Response Factor Report gcms1

Method Path : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\
Method File : 8270-BM111218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Nov 12 18:37:25 2018
Response Via : Initial Calibration

Calibration Files
2.5 =BM017610.D 10 =BM017611.D 25 =BM017612.D 40 =BM017613.D 50 =BM017614.D 60 =BM017615.D 80 =BM017616.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.554	0.493	0.471	0.482	0.486	0.486	0.483	0.494	5.58
3)		Pyridine	1.281	1.394	1.457	1.471	1.499	1.514	1.518	1.448	5.86
4)		n-Nitrosodimet...	0.560	0.614	0.639	0.653	0.669	0.668	0.660	0.638	6.18
5)	S	2-Fluorophenol	1.101	1.135	1.170	1.200	1.220	1.233	1.237	1.185	4.39
6)		Aniline	1.823	1.957	2.065	2.112	2.124	2.139	2.147	2.053	5.88
7)	S	Phenol-d6	1.472	1.552	1.665	1.699	1.722	1.736	1.740	1.655	6.26
8)		2-Chlorophenol	1.300	1.372	1.414	1.435	1.472	1.463	1.473	1.418	4.48
9)		Benzaldehyde	1.133	1.189	1.253	1.232	1.241	1.212	1.181	1.206	3.45
10)	C	Phenol	1.557	1.647	1.735	1.769	1.819	1.805	1.829	1.737	5.83
11)		bis(2-Chloroet...	1.214	1.330	1.374	1.399	1.440	1.427	1.417	1.371	5.72
12)		1,3-Dichlorobe...	1.531	1.565	1.601	1.582	1.615	1.622	1.623	1.591	2.14
13)	C	1,4-Dichlorobe...	1.578	1.587	1.630	1.640	1.668	1.655	1.660	1.631	2.18
14)		1,2-Dichlorobe...	1.531	1.533	1.574	1.593	1.619	1.607	1.613	1.581	2.32
15)		Benzyl Alcohol	1.052	1.216	1.346	1.377	1.417	1.411	1.408	1.318	10.36
16)		2,2'-oxybis(1-...	2.006	2.040	2.122	2.122	2.115	2.117	2.094	2.088	2.22
17)		2-Methylphenol	0.989	1.139	1.183	1.205	1.229	1.227	1.220	1.170	7.34
18)		Hexachloroethane	0.491	0.562	0.573	0.594	0.596	0.603	0.606	0.575	7.02
19)	P	n-Nitroso-di-n...	0.955	1.134	1.211	1.241	1.268	1.260	1.250	1.188	9.48
20)		3+4-Methylphenols	1.359	1.493	1.662	1.696	1.728	1.712	1.733	1.626	8.86
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.442	0.488	0.509	0.513	0.512	0.518	0.512	0.499	5.39
23)	S	Nitrobenzene-d5	0.336	0.378	0.396	0.399	0.398	0.405	0.400	0.387	6.28
24)		Nitrobenzene	0.364	0.395	0.402	0.395	0.394	0.405	0.396	0.393	3.39
25)		Isophorone	0.501	0.572	0.614	0.620	0.623	0.632	0.626	0.598	7.90
26)	C	2-Nitrophenol	0.137	0.165	0.184	0.189	0.195	0.198	0.199	0.181	12.50
27)		2,4-Dimethylph...	0.229	0.253	0.262	0.269	0.267	0.274	0.271	0.261	6.05
28)		bis(2-Chloroet...	0.358	0.396	0.416	0.418	0.415	0.418	0.415	0.405	5.45
29)	C	2,4-Dichloroph...	0.236	0.286	0.310	0.318	0.321	0.325	0.324	0.303	10.69
30)		1,2,4-Trichlor...	0.337	0.345	0.352	0.357	0.355	0.361	0.359	0.352	2.44
31)		Naphthalene	0.949	0.967	0.988	0.997	0.987	0.999	0.996	0.983	1.88
32)		Benzoic acid		0.176	0.227	0.244	0.247	0.258	0.266	0.236	13.73
33)		4-Chloroaniline	0.341	0.413	0.442	0.452	0.451	0.461	0.455	0.431	9.83
34)	C	Hexachlorobuta...	0.209	0.217	0.220	0.220	0.221	0.223	0.221	0.219	2.19
35)		Caprolactam		0.096	0.112	0.113	0.113	0.117	0.118	0.112	7.10
36)	C	4-Chloro-3-met...	0.288	0.339	0.364	0.363	0.361	0.364	0.369	0.350	8.26
37)		2-Methylnaphth...	0.639	0.678	0.698	0.712	0.708	0.722	0.709	0.695	4.06

