Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
Method File : 8270-BM050517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri May 05 14:52:12 2017
Response Via : Initial Calibration

Calibration Files
2.5 =BM009895.D 10 =BM009896.D 25 =BM009897.D 40 =BM009898.D 50 =BM009899.D 60 =BM009900.D 80 =BM009901.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.609	0.505	0.468	0.440	0.472	0.442	0.440	0.482	12.59
3)		Pyridine	1.840	1.712	1.662	1.641	1.604	1.547	1.608	1.659	5.71
4)		n-Nitrosodimet...	1.156	1.088	1.065	1.050	1.087	1.069	1.061	1.082	3.27
5)	S	2-Fluorophenol	1.192	1.174	1.245	1.247	1.319	1.295	1.322	1.256	4.69
6)		Aniline	2.450	2.402	2.469	2.541	2.656	2.635	2.669	2.546	4.28
7)	S	Phenol-d6	1.683	1.814	1.868	1.966	2.046	2.023	2.079	1.926	7.46
8)		2-Chlorophenol	1.335	1.279	1.376	1.402	1.470	1.453	1.476	1.399	5.30
9)		Benzaldehyde	1.722	1.616	1.482	1.523	1.533	1.471	1.362	1.530	7.46
10)	C	Phenol	2.085	1.900	2.030	2.146	2.203	2.165	2.227	2.108	5.40
11)		bis(2-Chloroet...	1.662	1.603	1.637	1.659	1.725	1.711	1.748	1.678	3.09
12)		1,3-Dichlorobe...	1.577	1.449	1.505	1.539	1.621	1.566	1.593	1.550	3.75
13)	C	1,4-Dichlorobe...	1.613	1.534	1.558	1.573	1.649	1.611	1.646	1.598	2.76
14)		1,2-Dichlorobe...	1.432	1.492	1.532	1.512	1.614	1.562	1.602	1.535	4.16
15)		Benzyl Alcohol	1.706	1.629	1.735	1.797	1.868	1.856	1.893	1.783	5.46
16)		2,2'-oxybis(1-...	3.046	2.973	3.044	3.126	3.238	3.108	3.175	3.101	2.86
17)		2-Methylphenol	1.265	1.366	1.370	1.433	1.501	1.493	1.510	1.420	6.42
18)		Hexachloroethane	0.712	0.650	0.688	0.710	0.745	0.716	0.735	0.708	4.44
19)	P	n-Nitroso-di-n...	1.674	1.715	1.810	1.867	1.916	1.874	1.925	1.826	5.37
20)		3+4-Methylphenols	1.655	1.820	1.908	2.016	2.073	2.053	2.130	1.951	8.58
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.586	0.593	0.620	0.619	0.638	0.654	0.668	0.626	4.82
23)	S	Nitrobenzene-d5	0.535	0.522	0.544	0.542	0.567	0.574	0.585	0.553	4.15
24)		Nitrobenzene	0.576	0.554	0.563	0.563	0.576	0.589	0.595	0.574	2.59
25)		Isophorone	0.929	0.915	0.968	0.972	0.992	1.022	1.028	0.975	4.40
26)	C	2-Nitrophenol	0.158	0.169	0.181	0.185	0.196	0.203	0.207	0.186	9.58
27)		2,4-Dimethylph...	0.341	0.305	0.332	0.327	0.341	0.344	0.348	0.334	4.43
28)		bis(2-Chloroet...	0.536	0.543	0.566	0.552	0.579	0.591	0.605	0.567	4.50
29)	C	2,4-Dichloroph...	0.287	0.298	0.321	0.318	0.330	0.342	0.345	0.320	6.75
30)		1,2,4-Trichlor...	0.367	0.356	0.374	0.363	0.379	0.384	0.395	0.374	3.53
31)		Naphthalene	1.095	1.066	1.064	1.072	1.112	1.140	1.149	1.100	3.20
32)		Benzoic acid		0.167	0.200	0.219	0.235	0.244	0.250	0.219	14.34
33)		4-Chloroaniline	0.414	0.427	0.469	0.468	0.469	0.499	0.501	0.464	7.10
34)	C	Hexachlorobuta...	0.257	0.254	0.257	0.254	0.267	0.262	0.273	0.260	2.76
35)		Caprolactam	0.087	0.115	0.127	0.125	0.129	0.139	0.132	0.122	13.87
36)	C	4-Chloro-3-met...	0.402	0.406	0.428	0.436	0.447	0.465	0.459	0.435	5.62
37)		2-Methylnaphth...	0.733	0.757	0.763	0.756	0.793	0.811	0.824	0.777	4.28

