Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
Method File : 8270-SIM-BM012216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jan 22 14:46:41 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BM004102.D 0.2 =BM004103.D 0.5 =BM004104.D 0.8 =BM004105.D 1 =BM004106.D 2 =BM004107.D 5 =BM004108.D
10 =BM004109.D

		Compound	0.1	0.2	0.5	0.8	1	2	5	10	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane	0.769	0.803	0.526	0.451	0.463	0.461	0.459	0.445	0.547	27.38
3)		n-Nitrosodimet...	0.378	0.487	0.405	0.397	0.409	0.453	0.505	0.532	0.446	12.74
4)	S	2-Fluorophenol	0.997	1.249	0.974	0.913	0.947	1.030	1.098	1.136	1.043	10.71
5)	S	Phenol-d6	1.078	1.444	1.127	1.077	1.130	1.271	1.419	1.526	1.259	14.44
6)		bis(2-Chloroet...	1.072	1.386	1.076	1.019	1.059	1.186	1.254	1.282	1.167	11.23
7)	I	Naphthalene-d8	----------ISTD----------									
8)	S	Nitrobenzene-d5	0.185	0.240	0.194	0.189	0.197	0.225	0.251	0.271	0.219	14.78
9)		Nitrobenzene	0.203	0.267	0.215	0.211	0.222	0.261	0.299	0.324	0.250	17.84
10)		Naphthalene	1.201	1.493	1.115	1.048	1.072	1.132	1.134	1.126	1.165	12.02
11)		Hexachlorobuta...	0.187	0.230	0.171	0.164	0.164	0.174	0.174	0.171	0.180	12.05
12)		2-Methylnaphth...	0.742	0.968	0.719	0.675	0.696	0.752	0.773	0.768	0.762	11.84
13)	I	Acenaphthene-d10	----------ISTD----------									
14)	S	2,4,6-Tribromo...	0.109	0.158	0.120	0.119	0.126	0.150	0.173	0.203	0.145	22.41
15)	S	2-Fluorobiphenyl	1.463	1.930	1.492	1.388	1.411	1.512	1.511	1.550	1.532	11.08
16)		Acenaphthylene	1.878	2.520	1.923	1.851	1.951	2.245	2.454	2.443	2.158	13.31
17)		Acenaphthene	1.769	2.163	1.552	1.437	1.450	1.533	1.533	1.632	1.634	14.59
18)		Fluorene	1.860	2.532	1.910	1.807	1.778	1.948	1.953	2.104	1.987	12.21
19)	I	Phenanthrene-d10	----------ISTD----------									
20)		4-Bromophenyl-...	0.152	0.202	0.140	0.147	0.159	0.169	0.183	0.152	0.163	12.79
21)		Hexachlorobenzene	0.166	0.225	0.149	0.148	0.162	0.177	0.186	0.155	0.171	14.99
22)		Pentachlorophenol	0.032	0.035	0.025	0.028	0.032	0.046	0.065	0.082	0.043	47.24
23)		Phenanthrene	1.141	1.496	0.949	0.949	0.987	1.054	1.090	0.923	1.074	17.41
24)		Anthracene	0.989	1.381	0.939	1.000	1.064	1.207	1.293	1.268	1.142	14.46
25)		Fluoranthene	1.316	1.792	1.187	1.191	1.251	1.354	1.428	1.318	1.355	14.36
26)	I	Chrysene-d12	----------ISTD----------									
27)		Benzidine	0.067	0.147	0.133	0.183	0.212	0.278	0.366	0.544	0.241	63.37
28)		Pyrene	1.374	1.999	1.232	1.232	1.282	1.448	1.451	1.363	1.423	17.46
29)	S	Terphenyl-d14	0.609	0.883	0.575	0.563	0.571	0.657	0.656	0.631	0.643	16.17
30)		Benzo(a)anthra...	1.656	1.996	1.252	1.323	1.346	1.540	1.617	1.416	1.518	15.88
31)		3,3'-Dichlorob...	0.229	0.395	0.248	0.280	0.277	0.347	0.402	0.527	0.338	29.66
32)		Chrysene	1.262	2.040	1.262	1.229	1.205	1.414	1.343	1.218	1.372	20.34
33)		Bis(2-ethylhex...	0.557	0.715	0.425	0.425	0.419	0.538	0.707	0.972	0.595	32.56

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34)		Indeno(1,2,3-c...	1.291	1.992	1.246	1.305	1.292	1.489	1.604	1.484	1.463	16.96
35)	I	Perylene-d12	----------ISTD----------									
36)		Benzo(b)fluora...	1.455	1.974	1.348	1.368	1.442	1.562	1.611	1.645	1.551	13.06
37)		Benzo(k)fluora...	1.358	1.856	1.395	1.235	1.244	1.344	1.378	1.421	1.404	13.87
38)	C	Benzo(a)pyrene	1.272	1.753	1.258	1.192	1.219	1.348	1.432	1.451	1.366	13.38
39)		Dibenzo(a,h)an...	1.107	1.567	1.115	1.085	1.104	1.216	1.317	1.307	1.227	13.50
40)		Benzo(g,h,i)pe...	1.280	1.758	1.231	1.184	1.196	1.294	1.394	1.377	1.339	13.87

(#) = Out of Range