Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA M\METHODS\
Method File : SOM02.2-EPA-BM080616.M
Title : SVOA CALIBRATION
Last Update : Mon Aug 08 06:00:24 2016
Response Via : Initial Calibration

Calibration Files
5 =BM006937.D 10 =BM006938.D 20 =BM006975.D
40 =BM006940.D 80 =BM006941.D 160 =BM006942.D

		Compound	5	10	20	40	80	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)	S	1,4-Dioxane-d8	0.472	0.418	0.459	0.427	0.412		0.438	6.05
3)	S	Phenol-d5		1.580	1.807	1.880	2.048	2.167	1.896	11.91
4)	S	Bis-(2-Chloroethy		1.103	1.200	1.172	1.220	1.251	1.189	4.71
5)	S	2-Chlorophenol-d4	1.198	1.273	1.372	1.428	1.498		1.354	8.87
6)	S	4-Methylphenol-d8		1.349	1.515	1.576	1.697	1.777	1.583	10.48
7)	I	Naphthalene-d8	----------	ISTD	----------					
8)	S	Nitrobenzene-d5	0.136	0.139	0.152	0.154	0.162		0.149	7.23
9)	S	2-Nitrophenol-d4	0.156	0.164	0.188	0.187	0.194		0.178	9.28
10)	S	2,4-Dichloropheno	0.302	0.320	0.343	0.352	0.368		0.337	7.71
11)		Naphthalene	1.008	0.994	1.045	1.029	1.059		1.027	2.58
12)	S	4-Chloroaniline-d		0.349	0.436	0.434	0.416	0.378	0.403	9.42
13)		2-Methylnaphthale	0.796	0.789	0.837	0.824	0.864		0.822	3.69
14)		1-Methylnaphthale	0.776	0.756	0.804	0.791	0.823		0.790	3.24
15)	I	Acenaphthene-d10	----------	ISTD	----------					
16)	S	Dimethylphthalate	1.722	1.701	1.790	1.771	1.817		1.760	2.73
17)	S	Acenaphthylene-d8	1.897	1.922	2.075	2.082	2.203		2.036	6.20
18)		Acenaphthylene	2.013	2.011	2.169	2.174	2.316		2.136	5.99
19)	C	Acenaphthene	1.348	1.325	1.403	1.403	1.484		1.393	4.42
20)	S	4-Nitrophenol-d4		0.268	0.213	0.216	0.278	0.302	0.255	15.45
21)	S	Fluorene-d10	1.497	1.425	1.501	1.494	1.564		1.496	3.30
22)		Fluorene	1.684	1.647	1.772	1.799	1.904		1.761	5.76
23)	I	Phenanthrene-d10	----------	ISTD	----------					
24)	S	4,6-Dinitro-2-met		0.030	0.060	0.080	0.106	0.137	0.083	49.63
25)		Phenanthrene	1.070	1.059	1.117	1.137	1.211		1.119	5.46
26)	S	Anthracene-d10	0.909	0.916	0.966	0.989	1.051		0.966	5.98
27)		Anthracene	1.108	1.111	1.170	1.187	1.279		1.171	5.96
28)	C	Fluoranthene	1.293	1.294	1.402	1.372	1.444		1.361	4.90
29)	I	Chrysene-d12	----------	ISTD	----------					
30)	S	Pyrene-d10	0.930	0.910	0.902	0.993	1.032		0.953	5.95
31)		Pyrene	1.198	1.197	1.177	1.299	1.344		1.243	5.94
32)		Benzo(a)anthracen	1.167	1.136	1.180	1.206	1.243		1.187	3.42
33)		Chrysene	0.995	1.001	1.053	1.080	1.094		1.045	4.33
34)	I	Perylene-d12	----------	ISTD	----------					
35)		Benzo(b)fluoranth	1.204	1.229	1.254	1.390	1.449		1.305	8.26
36)		Benzo(k)fluoranth	1.185	1.204	1.263	1.257	1.393		1.260	6.45
37)	S	Benzo(a)pyrene-d1	0.886	0.904	0.963	0.973	1.036		0.953	6.27
38)	C	Benzo(a)pyrene	1.111	1.126	1.183	1.210	1.288		1.184	6.01
39)		Indeno(1,2,3-cd)p	1.132	1.124	1.193	1.233	1.322		1.201	6.78
40)		Dibenzo(a,h)anthr	0.957	0.941	1.002	1.034	1.120		1.011	7.05
41)		Benzo(g,h,i)peryl	0.907	0.912	0.924	0.956	1.029		0.946	5.32

(#) = Out of Range