Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA M\METHODS\
Method File : SOM02.2-EPA-BM060216.M
Title : SVOA CALIBRATION
Last Update : Thu Jun 02 16:49:36 2016
Response Via : Initial Calibration

Calibration Files
5 =BM005660.D 10 =BM005659.D 20 =BM005658.D
40 =BM005657.D 80 =BM005656.D 160 =BM005655.D

		Compound	5	10	20	40	80	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)	S	1,4-Dioxane-d8	0.511	0.498	0.465	0.476	0.429		0.476	6.66
3)	S	Phenol-d5		1.796	1.768	1.721	1.780	1.725	1.758	1.90
4)	S	Bis-(2-Chloroethy		1.155	1.095	1.048	1.054	0.997	1.070	5.50
5)	S	2-Chlorophenol-d4	1.463	1.487	1.438	1.427	1.438		1.451	1.67
6)	S	4-Methylphenol-d8		1.437	1.391	1.356	1.420	1.349	1.391	2.78
7)	I	Naphthalene-d8	----------	ISTD	----------					
8)	S	Nitrobenzene-d5	0.147	0.157	0.153	0.158	0.154		0.154	2.73
9)	S	2-Nitrophenol-d4	0.153	0.164	0.166	0.169	0.170		0.164	4.29
10)	S	2,4-Dichloropheno	0.292	0.300	0.290	0.295	0.283		0.292	2.26
11)		Naphthalene	1.082	1.075	1.010	0.997	0.920		1.017	6.50
12)	S	4-Chloroaniline-d		0.402	0.386	0.388	0.327	0.232	0.347	20.38
13)		2-Methylnaphthale	0.753	0.750	0.702	0.695	0.633		0.707	6.93
14)		1-Methylnaphthale	0.748	0.740	0.689	0.680	0.620		0.695	7.45
15)	I	Acenaphthene-d10	----------	ISTD	----------					
16)	S	Dimethylphthalate	1.619	1.609	1.521	1.535	1.403		1.538	5.64
17)	S	Acenaphthylene-d8	2.049	2.088	2.001	2.003	1.857		2.000	4.39
18)		Acenaphthylene	2.151	2.186	2.084	2.056	1.869		2.069	5.97
19)	C	Acenaphthene	1.419	1.435	1.337	1.328	1.196		1.343	7.07
20)	S	4-Nitrophenol-d4		0.194	0.215	0.252	0.221	0.218	0.220	9.42
21)	S	Fluorene-d10	1.401	1.402	1.315	1.324	1.161		1.321	7.46
22)		Fluorene	1.579	1.584	1.471	1.445	1.188		1.453	11.08
23)	I	Phenanthrene-d10	----------	ISTD	----------					
24)	S	4,6-Dinitro-2-met		0.067	0.087	0.102	0.107	0.108	0.094	18.17
25)		Phenanthrene	1.163	1.157	1.104	1.093	1.003		1.104	5.83
26)	S	Anthracene-d10	0.991	0.996	0.959	0.945	0.858		0.950	5.88
27)		Anthracene	1.174	1.188	1.132	1.110	1.003		1.122	6.54
28)	C	Fluoranthene	1.108	1.172	1.143	1.202	1.017		1.128	6.31
29)	I	Chrysene-d12	----------	ISTD	----------					
30)	S	Pyrene-d10	1.081	1.035	0.994	0.950	0.966		1.005	5.29
31)		Pyrene	1.362	1.304	1.246	1.190	1.208		1.262	5.60
32)		Benzo(a)anthracen	1.204	1.242	1.176	1.149	1.094		1.173	4.79
33)		Chrysene	1.162	1.169	1.092	1.090	1.028		1.108	5.28
34)	I	Perylene-d12	----------	ISTD	----------					
35)		Benzo(b)fluoranth	1.213	1.243	1.181	1.218	1.176		1.206	2.29
36)		Benzo(k)fluoranth	1.187	1.192	1.137	1.088	1.054		1.132	5.35
37)	S	Benzo(a)pyrene-d1	0.925	0.951	0.910	0.914	0.902		0.920	2.07
38)	C	Benzo(a)pyrene	1.179	1.206	1.161	1.147	1.112		1.161	3.04
39)		Indeno(1,2,3-cd)p	1.397	1.433	1.374	1.370	1.294		1.374	3.70
40)		Dibenzo(a,h)anthr	1.173	1.204	1.161	1.156	1.070		1.153	4.32
41)		Benzo(g,h,i)peryl	1.165	1.182	1.130	1.151	1.134		1.152	1.89

(#) = Out of Range