Response Factor Report gcms1

Method Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM020718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Feb 07 17:16:49 2018
Response Via : Initial Calibration

Calibration Files
2.5 =BM014154.D 10 =BM014155.D 25 =BM014156.D 40 =BM014157.D 50 =BM014158.D 60 =BM014159.D 80 =BM014160.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane		0.526	0.495	0.462	0.462	0.442	0.442	0.472	7.00
3)		Pyridine	1.169	1.238	1.334	1.352	1.318	1.377	1.353	1.306	5.75
4)		n-Nitrosodimet...	0.887	0.781	0.846	0.836	0.826	0.828	0.818	0.832	3.84
5)	S	2-Fluorophenol	1.069	1.032	1.135	1.157	1.188	1.205	1.246	1.147	6.61
6)		Aniline	1.758	1.781	2.089	2.152	2.197	2.267	2.258	2.072	10.39
7)	S	Phenol-d6	1.248	1.417	1.630	1.705	1.755	1.821	1.799	1.625	13.24
8)		2-Chlorophenol	1.066	1.187	1.327	1.343	1.361	1.414	1.432	1.304	10.10
9)		Benzaldehyde	1.163	1.108	1.274	1.240	1.195	1.167	1.039	1.170	6.74
10)	C	Phenol	1.246	1.436	1.599	1.623	1.715	1.815	1.797	1.604	12.74
11)		bis(2-Chloroet...	1.182	1.191	1.267	1.273	1.311	1.333	1.320	1.268	4.80
12)		1,3-Dichlorobe...	1.443	1.589	1.655	1.653	1.674	1.678	1.717	1.630	5.57
13)	C	1,4-Dichlorobe...	1.425	1.538	1.663	1.670	1.698	1.728	1.742	1.638	7.03
14)		1,2-Dichlorobe...	1.551	1.509	1.627	1.663	1.664	1.787	1.735	1.648	5.88
15)		Benzyl Alcohol	1.109	1.443	1.469	1.568	1.603	1.693	1.656	1.506	13.12
16)		2,2'-oxybis(1-...	1.222	1.186	1.342	1.279	1.305	1.357	1.338	1.290	5.03
17)		2-Methylphenol	0.968	1.120	1.233	1.276	1.295	1.354	1.349	1.228	11.35
18)		Hexachloroethane	0.691	0.682	0.715	0.719	0.723	0.722	0.703	0.708	2.29
19)	P	n-Nitroso-di-n...	1.089	1.252	1.422	1.478	1.507	1.561	1.490	1.400	12.05
20)		3+4-Methylphenols		1.435	1.723	1.837	1.839	1.937	1.898	1.778	10.28
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.535	0.537	0.557	0.575	0.605	0.615	0.602	0.575	5.78
23)	S	Nitrobenzene-d5	0.374	0.431	0.440	0.452	0.472	0.489	0.477	0.448	8.65
24)		Nitrobenzene	0.458	0.453	0.438	0.452	0.468	0.488	0.471	0.461	3.51
25)		Isophorone	0.707	0.701	0.713	0.733	0.762	0.798	0.778	0.742	5.11
26)	C	2-Nitrophenol		0.142	0.166	0.171	0.181	0.196	0.188	0.174	11.05
27)		2,4-Dimethylph...	0.236	0.250	0.252	0.263	0.277	0.289	0.289	0.265	7.71
28)		bis(2-Chloroet...	0.304	0.361	0.379	0.380	0.407	0.418	0.414	0.380	10.44
29)	C	2,4-Dichloroph...	0.221	0.264	0.291	0.300	0.330	0.336	0.331	0.296	14.27
30)		1,2,4-Trichlor...	0.388	0.371	0.375	0.372	0.406	0.413	0.407	0.390	4.66
31)		Naphthalene	1.018	1.014	1.064	1.089	1.147	1.177	1.156	1.095	6.09
32)		Benzoic acid		0.151	0.187	0.205	0.227	0.242	0.243	0.209	17.11
33)		4-Chloroaniline		0.387	0.428	0.446	0.478	0.500	0.492	0.455	9.46
34)	C	Hexachlorobuta...	0.299	0.254	0.262	0.255	0.266	0.271	0.268	0.268	5.59
35)		Caprolactam		0.095	0.099	0.104	0.107	0.119	0.112	0.106	8.41
36)	C	4-Chloro-3-met...	0.270	0.328	0.370	0.380	0.398	0.414	0.408	0.367	14.04
37)		2-Methylnaphth...	0.686	0.771	0.810	0.839	0.877	0.902	0.887	0.825	9.30

