Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
Method File : 8270-BM071217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jul 12 14:21:16 2017
Response Via : Initial Calibration

Calibration Files
2.5 =BM010793.D 10 =BM010794.D 25 =BM010795.D 40 =BM010796.D 50 =BM010797.D 60 =BM010798.D 80 =BM010799.D

		Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.564	0.513	0.546	0.535	0.525	0.503	0.543	0.533	3.89
3)		Pyridine	1.357	1.452	1.461	1.505	1.457	1.456	1.505	1.456	3.38
4)		n-Nitrosodimet...	0.730	0.769	0.743	0.743	0.718	0.736	0.772	0.744	2.68
5)	S	2-Fluorophenol	1.159	1.166	1.197	1.210	1.216	1.221	1.283	1.207	3.41
6)		Aniline	1.986	2.156	2.022	2.085	2.065	2.151	2.131	2.085	3.14
7)	S	Phenol-d6	1.673	1.628	1.617	1.655	1.647	1.711	1.721	1.664	2.38
8)		2-Chlorophenol	1.059	1.203	1.175	1.211	1.197	1.260	1.262	1.195	5.72
9)		Benzaldehyde	1.316	1.285	1.150	1.161	1.095	1.089	0.994	1.156	9.77
10)	C	Phenol	1.582	1.774	1.724	1.766	1.812	1.814	1.845	1.760	4.99
11)		bis(2-Chloroet...	1.342	1.385	1.324	1.342	1.326	1.374	1.395	1.355	2.13
12)		1,3-Dichlorobe...	1.533	1.506	1.468	1.448	1.444	1.442	1.501	1.477	2.43
13)	C	1,4-Dichlorobe...	1.728	1.462	1.471	1.496	1.471	1.503	1.541	1.525	6.13
14)		1,2-Dichlorobe...	1.604	1.463	1.421	1.423	1.388	1.421	1.449	1.453	4.88
15)		Benzyl Alcohol	1.621	1.619	1.465	1.565	1.547	1.631	1.585	1.576	3.68
16)		2,2'-oxybis(1-...	1.181	1.226	1.138	1.178	1.132	1.202	1.169	1.175	2.83
17)		2-Methylphenol	1.086	1.114	1.087	1.157	1.137	1.204	1.182	1.138	4.02
18)		Hexachloroethane	0.664	0.615	0.623	0.627	0.636	0.646	0.666	0.639	3.14
19)	P	n-Nitroso-di-n...	1.384	1.394	1.222	1.292	1.258	1.370	1.309	1.318	5.04
20)		3+4-Methylphenols	1.517	1.592	1.490	1.591	1.568	1.704	1.608	1.581	4.36
21)	I	Naphthalene-d8	----------ISTD----------								
22)		Acetophenone	0.631	0.575	0.582	0.588	0.617	0.600	0.623	0.602	3.63
23)	S	Nitrobenzene-d5	0.507	0.487	0.516	0.514	0.545	0.524	0.549	0.520	4.11
24)		Nitrobenzene	0.536	0.500	0.542	0.523	0.550	0.532	0.550	0.533	3.29
25)		Isophorone	0.799	0.864	0.835	0.848	0.871	0.873	0.878	0.852	3.31
26)	C	2-Nitrophenol	0.151	0.165	0.176	0.174	0.194	0.186	0.198	0.177	9.32
27)		2,4-Dimethylph...	0.293	0.311	0.317	0.316	0.327	0.322	0.331	0.317	3.92
28)		bis(2-Chloroet...	0.473	0.483	0.465	0.478	0.494	0.474	0.478	0.478	1.92
29)	C	2,4-Dichloroph...	0.376	0.333	0.356	0.353	0.363	0.352	0.371	0.358	3.99
30)		1,2,4-Trichlor...	0.453	0.430	0.425	0.429	0.446	0.432	0.447	0.437	2.49
31)		Naphthalene	1.018	0.950	1.004	1.008	1.056	1.024	1.059	1.017	3.62
32)		Benzoic acid	0.183	0.240	0.246	0.257	0.274	0.263	0.276	0.248	12.77
33)		4-Chloroaniline	0.363	0.400	0.410	0.415	0.423	0.421	0.437	0.410	5.73
34)	C	Hexachlorobuta...	0.349	0.332	0.334	0.337	0.347	0.331	0.346	0.339	2.27
35)		Caprolactam	0.077	0.099	0.096	0.098	0.099	0.097	0.100	0.095	8.76
36)	C	4-Chloro-3-met...	0.377	0.444	0.414	0.435	0.449	0.450	0.461	0.433	6.65
37)		2-Methylnaphth...	0.741	0.723	0.708	0.715	0.740	0.731	0.754	0.730	2.18

