Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
Method File : SOM02.2-EPA-BM061016.M
Title : SVOA CALIBRATION
Last Update : Mon Jun 13 03:29:45 2016
Response Via : Initial Calibration

Calibration Files
5 =BM005724.D 10 =BM005723.D 20 =BM005741.D
40 =BM005721.D 80 =BM005720.D 160 =BM005719.D

		Compound	5	10	20	40	80	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)	S	1,4-Dioxane-d8	0.533	0.505	0.447	0.425	0.395		0.461	12.38
3)	S	Phenol-d5		1.638	1.727	1.759	1.743	1.763	1.726	2.96
4)	S	Bis-(2-Chloroethy		1.122	1.062	1.049	0.990	0.962	1.037	6.06
5)	S	2-Chlorophenol-d4	1.327	1.434	1.417	1.411	1.387		1.395	2.99
6)	S	4-Methylphenol-d8		1.389	1.475	1.503	1.463	1.461	1.458	2.88
7)	I	Naphthalene-d8	----------	ISTD	----------					
8)	S	Nitrobenzene-d5	0.131	0.145	0.148	0.149	0.149		0.144	5.29
9)	S	2-Nitrophenol-d4	0.144	0.160	0.172	0.172	0.167		0.163	7.05
10)	S	2,4-Dichloropheno	0.283	0.307	0.299	0.300	0.288		0.296	3.33
11)		Naphthalene	1.093	1.074	0.996	0.954	0.893		1.002	8.32
12)	S	4-Chloroaniline-d		0.411	0.428	0.404	0.331	0.210	0.357	25.22
13)		2-Methylnaphthale	0.812	0.812	0.757	0.721	0.666		0.754	8.26
14)		1-Methylnaphthale	0.810	0.809	0.746	0.707	0.651		0.745	9.17
15)	I	Acenaphthene-d10	----------	ISTD	----------					
16)	S	Dimethylphthalate	1.760	1.782	1.664	1.585	1.456		1.650	8.10
17)	S	Acenaphthylene-d8	2.137	2.158	2.048	1.954	1.795		2.018	7.37
18)		Acenaphthylene	2.233	2.229	2.082	1.989	1.795		2.066	8.86
19)	C	Acenaphthene	1.464	1.443	1.352	1.283	1.180		1.344	8.70
20)	S	4-Nitrophenol-d4		0.215	0.245	0.251	0.251	0.245	0.241	6.24
21)	S	Fluorene-d10	1.514	1.527	1.419	1.318	1.206		1.397	9.71
22)		Fluorene	1.716	1.709	1.568	1.430	1.245		1.534	13.01
23)	I	Phenanthrene-d10	----------	ISTD	----------					
24)	S	4,6-Dinitro-2-met		0.091	0.101	0.109	0.110	0.106	0.103	7.22
25)		Phenanthrene	1.199	1.182	1.107	1.040	0.945		1.095	9.60
26)	S	Anthracene-d10	1.039	1.018	0.953	0.889	0.810		0.942	10.01
27)		Anthracene	1.190	1.195	1.141	1.072	0.956		1.111	8.98
28)	C	Fluoranthene	1.398	1.411	1.308	1.216	1.096		1.286	10.25
29)	I	Chrysene-d12	----------	ISTD	----------					
30)	S	Pyrene-d10	1.044	0.976	0.932	0.953	0.900		0.961	5.64
31)		Pyrene	1.323	1.254	1.198	1.202	1.107		1.217	6.55
32)		Benzo(a)anthracen	1.228	1.233	1.151	1.112	1.049		1.155	6.78
33)		Chrysene	1.244	1.224	1.149	1.074	1.005		1.139	8.84
34)	I	Perylene-d12	----------	ISTD	----------					
35)		Benzo(b)fluoranth	1.242	1.240	1.162	1.175	1.123		1.188	4.37
36)		Benzo(k)fluoranth	1.366	1.317	1.218	1.106	0.996		1.201	12.62
37)	S	Benzo(a)pyrene-d1	0.975	0.977	0.913	0.873	0.824		0.912	7.23
38)	C	Benzo(a)pyrene	1.218	1.227	1.124	1.074	0.998		1.128	8.59
39)		Indeno(1,2,3-cd)p	1.158	1.189	1.098	1.052	1.008		1.101	6.74
40)		Dibenzo(a,h)anthr	0.974	1.002	0.916	0.880	0.829		0.921	7.58
41)		Benzo(g,h,i)peryl	0.979	0.964	0.892	0.902	0.867		0.921	5.26

(#) = Out of Range