Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
Method File : SOM02.2-EPA-BM061516.M
Title : SVOA CALIBRATION
Last Update : Wed Jun 15 01:42:36 2016
Response Via : Initial Calibration

Calibration Files
5 =BM005785.D 10 =BM005786.D 20 =BM005791.D
40 =BM005788.D 80 =BM005789.D 160 =BM005790.D

		Compound	5	10	20	40	80	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)	S	1,4-Dioxane-d8	0.464	0.449	0.429	0.434	0.385		0.432	6.84
3)	S	Phenol-d5		1.626	1.657	1.572	1.696	1.663	1.643	2.84
4)	S	Bis-(2-Chloroethy		1.054	1.014	0.947	0.952	0.922	0.978	5.58
5)	S	2-Chlorophenol-d4	1.322	1.413	1.381	1.347	1.380		1.369	2.56
6)	S	4-Methylphenol-d8		1.405	1.433	1.280	1.431	1.390	1.388	4.54
7)	I	Naphthalene-d8	----------	ISTD	----------					
8)	S	Nitrobenzene-d5	0.127	0.139	0.147	0.149	0.147		0.142	6.34
9)	S	2-Nitrophenol-d4	0.139	0.152	0.164	0.166	0.166		0.157	7.51
10)	S	2,4-Dichloropheno	0.295	0.314	0.304	0.296	0.297		0.301	2.71
11)		Naphthalene	1.090	1.073	0.978	0.952	0.893		0.997	8.31
12)	S	4-Chloroaniline-d		0.398	0.371	0.356	0.314	0.215	0.331	21.59
13)		2-Methylnaphthale	0.761	0.803	0.706	0.665	0.651		0.717	8.93
14)		1-Methylnaphthale	0.795	0.827	0.696	0.656	0.643		0.724	11.47
15)	I	Acenaphthene-d10	----------	ISTD	----------					
16)	S	Dimethylphthalate	1.697	1.653	1.622	1.519	1.447		1.588	6.44
17)	S	Acenaphthylene-d8	2.138	2.168	2.031	1.965	1.783		2.017	7.64
18)		Acenaphthylene	2.210	2.212	2.026	1.950	1.771		2.034	9.16
19)	C	Acenaphthene	1.449	1.449	1.318	1.278	1.167		1.332	9.04
20)	S	4-Nitrophenol-d4		0.159	0.155	0.198	0.203	0.198	0.183	12.89
21)	S	Fluorene-d10	1.369	1.510	1.272	1.289	1.172		1.322	9.54
22)		Fluorene	1.533	1.684	1.381	1.375	1.181		1.431	13.18
23)	I	Phenanthrene-d10	----------	ISTD	----------					
24)	S	4,6-Dinitro-2-met		0.062	0.081	0.094	0.103	0.107	0.089	20.38
25)		Phenanthrene	1.203	1.193	1.087	1.049	0.952		1.097	9.54
26)	S	Anthracene-d10	1.018	1.010	0.921	0.887	0.802		0.928	9.70
27)		Anthracene	1.186	1.186	1.090	1.038	0.930		1.086	9.96
28)	C	Fluoranthene	1.228	1.297	1.191	1.210	0.913		1.168	12.67
29)	I	Chrysene-d12	----------	ISTD	----------					
30)	S	Pyrene-d10	0.976	1.076	0.923	0.907	0.985		0.973	6.83
31)		Pyrene	1.240	1.375	1.174	1.131	1.222		1.228	7.52
32)		Benzo(a)anthracen	1.198	1.224	1.159	1.122	1.081		1.157	4.97
33)		Chrysene	1.212	1.220	1.113	1.091	1.034		1.134	7.09
34)	I	Perylene-d12	----------	ISTD	----------					
35)		Benzo(b)fluoranth	1.237	1.281	1.193	1.169	1.094		1.195	5.94
36)		Benzo(k)fluoranth	1.163	1.221	1.083	1.056	1.007		1.106	7.74
37)	S	Benzo(a)pyrene-d1	0.966	0.983	0.910	0.897	0.863		0.924	5.39
38)	C	Benzo(a)pyrene	1.225	1.224	1.118	1.091	1.048		1.141	7.03
39)		Indeno(1,2,3-cd)p	1.371	1.353	1.304	1.281	1.237		1.309	4.15
40)		Dibenzo(a,h)anthr	1.149	1.149	1.099	1.063	1.017		1.095	5.19
41)		Benzo(g,h,i)peryl	1.174	1.155	1.127	1.117	1.096		1.134	2.73

(#) = Out of Range