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38)	I	Acenaphthene-d10	----------ISTD----------							
39)		1,2,4,5-Tetrac...	0.651	0.657	0.680	0.692	0.746	0.748	0.733	0.701	5.89
40)	P	Hexachlorocycl...		0.230	0.322	0.355	0.397	0.398	0.414	0.353	19.49
41)	S	2,4,6-Tribromo...	0.213	0.261	0.284	0.294	0.304	0.315	0.315	0.284	12.82
42)	C	2,4,6-Trichlor...	0.351	0.359	0.401	0.421	0.447	0.452	0.451	0.412	10.42
43)		2,4,5-Trichlor...	0.362	0.399	0.444	0.466	0.492	0.507	0.511	0.455	12.50
44)	S	2-Fluorobiphenyl	1.438	1.453	1.566	1.620	1.697	1.709	1.733	1.602	7.57
45)		1,1'-Biphenyl	1.442	1.616	1.704	1.781	1.850	1.860	1.873	1.732	9.16
46)		2-Chloronaphth...	1.099	1.225	1.315	1.348	1.398	1.417	1.405	1.315	8.85
47)		2-Nitroaniline		0.419	0.457	0.493	0.506	0.517	0.512	0.484	7.96
48)		Acenaphthylene	1.873	1.953	2.113	2.177	2.291	2.352	2.335	2.156	8.72
49)		Dimethylphthalate	1.579	1.685	1.768	1.811	1.894	1.909	1.887	1.790	6.87
50)		2,6-Dinitrotol...	0.301	0.330	0.362	0.381	0.390	0.408	0.399	0.367	10.61
51)	C	Acenaphthene	1.216	1.229	1.291	1.326	1.393	1.430	1.419	1.329	6.64
52)		3-Nitroaniline		0.300	0.358	0.382	0.398	0.423	0.420	0.380	12.17
53)	P	2,4-Dinitrophenol		0.106	0.154	0.175	0.185	0.208	0.213	0.173	22.83
54)		Dibenzofuran	1.746	1.967	2.012	2.119	2.201	2.252	2.243	2.077	8.82
55)	P	4-Nitrophenol		0.177	0.238	0.264	0.279	0.311	0.298	0.261	18.65
56)		2,4-Dinitrotol...		0.481	0.539	0.562	0.581	0.622	0.617	0.567	9.33
57)		Fluorene	1.553	1.681	1.780	1.866	1.913	1.992	2.006	1.827	9.13
58)		2,3,4,6-Tetrac...		0.399	0.437	0.443	0.460	0.476	0.472	0.448	6.38
59)		Diethylphthalate	1.708	1.898	1.953	2.011	2.070	2.158	2.113	1.987	7.67
60)		4-Chlorophenyl...	0.839	0.899	0.927	0.961	0.986	1.014	1.023	0.950	6.97
61)		4-Nitroaniline		0.311	0.359	0.383	0.388	0.424	0.417	0.380	10.90
62)		Azobenzene	1.953	2.053	2.036	2.061	2.097	2.162	2.087	2.064	3.09
63)	I	Phenanthrene-d10	----------ISTD----------							
64)		4,6-Dinitro-2-...		0.087	0.120	0.127	0.134	0.144	0.145	0.126	17.12
65)	c	n-Nitrosodiphe...	0.526	0.584	0.632	0.648	0.655	0.680	0.694	0.631	9.23
66)		4-Bromophenyl-...	0.209	0.215	0.234	0.240	0.243	0.249	0.251	0.234	7.01
67)		Hexachlorobenzene	0.246	0.240	0.249	0.259	0.265	0.271	0.273	0.257	5.05
68)		Atrazine	0.193	0.215	0.243	0.239	0.251	0.262	0.254	0.237	10.32
69)	C	Pentachlorophenol		0.115	0.142	0.153	0.160	0.175	0.179	0.154	15.32
70)		Phenanthrene	1.111	1.135	1.187	1.198	1.236	1.288	1.290	1.206	5.77
71)		Anthracene	0.956	1.103	1.191	1.195	1.233	1.277	1.273	1.176	9.66
72)		Carbazole		0.968	1.078	1.107	1.105	1.193	1.180	1.105	7.36
73)		Di-n-butylphth...	1.086	1.289	1.430	1.447	1.474	1.589	1.585	1.414	12.51
74)	C	Fluoranthene	1.264	1.352	1.418	1.421	1.412	1.560	1.515	1.420	6.92
75)	I	Chrysene-d12	----------ISTD----------							
76)		Benzidine		0.434	0.557	0.630	0.653	0.643	0.657	0.596	14.67
77)		Pyrene	1.070	1.189	1.365	1.472	1.603	1.477	1.550	1.389	14.06
78)	S	Terphenyl-d14	0.809	0.873	0.991	1.076	1.163	1.091	1.162	1.024	13.58
79)		Butylbenzylpht...		0.491	0.579	0.642	0.674	0.675	0.694	0.626	12.39
80)		Benzo(a)anthra...	1.126	1.235	1.273	1.329	1.367	1.399	1.368	1.300	7.37
81)		3,3'-Dichlorob...		0.403	0.464	0.488	0.501	0.539	0.520	0.486	9.90
82)		Chrysene	1.225	1.180	1.233	1.258	1.297	1.327	1.305	1.261	4.12

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83)		Bis(2-ethylhex...		0.691	0.838	0.899	0.958	1.037	1.054	0.913	14.86
84)	c	Di-n-octyl pht...		1.085	1.172	1.231	1.270	1.444	1.380	1.264	10.48
85)		Indeno(1,2,3-c...	1.128	1.049	0.924	0.903	0.967	1.067	0.900	0.991	9.11
86)	I	Perylene-d12	----------ISTD----------								
87)		Benzo(b)fluora...	1.135	1.202	1.371	1.465	1.508	1.526	1.507	1.388	11.49
88)		Benzo(k)fluora...	1.005	1.238	1.305	1.346	1.383	1.492	1.466	1.319	12.44
89)	C	Benzo(a)pyrene	1.009	1.127	1.188	1.259	1.293	1.382	1.303	1.223	10.24
90)		Dibenzo(a,h)an...	0.884	0.934	0.953	1.001	1.061	1.110	1.052	0.999	8.01
91)		Benzo(g,h,i)pe...	0.865	0.880	0.886	0.940	0.993	1.015	0.963	0.934	6.32

(#) = Out of Range