Response Factor Report gcms1

Method Path : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\
Method File : 8270-BM082118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 21 16:31:22 2018
Response Via : Initial Calibration

Calibration Files
2.5 =BM016481.D 10 =BM016482.D 25 =BM016483.D 40 =BM016484.D 50 =BM016485.D 60 =BM016486.D 80 =BM016487.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------						
2)		1,4-Dioxane	0.549	0.648	0.520	0.553	0.568	0.562	0.548	0.564	7.07
3)		Pyridine		1.221	1.038	1.172	1.202	1.197	1.209	1.173	5.82
4)		n-Nitrosodimet...		0.527	0.494	0.517	0.536	0.538	0.524	0.523	3.07
5)	S	2-Fluorophenol	0.767	1.080	1.016	1.054	1.064	1.079	1.084	1.021	11.19
6)		Aniline	1.265	1.706	1.435	1.542	1.523	1.562	1.546	1.511	8.92
7)	S	Phenol-d6	1.060	1.433	1.317	1.372	1.396	1.453	1.424	1.351	10.07
8)		2-Chlorophenol	0.954	1.328	1.176	1.227	1.259	1.279	1.277	1.214	10.22
9)		Benzaldehyde	0.871	1.172	0.996	0.966	0.906	0.883	0.768	0.937	13.51
10)	C	Phenol	1.301	1.397	1.222	1.347	1.345	1.352	1.385	1.336	4.40
11)		bis(2-Chloroet...	0.916	1.035	0.963	1.007	1.017	1.041	1.032	1.002	4.59
12)		1,3-Dichlorobe...	1.471	1.768	1.516	1.602	1.633	1.655	1.627	1.610	6.01
13)	C	1,4-Dichlorobe...	1.560	1.854	1.550	1.616	1.633	1.670	1.684	1.652	6.19
14)		1,2-Dichlorobe...	1.507	1.730	1.494	1.603	1.660	1.681	1.688	1.623	5.67
15)		Benzyl Alcohol	1.051	1.478	1.312	1.206	1.210	1.260	1.263	1.254	10.24
16)		2,2'-oxybis(1-...		0.747	0.664	0.669	0.705	0.689	0.664	0.690	4.73
17)		2-Methylphenol		1.042	0.905	0.958	0.959	0.977	0.962	0.967	4.57
18)		Hexachloroethane	0.636	0.854	0.735	0.769	0.762	0.795	0.777	0.761	8.69
19)	P	n-Nitroso-di-n...		1.059	0.983	1.042	1.077	1.099	1.094	1.059	4.05
20)		3+4-Methylphenols		1.378	1.230	1.320	1.366	1.370	1.360	1.337	4.20
21)	I	Naphthalene-d8	----------	ISTD	----------						
22)		Acetophenone	0.451	0.513	0.461	0.476	0.474	0.497	0.499	0.482	4.65
23)	S	Nitrobenzene-d5	0.361	0.465	0.430	0.449	0.448	0.459	0.454	0.438	8.16
24)		Nitrobenzene	0.374	0.489	0.432	0.448	0.440	0.445	0.434	0.438	7.74
25)		Isophorone	0.462	0.607	0.576	0.613	0.610	0.623	0.607	0.585	9.65
26)	C	2-Nitrophenol		0.171	0.176	0.189	0.191	0.201	0.194	0.187	6.05
27)		2,4-Dimethylph...	0.194	0.282	0.250	0.233	0.254	0.249	0.246	0.244	10.90
28)		bis(2-Chloroet...	0.294	0.368	0.337	0.363	0.357	0.367	0.359	0.349	7.65
29)	C	2,4-Dichloroph...	0.263	0.376	0.351	0.381	0.380	0.401	0.402	0.365	13.16
30)		1,2,4-Trichlor...	0.478	0.547	0.525	0.558	0.566	0.596	0.606	0.554	7.86
31)		Naphthalene	0.919	0.995	0.925	0.962	0.944	0.974	0.951	0.953	2.80
32)		Benzoic acid		0.187	0.193	0.211	0.207	0.212	0.215	0.204	5.53
33)		4-Chloroaniline	0.327	0.424	0.408	0.408	0.405	0.422	0.412	0.401	8.32
34)	C	Hexachlorobuta...		0.535	0.499	0.517	0.526	0.542	0.551	0.529	3.54
35)		Caprolactam		0.083	0.080	0.090	0.090	0.092	0.090	0.088	5.63
36)	C	4-Chloro-3-met...		0.350	0.341	0.354	0.347	0.353	0.359	0.351	1.79
37)		2-Methylnaphth...	0.637	0.787	0.724	0.753	0.758	0.781	0.782	0.746	7.10

