetophenone	0.550	0.584	0.583	0.595	0.576	0.564	0.559	0.573	2.78
23)	S	Nitrobenzene-d5	0.322	0.372	0.389	0.411	0.400	0.396	0.395	0.384	7.77
24)		Nitrobenzene	0.368	0.408	0.413	0.436	0.420	0.417	0.417	0.411	5.08
25)		Isophorone	0.571	0.681	0.693	0.749	0.747	0.714	0.711	0.695	8.66
26)	C	2-Nitrophenol		0.144	0.159	0.174	0.179	0.177	0.178	0.169	8.26
27)		2,4-Dimethylph...	0.241	0.277	0.279	0.285	0.287	0.279	0.278	0.275	5.58
28)		bis(2-Chloroet...	0.429	0.463	0.452	0.478	0.460	0.446	0.444	0.453	3.45
29)	C	2,4-Dichloroph...	0.224	0.270	0.273	0.282	0.288	0.280	0.279	0.271	7.89
30)		1,2,4-Trichlor...	0.326	0.327	0.322	0.330	0.327	0.327	0.326	0.327	0.72
31)		Naphthalene	1.118	1.099	1.074	1.067	1.067	1.054	1.048	1.075	2.33
32)		Benzoic acid		0.170	0.207	0.257	0.272	0.258	0.266	0.238	17.03
33)		4-Chloroaniline	0.396	0.448	0.440	0.457	0.459	0.437	0.436	0.439	4.75
34)	C	Hexachlorobuta...	0.175	0.175	0.172	0.175	0.180	0.182	0.182	0.177	2.25
35)		Caprolactam		0.083	0.084	0.100	0.105	0.093	0.098	0.094	9.35
36)	C	4-Chloro-3-met...	0.255	0.323	0.315	0.342	0.349	0.327	0.328	0.320	9.57
37)		2-Methylnaphth...	0.714	0.734	0.697	0.707	0.713	0.686	0.680	0.704	2.64

