Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
Method File : SOM-EPA-BG051817MA.M
Title : SVOA CALIBRATION
Last Update : Mon May 22 18:31:48 2017
Response Via : Initial Calibration

Calibration Files
5 =BG027001.D 10 =BG027002.D 20 =BG027036.D
40 =BG027004.D 80 =BG027005.D

		Compound	5	10	20	40	80	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
2)	I	Naphthalene-d8	----------ISTD----------						
3)		Naphthalene	1.143	1.079	1.034	0.993	0.940	1.038	7.52
4)		2-Methylnaphthalene	0.851	0.799	0.760	0.733	0.702	0.769	7.54
5)		1-Methylnaphthalene	0.915	0.868	0.816	0.789	0.750	0.828	7.89
6)	I	Acenaphthene-d10	----------ISTD----------						
7)	S	Acenaphthylene-d8	2.225	2.150	2.095	1.958	1.829	2.051	7.70
8)		Acenaphthylene	2.287	2.170	2.116	1.947	1.789	2.062	9.48
9)	C	Acenaphthene	1.515	1.450	1.444	1.353	1.295	1.411	6.17
10)	S	Fluorene-d10	1.485	1.419	1.389	1.311	1.239	1.369	6.99
11)		Fluorene	1.646	1.576	1.529	1.425	1.344	1.504	8.00
12)	I	Phenanthrene-d10	----------ISTD----------						
13)		Phenanthrene	1.243	1.188	1.123	1.068	0.968	1.118	9.53
14)	S	Anthracene-d10	1.062	1.028	0.986	0.928	0.872	0.975	7.85
15)		Anthracene	1.284	1.217	1.160	1.092	0.992	1.149	9.82
16)	C	Fluoranthene	1.254	1.227	1.163	1.094	0.977	1.143	9.75
17)	I	Chrysene-d12	----------ISTD----------						
18)	S	Pyrene-d10	1.144	1.097	1.042	1.002	0.936	1.044	7.78
19)		Pyrene	1.461	1.409	1.336	1.233	1.099	1.307	11.06
20)		Benzo(a)anthracene	1.329	1.269	1.212	1.141	1.074	1.205	8.36
21)		Chrysene	1.215	1.166	1.117	1.051	0.982	1.106	8.33
22)	I	Perylene-d12	----------ISTD----------						
23)		Benzo(b)fluoranthen	1.217	1.254	1.184	1.183	1.105	1.189	4.63
24)		Benzo(k)fluoranthen	1.345	1.278	1.251	1.152	1.088	1.223	8.36
25)	S	Benzo(a)pyrene-d12	1.022	1.019	1.009	0.971	0.948	0.994	3.30
26)	C	Benzo(a)pyrene	1.184	1.210	1.177	1.136	1.108	1.163	3.49
27)		Indeno(1,2,3-cd)pyr	1.078	1.035	1.079	1.086	1.070	1.070	1.86
28)		Dibenzo(a,h)anthrac	0.899	0.904	0.935	0.899	0.978	0.923	3.71
29)		Benzo(g,h,i)perylen	0.897	0.763	0.904	0.887	0.802	0.851	7.51

(#) = Out of Range