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38)	I	Acenaphthene-d10	----------ISTD----------							
39)		1,2,4,5-Tetrac...	1.003	1.201	1.072	1.116	1.165	1.162	1.188	1.130	6.27
40)	P	Hexachlorocycl...		0.210	0.296	0.381	0.442	0.472	0.509	0.385	29.51
41)	S	2,4,6-Tribromo...		0.511	0.493	0.532	0.575	0.604	0.641	0.559	10.22
42)	C	2,4,6-Trichlor...	0.501	0.676	0.658	0.684	0.727	0.737	0.745	0.675	12.43
43)		2,4,5-Trichlor...	0.531	0.619	0.642	0.685	0.695	0.715	0.732	0.660	10.48
44)	S	2-Fluorobiphenyl	1.711	1.956	1.873	2.047	2.201	2.307	2.470	2.081	12.61
45)		1,1'-Biphenyl	1.567	1.795	1.674	1.738	1.820	1.817	1.866	1.754	5.89
46)		2-Chloronaphth...	1.265	1.477	1.335	1.409	1.473	1.489	1.525	1.425	6.59
47)		2-Nitroaniline		0.393	0.357	0.372	0.393	0.378	0.384	0.379	3.63
48)		Acenaphthylene	1.709	2.001	1.903	2.030	2.095	2.137	2.202	2.011	8.19
49)		Dimethylphthalate	1.697	2.015	1.831	1.928	1.989	1.985	2.006	1.921	6.12
50)		2,6-Dinitrotol...	0.282	0.380	0.371	0.384	0.407	0.395	0.404	0.375	11.42
51)	C	Acenaphthene	1.093	1.269	1.176	1.230	1.267	1.297	1.318	1.236	6.31
52)		3-Nitroaniline		0.329	0.337	0.342	0.348	0.345	0.346	0.341	2.15
53)	P	2,4-Dinitrophenol		0.160	0.165	0.188	0.207	0.219		0.188	13.69
54)		Dibenzofuran	1.961	2.318	2.172	2.334	2.492	2.547	2.733	2.365	10.75
55)	P	4-Nitrophenol		0.174	0.206	0.224	0.225	0.239	0.236	0.218	11.15
56)		2,4-Dinitrotol...		0.558	0.551	0.602	0.637	0.677	0.725	0.625	10.92
57)		Fluorene	1.541	1.701	1.625	1.784	1.867	1.932	2.057	1.787	10.07
58)		2,3,4,6-Tetrac...	0.593	0.635	0.625	0.622	0.654	0.651	0.659	0.634	3.64
59)		Diethylphthalate	1.826	2.089	1.922	1.987	2.058	2.061	2.081	2.003	4.91
60)		4-Chlorophenyl...	1.293	1.478	1.409	1.485	1.554	1.599	1.672	1.498	8.36
61)		4-Nitroaniline		0.337	0.308	0.332	0.343	0.341	0.338	0.333	3.85
62)		Azobenzene	1.796	2.324	2.156	2.150	2.196	2.167	2.148	2.134	7.57
63)	I	Phenanthrene-d10	----------ISTD----------							
64)		4,6-Dinitro-2-...		0.136	0.139	0.151	0.157	0.161	0.168	0.152	8.21
65)	c	n-Nitrosodiphe...	0.473	0.540	0.531	0.564	0.588	0.608	0.634	0.563	9.60
66)		4-Bromophenyl-...	0.255	0.313	0.288	0.315	0.316	0.329	0.336	0.307	8.96
67)		Hexachlorobenzene	0.298	0.346	0.341	0.363	0.373	0.387	0.400	0.358	9.49
68)		Atrazine	0.246	0.289	0.267	0.268	0.260	0.250	0.219	0.257	8.44
69)	C	Pentachlorophenol		0.173	0.175	0.187	0.200	0.201	0.202	0.190	7.03
70)		Phenanthrene	0.878	0.993	0.979	1.036	1.082	1.110	1.158	1.034	9.05
71)		Anthracene	0.843	0.983	0.940	1.049	1.081	1.118	1.171	1.026	10.94
72)		Carbazole	0.771	0.879	0.865	0.948	0.964	1.005	1.025	0.922	9.66
73)		Di-n-butylphth...	0.812	1.098	1.099	1.170	1.205	1.234	1.255	1.125	13.42
74)	C	Fluoranthene	1.237	1.454	1.430	1.534	1.593	1.647	1.714	1.516	10.48
75)	I	Chrysene-d12	----------ISTD----------							
76)		Benzidine	0.404	0.462	0.359	0.374	0.386	0.365	0.342	0.385	10.29
77)		Pyrene	0.914	1.085	1.040	1.111	1.129	1.154	1.176	1.087	8.13
78)	S	Terphenyl-d14	0.813	0.965	0.933	1.042	1.085	0.974	0.803	0.945	11.24
79)		Butylbenzylpht...	0.283	0.366	0.369	0.400	0.398	0.400	0.409	0.375	11.67
80)		Benzo(a)anthra...	1.034	1.220	1.128	1.185	1.206	1.221	1.238	1.176	6.14
81)		3,3'-Dichlorob...	0.486	0.534	0.502	0.534	0.541	0.535	0.533	0.523	3.99
82)		Chrysene	1.044	1.152	1.062	1.133	1.144	1.154	1.163	1.122	4.28

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83)		Bis(2-ethylhex...	0.414	0.552	0.544	0.582	0.594	0.595	0.623	0.558	12.37
84)	c	Di-n-octyl pht...	0.706	0.940	0.903	0.961	0.980	0.981	1.017	0.927	11.17
85)		Indeno(1,2,3-c...	1.527	1.697	1.547	1.628	1.635	1.636	1.623	1.613	3.60
86)	I	Perylene-d12	----------ISTD----------								
87)		Benzo(b)fluora...	0.965	1.128	1.076	1.161	1.195	1.234	1.311	1.153	9.71
88)		Benzo(k)fluora...	1.002	1.162	1.093	1.189	1.220	1.274	1.272	1.173	8.40
89)	C	Benzo(a)pyrene	0.985	1.108	1.044	1.135	1.160	1.193	1.228	1.122	7.54
90)		Dibenzo(a,h)an...	1.076	1.205	1.161	1.272	1.311	1.364	1.412	1.257	9.37
91)		Benzo(g,h,i)pe...	1.071	1.130	1.066	1.136	1.149	1.175	1.173	1.129	3.93

(#) = Out of Range