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38)	I	Acenaphthene-d10	----------ISTD----------								
39)		1,2,4,5-Tetrac...	0.669	0.663	0.720	0.730	0.744	0.736	0.774	0.719	5.61
40)	P	Hexachlorocycl...		0.027	0.105	0.142	0.187	0.186	0.235	0.147	50.10
41)	S	2,4,6-Tribromo...	0.220	0.248	0.274	0.281	0.284	0.297	0.309	0.273	11.12
42)	C	2,4,6-Trichlor...	0.412	0.429	0.462	0.476	0.485	0.480	0.511	0.465	7.31
43)		2,4,5-Trichlor...	0.457	0.449	0.504	0.510	0.514	0.525	0.543	0.500	6.97
44)	S	2-Fluorobiphenyl	1.414	1.435	1.514	1.526	1.602	1.579	1.675	1.535	6.03
45)		1,1'-Biphenyl	1.622	1.628	1.671	1.684	1.739	1.748	1.828	1.703	4.33
46)		2-Chloronaphth...	1.221	1.259	1.347	1.368	1.387	1.383	1.455	1.346	5.97
47)		2-Nitroaniline	0.540	0.602	0.655	0.677	0.683	0.697	0.696	0.650	9.01
48)		Acenaphthylene	1.972	1.991	2.092	2.118	2.164	2.178	2.273	2.113	5.02
49)		Dimethylphthalate	1.904	1.814	1.876	1.897	1.912	1.970	1.965	1.905	2.80
50)		2,6-Dinitrotol...	0.312	0.352	0.389	0.379	0.381	0.392	0.397	0.372	8.14
51)	C	Acenaphthene	1.268	1.235	1.279	1.311	1.313	1.340	1.380	1.303	3.68
52)		3-Nitroaniline	0.334	0.392	0.405	0.417	0.416	0.424	0.427	0.402	8.06
53)	P	2,4-Dinitrophenol		0.072	0.153	0.181	0.197	0.204	0.220	0.171	31.29
54)		Dibenzofuran	1.979	1.842	1.926	2.003	2.021	2.050	2.135	1.994	4.65
55)	P	4-Nitrophenol		0.222	0.253	0.273	0.278	0.297	0.297	0.270	10.64
56)		2,4-Dinitrotol...	0.476	0.489	0.545	0.548	0.550	0.577	0.596	0.540	8.06
57)		Fluorene	1.629	1.628	1.728	1.758	1.817	1.841	1.913	1.759	6.09
58)		2,3,4,6-Tetrac...	0.340	0.361	0.371	0.386	0.396	0.411	0.418	0.383	7.27
59)		Diethylphthalate	1.991	1.935	2.007	2.038	2.048	2.101	2.127	2.035	3.22
60)		4-Chlorophenyl...	0.838	0.890	0.919	0.941	0.961	0.965	1.022	0.934	6.31
61)		4-Nitroaniline	0.335	0.370	0.413	0.415	0.420	0.436	0.431	0.403	9.11
62)		Azobenzene	2.019	2.207	2.289	2.280	2.320	2.357	2.398	2.267	5.52
63)	I	Phenanthrene-d10	----------ISTD----------								
64)		4,6-Dinitro-2-...		0.090	0.115	0.124	0.134	0.137	0.145	0.124	16.03
65)	c	n-Nitrosodiphe...	0.573	0.604	0.629	0.636	0.657	0.646	0.693	0.634	6.04
66)		4-Bromophenyl-...	0.201	0.221	0.231	0.239	0.246	0.240	0.260	0.234	8.05
67)		Hexachlorobenzene	0.256	0.250	0.266	0.264	0.275	0.269	0.286	0.266	4.51
68)		Atrazine	0.217	0.242	0.237	0.243	0.248	0.251	0.260	0.243	5.53
69)	C	Pentachlorophenol		0.071	0.089	0.099	0.108	0.112	0.126	0.101	18.82
70)		Phenanthrene	1.146	1.079	1.114	1.153	1.181	1.174	1.258	1.158	4.88
71)		Anthracene	1.063	1.102	1.144	1.171	1.208	1.204	1.282	1.168	6.24
72)		Carbazole	0.994	1.022	1.027	1.053	1.082	1.098	1.133	1.058	4.59
73)		Di-n-butylphth...	1.413	1.419	1.475	1.513	1.585	1.573	1.665	1.520	6.12
74)	C	Fluoranthene	1.408	1.374	1.403	1.446	1.486	1.535	1.576	1.461	5.11
75)	I	Chrysene-d12	----------ISTD----------								
76)		Benzidine	0.519	0.605	0.628	0.629	0.607	0.626	0.610	0.603	6.37
77)		Pyrene	1.101	1.121	1.158	1.200	1.236	1.247	1.300	1.195	6.05
78)	S	Terphenyl-d14	0.832	0.869	0.944	0.980	1.042	1.042	1.116	0.975	10.36
79)		Butylbenzylpht...	0.542	0.536	0.567	0.568	0.598	0.595	0.627	0.576	5.64
80)		Benzo(a)anthra...	1.156	1.130	1.177	1.202	1.223	1.263	1.282	1.205	4.61
81)		3,3'-Dichlorob...	0.467	0.468	0.485	0.474	0.477	0.490	0.491	0.479	2.07
82)		Chrysene	1.112	1.071	1.093	1.118	1.143	1.171	1.220	1.133	4.46

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83)		Bis(2-ethylhex...	0.843	0.834	0.866	0.870	0.916	0.915	0.959	0.886	5.08
84)	c	Di-n-octyl pht...	1.507	1.434	1.493	1.526	1.571	1.597	1.643	1.539	4.55
85)		Indeno(1,2,3-c...	1.325	1.298	1.284	1.346	1.124	1.408	1.153	1.277	8.06
86)	I	Perylene-d12	----------ISTD----------								
87)		Benzo(b)fluora...	1.247	1.200	1.232	1.242	1.320	1.294	1.387	1.275	4.98
88)		Benzo(k)fluora...	1.178	1.116	1.179	1.227	1.324	1.253	1.396	1.239	7.72
89)	C	Benzo(a)pyrene	1.153	1.113	1.157	1.195	1.256	1.207	1.289	1.196	5.14
90)		Dibenzo(a,h)an...	1.129	1.162	1.185	1.255	1.170	1.284	1.212	1.200	4.54
91)		Benzo(g,h,i)pe...	1.144	1.162	1.118	1.162	1.048	1.183	1.059	1.125	4.69

(#) = Out of Range