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38)	I	Acenaphthene-d10	----------ISTD----------								
39)		1,2,4,5-Tetrac...	0.594	0.609	0.631	0.618	0.613	0.640	0.636	0.620	2.66
40)	P	Hexachlorocycl...		0.306	0.345	0.361	0.370	0.403	0.397	0.364	9.85
41)	S	2,4,6-Tribromo...	0.158	0.198	0.191	0.212	0.220	0.211	0.219	0.201	10.88
42)	C	2,4,6-Trichlor...	0.288	0.362	0.384	0.395	0.398	0.405	0.401	0.376	10.98
43)		2,4,5-Trichlor...	0.356	0.431	0.438	0.449	0.457	0.457	0.454	0.435	8.25
44)	S	2-Fluorobiphenyl	1.512	1.494	1.492	1.410	1.400	1.438	1.396	1.449	3.41
45)		1,1'-Biphenyl	1.808	1.803	1.814	1.797	1.746	1.798	1.765	1.790	1.40
46)		2-Chloronaphth...	1.337	1.343	1.359	1.329	1.326	1.362	1.340	1.342	1.04
47)		2-Nitroaniline		0.325	0.370	0.402	0.413	0.409	0.417	0.389	9.14
48)		Acenaphthylene	1.963	2.155	2.159	2.171	2.144	2.160	2.143	2.128	3.45
49)		Dimethylphthalate	1.553	1.648	1.561	1.614	1.630	1.578	1.604	1.598	2.23
50)		2,6-Dinitrotol...		0.315	0.320	0.350	0.353	0.343	0.351	0.339	4.98
51)	C	Acenaphthene	1.317	1.332	1.304	1.301	1.272	1.281	1.271	1.297	1.80
52)		3-Nitroaniline		0.358	0.361	0.401	0.403	0.389	0.400	0.385	5.33
53)	P	2,4-Dinitrophenol		0.114	0.130	0.160	0.175	0.167	0.178	0.154	17.03
54)		Dibenzofuran	1.959	1.953	1.859	1.922	1.855	1.829	1.838	1.888	2.93
55)	P	4-Nitrophenol		0.258	0.263	0.292	0.307	0.290	0.307	0.286	7.32
56)		2,4-Dinitrotol...		0.407	0.405	0.459	0.472	0.446	0.471	0.443	6.86
57)		Fluorene	1.548	1.581	1.486	1.533	1.460	1.410	1.430	1.493	4.27
58)		2,3,4,6-Tetrac...	0.281	0.340	0.325	0.354	0.357	0.339	0.342	0.334	7.65
59)		Diethylphthalate	1.473	1.630	1.525	1.656	1.643	1.556	1.605	1.584	4.31
60)		4-Chlorophenyl...	0.735	0.741	0.690	0.707	0.682	0.662	0.667	0.698	4.48
61)		4-Nitroaniline		0.349	0.353	0.397	0.398	0.376	0.402	0.379	6.25
62)		Azobenzene	1.540	1.792	1.700	1.794	1.720	1.653	1.674	1.696	5.17
63)	I	Phenanthrene-d10	----------ISTD----------								
64)		4,6-Dinitro-2-...		0.097	0.111	0.134	0.133	0.131	0.135	0.124	12.72
65)	c	n-Nitrosodiphe...	0.604	0.671	0.688	0.726	0.674	0.679	0.657	0.671	5.47
66)		4-Bromophenyl-...	0.182	0.195	0.200	0.217	0.209	0.211	0.208	0.203	5.92
67)		Hexachlorobenzene	0.224	0.227	0.231	0.246	0.240	0.240	0.238	0.235	3.47
68)		Atrazine	0.154	0.196	0.192	0.208	0.197	0.176	0.151	0.182	12.24
69)	C	Pentachlorophenol		0.132	0.143	0.163	0.162	0.156	0.156	0.152	7.92
70)		Phenanthrene	1.198	1.189	1.154	1.185	1.139	1.124	1.118	1.158	2.81
71)		Anthracene	1.073	1.154	1.147	1.168	1.141	1.128	1.130	1.134	2.69
72)		Carbazole	0.979	1.104	1.083	1.083	1.080	1.050	1.083	1.066	3.90
73)		Di-n-butylphth...	0.861	1.195	1.213	1.287	1.338	1.285	1.325	1.215	13.57
74)	C	Fluoranthene	1.116	1.206	1.154	1.175	1.170	1.150	1.200	1.167	2.65
75)	I	Chrysene-d12	----------ISTD----------								
76)		Benzidine		0.508	0.515	0.552	0.537	0.595		0.542	6.40
77)		Pyrene	1.379	1.445	1.428	1.558	1.529	1.405	1.342	1.441	5.41
78)	S	Terphenyl-d14	0.926	0.961	0.913	0.984	0.968	0.889	0.851	0.928	5.11
79)		Butylbenzylpht...		0.501	0.544	0.637	0.678	0.641	0.640	0.607	11.29
80)		Benzo(a)anthra...	1.227	1.282	1.263	1.271	1.278	1.258	1.243	1.260	1.56
81)		3,3'-Dichlorob...		0.337	0.395	0.411	0.412	0.418	0.408	0.397	7.62
82)		Chrysene	1.243	1.244	1.220	1.219	1.218	1.214	1.185	1.220	1.63

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83)		Bis(2-ethylhex...		0.825	0.878	0.961	0.991	0.956	0.951	0.927	6.73
84)	c	Di-n-octyl pht...		1.037	1.210	1.361	1.406	1.451	1.494	1.326	12.98
85)		Indeno(1,2,3-c...		0.808	1.080	0.981	1.013	1.184	1.231	1.049	14.56
86)	I	Perylene-d12	----------ISTD----------								
87)		Benzo(b)fluora...	1.157	1.258	1.194	1.244	1.234	1.200	1.219	1.215	2.82
88)		Benzo(k)fluora...	1.136	1.240	1.202	1.260	1.252	1.211	1.172	1.210	3.70
89)	C	Benzo(a)pyrene	0.929	1.083	1.109	1.174	1.157	1.153	1.158	1.109	7.70
90)		Dibenzo(a,h)an...	0.921	0.982	1.130	1.148	1.123	1.174	1.171	1.093	9.15
91)		Benzo(g,h,i)pe...	0.880	0.930	1.097	1.126	1.109	1.158	1.167	1.067	10.70

(#) = Out of Range