Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
Method File : SOM02.2-EPA-BM061716.M
Title : SVOA CALIBRATION
Last Update : Fri Jun 17 10:48:37 2016
Response Via : Initial Calibration

Calibration Files
5 =BM005832.D 10 =BM005833.D 20 =BM005839.D
40 =BM005835.D 80 =BM005836.D 160 =BM005837.D

		Compound	5	10	20	40	80	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)	S	1,4-Dioxane-d8	0.129	0.155	0.164	0.164	0.160		0.154	9.51
3)	S	Phenol-d5		1.498	1.566	1.713	1.750	1.845	1.674	8.41
4)	S	Bis-(2-Chloroethy		0.883	0.847	0.875	0.859	0.875	0.868	1.68
5)	S	2-Chlorophenol-d4	1.273	1.381	1.378	1.462	1.487		1.396	6.03
6)	S	4-Methylphenol-d8		1.345	1.447	1.538	1.551	1.602	1.497	6.80
7)	I	Naphthalene-d8	----------	ISTD	----------					
8)	S	Nitrobenzene-d5	0.105	0.136	0.146	0.159	0.159		0.141	15.82
9)	S	2-Nitrophenol-d4	0.130	0.164	0.177	0.197	0.195		0.172	15.93
10)	S	2,4-Dichloropheno	0.278	0.330	0.349	0.378	0.368		0.341	11.65
11)		Naphthalene	1.092	1.098	1.050	1.088	1.030		1.072	2.76
12)	S	4-Chloroaniline-d		0.193	0.230	0.263	0.245	0.221	0.231	11.40
13)		2-Methylnaphthale	0.804	0.835	0.811	0.841	0.795		0.817	2.42
14)		1-Methylnaphthale	0.889	0.884	0.837	0.846	0.797		0.851	4.41
15)	I	Acenaphthene-d10	----------	ISTD	----------					
16)	S	Dimethylphthalate	1.928	1.962	1.868	1.895	1.808		1.892	3.12
17)	S	Acenaphthylene-d8	2.199	2.219	2.174	2.192	2.114		2.180	1.85
18)		Acenaphthylene	2.266	2.274	2.159	2.210	2.124		2.207	2.96
19)	C	Acenaphthene	1.509	1.516	1.442	1.474	1.423		1.473	2.77
20)	S	4-Nitrophenol-d4		0.166	0.204	0.246	0.256	0.268	0.228	18.50
21)	S	Fluorene-d10	1.678	1.692	1.567	1.588	1.537		1.612	4.27
22)		Fluorene	1.876	1.855	1.752	1.762	1.683		1.786	4.43
23)	I	Phenanthrene-d10	----------	ISTD	----------					
24)	S	4,6-Dinitro-2-met		0.112	0.121	0.145	0.146	0.151	0.135	12.90
25)		Phenanthrene	1.236	1.240	1.162	1.189	1.127		1.191	4.06
26)	S	Anthracene-d10	1.102	1.071	1.018	1.043	0.987		1.044	4.28
27)		Anthracene	1.246	1.265	1.194	1.223	1.158		1.217	3.49
28)	C	Fluoranthene	1.544	1.561	1.456	1.497	1.424		1.496	3.85
29)	I	Chrysene-d12	----------	ISTD	----------					
30)	S	Pyrene-d10	0.946	0.981	0.946	0.962	0.905		0.948	2.98
31)		Pyrene	1.187	1.231	1.177	1.199	1.116		1.182	3.55
32)		Benzo(a)anthracen	1.282	1.283	1.228	1.252	1.200		1.249	2.85
33)		Chrysene	1.242	1.213	1.201	1.215	1.145		1.203	2.98
34)	I	Perylene-d12	----------	ISTD	----------					
35)		Benzo(b)fluoranth	1.270	1.318	1.250	1.230	1.157		1.245	4.77
36)		Benzo(k)fluoranth	1.295	1.214	1.172	1.211	1.119		1.202	5.38
37)	S	Benzo(a)pyrene-d1	1.036	1.035	0.982	1.006	0.940		1.000	4.04
38)	C	Benzo(a)pyrene	1.268	1.254	1.223	1.223	1.145		1.222	3.90
39)		Indeno(1,2,3-cd)p	1.571	1.520	1.445	1.492	1.443		1.494	3.59
40)		Dibenzo(a,h)anthr	1.272	1.240	1.210	1.230	1.191		1.229	2.48
41)		Benzo(g,h,i)peryl	1.334	1.287	1.247	1.271	1.220		1.272	3.38

(#) = Out of Range