Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
Method File : SOM02.2-EPA-BG102016-MA.M
Title : SVOA CALIBRATION
Last Update : Fri Oct 21 17:27:43 2016
Response Via : Initial Calibration

Calibration Files
5 =BG024457.D 10 =BG024458.D 20 =BG024459.D
40 =BG024460.D 80 =BG024461.D 160 =BG024462.D

		Compound	5	10	20	40	80	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)	S	1,4-Dioxane-d8	0.382	0.378	0.352	0.385	0.374		0.374	3.49
3)	S	Phenol-d5		1.821	1.766	1.884	1.843	1.781	1.819	2.62
4)	S	Bis-(2-Chloroethy		1.122	1.138	1.143	1.125	1.094	1.124	1.68
5)	S	2-Chlorophenol-d4	1.252	1.244	1.271	1.302	1.331		1.280	2.82
6)	S	4-Methylphenol-d8		1.499	1.483	1.551	1.536	1.517	1.517	1.82
7)	I	Naphthalene-d8	----------	ISTD	----------					
8)	S	Nitrobenzene-d5	0.148	0.155	0.144	0.150	0.152		0.150	2.82
9)	S	2-Nitrophenol-d4	0.168	0.173	0.179	0.172	0.179		0.174	2.83
10)	S	2,4-Dichloropheno	0.340	0.372	0.359	0.342	0.352		0.353	3.78
11)	S	4-Chloroaniline-d		0.402	0.389	0.385	0.367	0.292	0.367	11.85
12)		1-Methylnaphthale	0.744	0.808	0.748	0.711	0.706		0.743	5.50
13)	I	Acenaphthene-d10	----------	ISTD	----------					
14)	S	Dimethylphthalate	1.386	1.426	1.365	1.316	1.250		1.349	5.03
15)	S	Acenaphthylene-d8	1.569	1.695	1.682	1.602	1.477		1.605	5.56
16)	S	4-Nitrophenol-d4		0.224	0.224	0.232	0.233	0.239	0.231	2.76
17)	S	Fluorene-d10	1.373	1.336	1.271	1.279	1.167		1.285	6.08
18)	I	Phenanthrene-d10	----------	ISTD	----------					
19)	S	4,6-Dinitro-2-met		0.124	0.122	0.133	0.142	0.147	0.134	8.10
20)	S	Anthracene-d10	0.985	0.932	0.898	0.857	0.771		0.889	9.08
21)		1,2,3,4-Tetrachlo	0.313	0.302	0.313	0.298	0.301		0.305	2.39
22)		Pentachlorobenzen	0.336	0.329	0.318	0.309	0.310		0.320	3.74
23)	I	Chrysene-d12	----------	ISTD	----------					
24)	S	Pyrene-d10	0.932	0.923	0.897	0.836	0.757		0.869	8.41
25)	I	Perylene-d12	----------	ISTD	----------					
26)	S	Benzo(a)pyrene-d1	0.898	0.909	0.873	0.856	0.839		0.875	3.28

(#) = Out of Range