Response Factor Report gcms1

Method Path : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\
Method File : 8270-BM070518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 05 17:39:50 2018
Response Via : Initial Calibration

Calibration Files
2.5 =BM015764.D 10 =BM015765.D 25 =BM015766.D 40 =BM015767.D 50 =BM015768.D 60 =BM015769.D 80 =BM015770.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------						
2)		1,4-Dioxane	0.496	0.484	0.494	0.470	0.481	0.482	0.470	0.482	2.13
3)		Pyridine	1.052	1.244	1.312	1.314	1.324	1.362	1.302	1.273	8.14
4)		n-Nitrosodimet...	0.979	0.975	0.975	0.979	1.004	1.021	1.005	0.991	1.88
5)	S	2-Fluorophenol	1.000	1.106	1.182	1.180	1.209	1.244	1.242	1.166	7.45
6)		Aniline	1.672	1.876	1.998	1.964	1.998	2.044	1.998	1.936	6.58
7)	S	Phenol-d6	1.303	1.514	1.622	1.636	1.664	1.733	1.705	1.597	9.22
8)		2-Chlorophenol	1.226	1.350	1.417	1.422	1.450	1.481	1.451	1.400	6.20
9)		Benzaldehyde	1.127	1.145	1.120	1.011	0.906	0.925	0.809	1.006	12.99
10)	C	Phenol	1.365	1.538	1.638	1.634	1.658	1.712	1.685	1.604	7.41
11)		bis(2-Chloroet...	1.235	1.310	1.287	1.311	1.324	1.355	1.313	1.305	2.84
12)		1,3-Dichlorobe...	1.502	1.513	1.569	1.532	1.566	1.607	1.575	1.552	2.41
13)	C	1,4-Dichlorobe...	1.609	1.588	1.608	1.566	1.601	1.647	1.615	1.605	1.55
14)		1,2-Dichlorobe...	1.455	1.529	1.570	1.534	1.570	1.620	1.587	1.552	3.39
15)		Benzyl Alcohol	1.218	1.307	1.397	1.402	1.443	1.480	1.456	1.386	6.69
16)		2,2'-oxybis(1-...	1.358	1.414	1.467	1.444	1.434	1.456	1.403	1.425	2.62
17)		2-Methylphenol	0.928	1.077	1.148	1.119	1.161	1.188	1.158	1.111	7.93
18)		Hexachloroethane	0.579	0.604	0.641	0.643	0.650	0.666	0.659	0.635	4.96
19)	P	n-Nitroso-di-n...	1.072	1.238	1.309	1.317	1.326	1.379	1.340	1.283	7.99
20)		3+4-Methylphenols	1.157	1.504	1.593	1.608	1.634	1.670	1.640	1.544	11.55
21)	I	Naphthalene-d8	----------	ISTD	----------						
22)		Acetophenone	0.464	0.511	0.529	0.516	0.536	0.544	0.548	0.521	5.48
23)	S	Nitrobenzene-d5	0.354	0.394	0.421	0.408	0.428	0.431	0.433	0.410	6.86
24)		Nitrobenzene	0.372	0.394	0.407	0.393	0.408	0.411	0.408	0.399	3.43
25)		Isophorone	0.531	0.599	0.637	0.631	0.658	0.665	0.659	0.626	7.58
26)	C	2-Nitrophenol		0.146	0.166	0.169	0.179	0.185	0.185	0.172	8.63
27)		2,4-Dimethylph...	0.232	0.268	0.260	0.257	0.268	0.271	0.271	0.261	5.39
28)		bis(2-Chloroet...	0.367	0.404	0.419	0.404	0.415	0.422	0.422	0.408	4.76
29)	C	2,4-Dichloroph...	0.221	0.279	0.300	0.292	0.308	0.311	0.312	0.289	11.17
30)		1,2,4-Trichlor...	0.321	0.324	0.336	0.326	0.344	0.349	0.350	0.336	3.61
31)		Naphthalene	1.006	1.032	1.038	1.015	1.052	1.058	1.058	1.037	2.00
32)		Benzoic acid		0.192	0.225	0.231	0.242	0.249	0.248	0.231	9.21
33)		4-Chloroaniline	0.362	0.402	0.435	0.424	0.441	0.449	0.446	0.423	7.41
34)	C	Hexachlorobuta...	0.218	0.218	0.223	0.216	0.228	0.231	0.235	0.224	3.33
35)		Caprolactam		0.083	0.095	0.096	0.101	0.100	0.100	0.096	7.08
36)	C	4-Chloro-3-met...	0.270	0.320	0.341	0.337	0.350	0.354	0.349	0.332	8.88
37)		2-Methylnaphth...	0.678	0.724	0.744	0.722	0.754	0.771	0.770	0.738	4.44