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38)	I	Acenaphthene-d10	----------ISTD----------								
39)		1,2,4,5-Tetrac...	0.841	0.791	0.891	0.867	0.933	0.894	0.886	0.872	5.19
40)	P	Hexachlorocycl...	0.421	0.414	0.481	0.520	0.562	0.547	0.553	0.500	12.47
41)	S	2,4,6-Tribromo...	0.251	0.314	0.306	0.307	0.327	0.309	0.326	0.306	8.41
42)	C	2,4,6-Trichlor...	0.518	0.499	0.530	0.530	0.575	0.559	0.546	0.537	4.78
43)		2,4,5-Trichlor...	0.440	0.496	0.536	0.547	0.573	0.571	0.547	0.530	8.94
44)	S	2-Fluorobiphenyl	1.607	1.473	1.566	1.581	1.691	1.683	1.654	1.608	4.78
45)		1,1'-Biphenyl	1.709	1.640	1.705	1.729	1.834	1.781	1.798	1.742	3.78
46)		2-Chloronaphth...	1.236	1.186	1.248	1.260	1.357	1.334	1.323	1.278	4.83
47)		2-Nitroaniline	0.329	0.387	0.420	0.434	0.462	0.451	0.458	0.420	11.38
48)		Acenaphthylene	1.731	1.811	1.894	1.916	2.013	1.956	1.981	1.900	5.21
49)		Dimethylphthalate	1.687	1.690	1.670	1.670	1.766	1.693	1.734	1.701	2.09
50)		2,6-Dinitrotol...	0.260	0.310	0.346	0.337	0.372	0.355	0.356	0.334	11.33
51)	C	Acenaphthene	1.096	1.113	1.142	1.144	1.227	1.206	1.200	1.161	4.31
52)		3-Nitroaniline	0.240	0.285	0.312	0.307	0.332	0.314	0.334	0.303	10.64
53)	P	2,4-Dinitrophenol	0.185	0.225	0.223	0.235	0.251	0.242	0.254	0.231	10.06
54)		Dibenzofuran	1.794	1.846	1.854	1.865	1.968	1.905	1.915	1.878	3.00
55)	P	4-Nitrophenol	0.195	0.258	0.276	0.269	0.294	0.269	0.284	0.263	12.31
56)		2,4-Dinitrotol...	0.354	0.449	0.469	0.479	0.506	0.477	0.508	0.463	11.26
57)		Fluorene	1.540	1.608	1.559	1.597	1.688	1.628	1.682	1.615	3.48
58)		2,3,4,6-Tetrac...	0.449	0.492	0.495	0.500	0.511	0.492	0.507	0.492	4.15
59)		Diethylphthalate	1.455	1.697	1.731	1.679	1.777	1.686	1.738	1.680	6.25
60)		4-Chlorophenyl...	1.018	0.994	0.985	0.960	1.014	0.976	0.995	0.992	2.05
61)		4-Nitroaniline	0.248	0.309	0.318	0.330	0.343	0.324	0.347	0.317	10.42
62)		Azobenzene	1.472	1.737	1.726	1.716	1.819	1.718	1.756	1.706	6.40
63)	I	Phenanthrene-d10	----------ISTD----------								
64)		4,6-Dinitro-2-...	0.111	0.117	0.128	0.133	0.147	0.141	0.146	0.132	10.77
65)	c	n-Nitrosodiphe...	0.540	0.544	0.553	0.571	0.594	0.602	0.601	0.572	4.71
66)		4-Bromophenyl-...	0.238	0.232	0.254	0.257	0.262	0.267	0.264	0.253	5.29
67)		Hexachlorobenzene	0.276	0.279	0.290	0.286	0.298	0.300	0.299	0.290	3.39
68)		Atrazine	0.226	0.231	0.233	0.242	0.243	0.237	0.248	0.237	3.30
69)	C	Pentachlorophenol	0.157	0.170	0.187	0.192	0.199	0.196	0.200	0.186	8.71
70)		Phenanthrene	1.014	0.988	1.026	1.035	1.080	1.059	1.082	1.040	3.37
71)		Anthracene	0.953	0.985	1.033	1.038	1.077	1.061	1.082	1.033	4.64
72)		Carbazole	0.834	0.882	0.924	0.913	0.957	0.899	0.959	0.910	4.81
73)		Di-n-butylphth...	0.866	1.039	1.074	1.111	1.158	1.101	1.183	1.076	9.70
74)	C	Fluoranthene	1.233	1.263	1.297	1.296	1.334	1.239	1.359	1.289	3.65
75)	I	Chrysene-d12	----------ISTD----------								
76)		Benzidine	0.449	0.511	0.524	0.579	0.566	0.555	0.562	0.535	8.43
77)		Pyrene	1.099	1.079	1.097	1.163	1.216	1.252	1.210	1.159	5.95
78)	S	Terphenyl-d14	1.096	1.002	0.978	1.019	1.064	1.096	0.984	1.034	4.91
79)		Butylbenzylpht...	0.315	0.358	0.388	0.418	0.447	0.449	0.466	0.406	13.55
80)		Benzo(a)anthra...	1.134	1.098	1.145	1.155	1.210	1.172	1.198	1.159	3.31
81)		3,3'-Dichlorob...	0.398	0.410	0.440	0.469	0.491	0.480	0.501	0.456	8.85
82)		Chrysene	1.058	1.061	1.081	1.104	1.147	1.117	1.157	1.104	3.57

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83)		Bis(2-ethylhex...	0.460	0.523	0.554	0.626	0.648	0.650	0.677	0.591	13.55
84)	c	Di-n-octyl pht...	0.741	0.817	0.963	1.008	1.079	1.049	1.122	0.969	14.50
85)		Indeno(1,2,3-c...	1.312	1.045	1.284	1.258	1.350	1.244	1.365	1.266	8.46
86)	I	Perylene-d12	----------ISTD----------								
87)		Benzo(b)fluora...	1.179	1.152	1.236	1.278	1.345	1.342	1.362	1.270	6.63
88)		Benzo(k)fluora...	1.172	1.171	1.158	1.211	1.291	1.212	1.280	1.213	4.39
89)	C	Benzo(a)pyrene	1.038	1.085	1.130	1.160	1.231	1.207	1.243	1.156	6.66
90)		Dibenzo(a,h)an...	1.139	0.959	1.088	1.130	1.187	1.137	1.216	1.122	7.40
91)		Benzo(g,h,i)pe...	1.168	0.916	1.085	1.109	1.159	1.111	1.176	1.103	8.11

(#) = Out of Range