Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
Method File : SOM02.2-EPA-BM072016.M
Title : SVOA CALIBRATION
Last Update : Thu Jul 21 01:09:30 2016
Response Via : Initial Calibration

Calibration Files
5 =BM006555.D 10 =BM006556.D 20 =BM006561.D
40 =BM006558.D 80 =BM006559.D 160 =BM006560.D

		Compound	5	10	20	40	80	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------		0.495	5.22
2)	S	1,4-Dioxane-d8	0.516	0.518	0.499	0.483	0.456			
3)	S	Phenol-d5		1.737	1.715	1.765	1.729	1.560	1.702	4.77
4)	S	Bis-(2-Chloroethy		1.113	1.082	1.075	1.052	0.948	1.054	5.98
5)	S	2-Chlorophenol-d4	1.360	1.360	1.353	1.377	1.348		1.360	0.80
6)	S	4-Methylphenol-d8		1.312	1.343	1.371	1.361	1.210	1.320	4.93
7)	I	Naphthalene-d8	----------	----------	ISTD	----------	----------		0.151	2.00
8)	S	Nitrobenzene-d5	0.149	0.150	0.149	0.155	0.154			
9)	S	2-Nitrophenol-d4	0.148	0.157	0.161	0.169	0.170		0.161	5.50
10)	S	2,4-Dichloropheno	0.298	0.307	0.306	0.309	0.302		0.304	1.39
11)		Naphthalene	1.094	1.063	1.019	1.017	0.963		1.031	4.85
12)	S	4-Chloroaniline-d		0.365	0.412	0.395	0.331	0.172	0.335	28.71
13)		2-Methylnaphthale	0.790	0.781	0.758	0.747	0.708		0.757	4.28
14)		1-Methylnaphthale	0.762	0.740	0.722	0.712	0.673		0.722	4.61
15)	I	Acenaphthene-d10	----------	----------	ISTD	----------	----------		0.568	2.98
16)	S	Dimethylphthalate	1.630	1.584	1.571	1.555	1.501			
17)	S	Acenaphthylene-d8	2.063	2.046	2.010	2.003	1.886		2.002	3.47
18)		Acenaphthylene	2.263	2.226	2.163	2.101	1.965		2.144	5.48
19)	C	Acenaphthene	1.483	1.430	1.387	1.337	1.251		1.378	6.45
20)	S	4-Nitrophenol-d4		0.243	0.269	0.288	0.293	0.269	0.272	7.18
21)	S	Fluorene-d10	1.514	1.456	1.403	1.366	1.273		1.402	6.52
22)		Fluorene	1.721	1.653	1.598	1.496	1.293		1.552	10.73
23)	I	Phenanthrene-d10	----------	----------	ISTD	----------	----------		0.104	9.80
24)	S	4,6-Dinitro-2-met		0.086	0.103	0.110	0.112	0.108		
25)		Phenanthrene	1.223	1.162	1.139	1.093	1.007		1.125	7.18
26)	S	Anthracene-d10	1.013	0.980	0.973	0.928	0.854		0.950	6.49
27)		Anthracene	1.253	1.206	1.179	1.130	1.023		1.158	7.57
28)	C	Fluoranthene	1.392	1.375	1.362	1.299	1.180		1.321	6.56
29)	I	Chrysene-d12	----------	----------	ISTD	----------	----------		0.911	3.82
30)	S	Pyrene-d10	0.963	0.927	0.906	0.885	0.876			
31)		Pyrene	1.301	1.233	1.217	1.174	1.131		1.211	5.28
32)		Benzo(a)anthracen	1.288	1.250	1.234	1.182	1.106		1.212	5.81
33)		Chrysene	1.202	1.158	1.132	1.080	1.016		1.118	6.45
34)	I	Perylene-d12	----------	----------	ISTD	----------	----------		1.199	8.10
35)		Benzo(b)fluoranth	1.320	1.239	1.211	1.168	1.056			
36)		Benzo(k)fluoranth	1.196	1.236	1.189	1.132	1.043		1.159	6.47
37)	S	Benzo(a)pyrene-d1	0.960	0.948	0.933	0.908	0.851		0.920	4.70
38)	C	Benzo(a)pyrene	1.247	1.220	1.189	1.142	1.037		1.167	7.08
39)		Indeno(1,2,3-cd)p	1.439	1.404	1.378	1.329	1.206		1.351	6.70
40)		Dibenzo(a,h)anthr	1.192	1.171	1.153	1.105	0.979		1.120	7.59
41)		Benzo(g,h,i)peryl	1.195	1.170	1.170	1.156	1.100		1.158	3.05

(#) = Out of Range