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38)	I	Acenaphthene-d10	----------ISTD----------							
39)		1,2,4,5-Tetrac...	0.571	0.611	0.634	0.632	0.665	0.681	0.698	0.642	6.77
40)	P	Hexachlorocycl...		0.123	0.203	0.236	0.264	0.282	0.312	0.236	28.45
41)	S	2,4,6-Tribromo...	0.188	0.238	0.260	0.267	0.284	0.291	0.301	0.261	14.68
42)	C	2,4,6-Trichlor...	0.297	0.375	0.417	0.415	0.434	0.447	0.455	0.406	13.50
43)		2,4,5-Trichlor...	0.356	0.405	0.441	0.443	0.464	0.476	0.484	0.438	10.22
44)	S	2-Fluorobiphenyl	1.479	1.517	1.582	1.571	1.647	1.706	1.775	1.611	6.50
45)		1,1'-Biphenyl	1.617	1.672	1.727	1.690	1.767	1.795	1.837	1.729	4.40
46)		2-Chloronaphth...	1.209	1.246	1.298	1.270	1.317	1.345	1.364	1.293	4.26
47)		2-Nitroaniline		0.387	0.444	0.452	0.471	0.476	0.475	0.451	7.51
48)		Acenaphthylene	1.793	2.050	2.136	2.090	2.184	2.214	2.254	2.103	7.31
49)		Dimethylphthalate	1.687	1.745	1.770	1.724	1.781	1.816	1.824	1.764	2.80
50)		2,6-Dinitrotol...	0.270	0.332	0.357	0.347	0.363	0.371	0.367	0.344	10.26
51)	C	Acenaphthene	1.218	1.278	1.297	1.281	1.337	1.360	1.389	1.309	4.41
52)		3-Nitroaniline		0.330	0.375	0.374	0.391	0.392	0.397	0.376	6.54
53)	P	2,4-Dinitrophenol		0.095	0.130	0.145	0.160	0.168	0.175	0.145	20.30
54)		Dibenzofuran	1.901	1.983	2.023	1.973	2.039	2.084	2.114	2.017	3.58
55)	P	4-Nitrophenol		0.218	0.273	0.280	0.296	0.300	0.301	0.278	11.36
56)		2,4-Dinitrotol...		0.442	0.484	0.485	0.518	0.520	0.530	0.497	6.64
57)		Fluorene	1.506	1.584	1.667	1.622	1.712	1.752	1.797	1.663	6.04
58)		2,3,4,6-Tetrac...	0.291	0.357	0.374	0.370	0.394	0.400	0.404	0.370	10.45
59)		Diethylphthalate	1.784	1.848	1.903	1.855	1.933	1.947	1.961	1.890	3.38
60)		4-Chlorophenyl...	0.794	0.822	0.847	0.832	0.872	0.904	0.920	0.856	5.30
61)		4-Nitroaniline		0.348	0.392	0.400	0.424	0.390	0.389	0.391	6.28
62)		Azobenzene	1.448	1.749	1.832	1.787	1.857	1.860	1.868	1.772	8.42
63)	I	Phenanthrene-d10	----------ISTD----------							
64)		4,6-Dinitro-2-...		0.095	0.116	0.118	0.128	0.133	0.138	0.122	12.63
65)	c	n-Nitrosodiphe...	0.603	0.665	0.688	0.670	0.711	0.726	0.734	0.685	6.54
66)		4-Bromophenyl-...	0.192	0.211	0.222	0.219	0.232	0.241	0.247	0.223	8.29
67)		Hexachlorobenzene	0.220	0.238	0.250	0.243	0.257	0.266	0.272	0.250	7.10
68)		Atrazine	0.205	0.223	0.236	0.226	0.232	0.234	0.223	0.225	4.58
69)	C	Pentachlorophenol		0.127	0.148	0.152	0.162	0.167	0.171	0.154	10.36
70)		Phenanthrene	1.072	1.114	1.129	1.111	1.176	1.195	1.212	1.144	4.47
71)		Anthracene	0.987	1.058	1.122	1.110	1.176	1.197	1.215	1.124	7.22
72)		Carbazole	0.933	1.009	1.048	1.028	1.091	1.106	1.115	1.047	6.16
73)		Di-n-butylphth...	1.154	1.332	1.408	1.409	1.493	1.530	1.553	1.411	9.73
74)	C	Fluoranthene	1.205	1.260	1.287	1.279	1.383	1.395	1.399	1.315	5.82
75)	I	Chrysene-d12	----------ISTD----------							
76)		Benzidine	0.451	0.557	0.489	0.467	1.201	0.438	0.499	0.586	46.75
77)		Pyrene	1.134	1.229	1.269	1.210	1.244	1.298	1.337	1.246	5.26
78)	S	Terphenyl-d14	1.031	0.994	1.061	1.028	1.080	1.146	1.208	1.078	6.92
79)		Butylbenzylpht...	0.486	0.577	0.613	0.597	0.626	0.650	0.666	0.602	9.90
80)		Benzo(a)anthra...	1.246	1.238	1.253	1.229	1.291	1.311	1.308	1.268	2.72
81)		3,3'-Dichlorob...	0.407	0.440	0.465	0.452	0.491	0.470	0.465	0.456	5.88
82)		Chrysene	1.214	1.167	1.177	1.123	1.183	1.205	1.200	1.181	2.59

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83)		Bis(2-ethylhex...	0.743	0.840	0.910	0.881	0.929	0.952	0.973	0.890	8.80
84)	c	Di-n-octyl pht...	1.214	1.340	1.466	1.458	1.555	1.563	1.559	1.451	9.07
85)		Indeno(1,2,3-c...	1.095	1.064	1.068	1.118	1.224	1.123	0.990	1.097	6.53
86)	I	Perylene-d12	----------ISTD----------								
87)		Benzo(b)fluora...	1.303	1.294	1.337	1.274	1.321	1.393	1.425	1.335	4.11
88)		Benzo(k)fluora...	1.231	1.219	1.274	1.264	1.352	1.327	1.413	1.297	5.39
89)	C	Benzo(a)pyrene	1.118	1.114	1.164	1.147	1.211	1.225	1.249	1.175	4.56
90)		Dibenzo(a,h)an...	0.993	0.978	1.035	1.061	1.142	1.110	1.083	1.058	5.67
91)		Benzo(g,h,i)pe...	0.914	0.888	0.912	0.922	0.992	0.946	0.930	0.929	3.54

(#) = Out of Range