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38)		1-Methylnaphth...	0.636	0.671	0.692	0.694	0.691	0.700	0.687	0.681	3.22
39)	I	Acenaphthene-d10	----------	ISTD	----------						
40)		1,2,4,5-Tetrac...	0.656	0.681	0.710	0.710	0.724	0.726	0.729	0.705	3.80
41)	P	Hexachlorocycl...		0.281	0.351	0.370	0.391	0.390	0.403	0.364	12.26
42)	S	2,4,6-Tribromo...	0.230	0.271	0.292	0.296	0.302	0.308	0.312	0.287	9.93
43)	C	2,4,6-Trichlor...	0.351	0.410	0.454	0.457	0.466	0.475	0.478	0.442	10.42
44)		2,4,5-Trichlor...	0.398	0.432	0.475	0.479	0.486	0.494	0.502	0.466	8.09
45)	S	2-Fluorobiphenyl	1.466	1.518	1.558	1.548	1.564	1.568	1.570	1.542	2.45
46)		1,1'-Biphenyl	1.731	1.728	1.818	1.792	1.821	1.840	1.836	1.795	2.64
47)		2-Chloronaphth...	1.233	1.295	1.351	1.338	1.356	1.374	1.380	1.332	3.90
48)		2-Nitroaniline	0.300	0.380	0.428	0.434	0.438	0.450	0.454	0.412	13.34
49)		Acenaphthylene	1.798	1.943	2.039	2.020	2.055	2.067	2.093	2.002	5.08
50)		Dimethylphthalate	1.560	1.597	1.642	1.628	1.643	1.653	1.660	1.626	2.19
51)		2,6-Dinitrotol...	0.306	0.346	0.367	0.370	0.377	0.383	0.386	0.362	7.79
52)	C	Acenaphthene	1.170	1.196	1.242	1.229	1.242	1.258	1.265	1.229	2.80
53)		3-Nitroaniline		0.345	0.387	0.395	0.404	0.415	0.420	0.394	6.89
54)	P	2,4-Dinitrophenol		0.115	0.170	0.194	0.198	0.212	0.227	0.186	21.45
55)		Dibenzofuran	1.935	1.957	2.048	1.996	2.023	2.049	2.047	2.008	2.33
56)	P	4-Nitrophenol		0.210	0.282	0.300	0.315	0.324	0.335	0.294	15.36
57)		2,4-Dinitrotol...	0.345	0.457	0.505	0.515	0.521	0.533	0.540	0.488	14.02
58)		Fluorene	1.426	1.513	1.546	1.543	1.557	1.579	1.597	1.537	3.64
59)		2,3,4,6-Tetrac...	0.356	0.407	0.441	0.443	0.447	0.451	0.459	0.429	8.40
60)		Diethylphthalate		1.908	1.778	1.708	1.717	1.722	1.707	1.757	4.47
61)		4-Chlorophenyl...	0.855	0.863	0.875	0.876	0.877	0.883	0.884	0.873	1.22
62)		4-Nitroaniline		0.287	0.362	0.378	0.386	0.402	0.413	0.372	12.18
63)		Azobenzene	1.414	1.586	1.685	1.655	1.662	1.687	1.680	1.624	6.10
64)	I	Phenanthrene-d10	----------	ISTD	----------						
65)		4,6-Dinitro-2-...		0.101	0.134	0.144	0.146	0.151	0.156	0.139	14.25
66)	c	n-Nitrosodiphe...	0.567	0.627	0.653	0.661	0.665	0.670	0.659	0.643	5.66
67)		4-Bromophenyl-...	0.209	0.227	0.238	0.243	0.245	0.248	0.245	0.237	5.86
68)		Hexachlorobenzene	0.249	0.259	0.271	0.268	0.271	0.276	0.272	0.267	3.49
69)		Atrazine	0.193	0.221	0.244	0.248	0.247	0.252	0.251	0.237	9.31
70)	C	Pentachlorophenol		0.148	0.181	0.191	0.195	0.201	0.203	0.187	10.94
71)		Phenanthrene	1.032	1.063	1.095	1.098	1.096	1.113	1.099	1.085	2.57
72)		Anthracene	0.912	1.021	1.078	1.089	1.088	1.107	1.097	1.056	6.55
73)		Carbazole	0.881	1.025	1.098	1.109	1.105	1.131	1.121	1.067	8.36
74)		Di-n-butylphth...	0.938	1.093	1.220	1.254	1.261	1.280	1.269	1.188	10.72
75)	C	Fluoranthene	1.080	1.190	1.257	1.264	1.247	1.288	1.270	1.228	5.87
76)	I	Chrysene-d12	----------	ISTD	----------						
77)		Benzidine		0.525	0.626	0.690	0.672	0.688	0.706	0.651	10.38
78)		Pyrene	1.180	1.201	1.235	1.243	1.280	1.260	1.240	1.234	2.75
79)	S	Terphenyl-d14	0.866	0.868	0.891	0.888	0.912	0.893	0.859	0.882	2.15
80)		Butylbenzylpht...	0.380	0.440	0.504	0.534	0.554	0.548	0.548	0.501	13.29
81)		Benzo(a)anthra...	1.092	1.131	1.164	1.177	1.163	1.180	1.160	1.152	2.67
82)		3,3'-Dichlorob...	0.342	0.397	0.451	0.475	0.477	0.486	0.485	0.445	12.43

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83)		Chrysene	1.098	1.105	1.120	1.131	1.133	1.127	1.119	1.119	1.17
84)		Bis(2-ethylhex...		0.622	0.725	0.761	0.786	0.779	0.772	0.741	8.37
85)	c	Di-n-octyl pht...		0.987	1.161	1.225	1.249	1.253	1.243	1.186	8.71
86)		Indeno(1,2,3-c...	0.804	0.851	0.900	0.928	0.913	0.931	0.934	0.894	5.49
87)	I	Perylene-d12	----------ISTD----------								
88)		Benzo(b)fluora...	1.021	1.131	1.206	1.185	1.198	1.247	1.211	1.171	6.40
89)		Benzo(k)fluora...	1.087	1.151	1.185	1.228	1.243	1.191	1.202	1.184	4.39
90)	C	Benzo(a)pyrene	0.940	1.016	1.083	1.096	1.116	1.116	1.108	1.068	6.20
91)		Dibenzo(a,h)an...	0.832	0.847	0.894	0.909	0.934	0.937	0.931	0.898	4.78
92)		Benzo(g,h,i)pe...	0.786	0.800	0.837	0.854	0.882	0.875	0.876	0.844	4.55

(#) = Out of Range