Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
Method File : SOM-EPA-BG030317-PAH.M
Title : SVOA CALIBRATION
Last Update : Wed Mar 15 14:13:45 2017
Response Via : Initial Calibration

Calibration Files
5 =BG026057.D 10 =BG026058.D 20 =BG026059.D
40 =BG026060.D 80 =BG026061.D 160 =BG026062.D

		Compound	5	10	20	40	80	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)	I	Naphthalene-d8	----------	ISTD	----------					
3)	S	2,4-Dichloropheno	0.287	0.293	0.299	0.301	0.302		0.296	2.20
4)		Naphthalene	1.013	0.992	0.985	0.970	0.932		0.978	3.08
5)		2-Methylnaphthale	0.751	0.725	0.732	0.723	0.697		0.726	2.69
6)	I	Acenaphthene-d10	----------	ISTD	----------					
7)	S	Acenaphthylene-d8	1.642	1.649	1.946	1.677	1.612		1.705	8.01
8)		Acenaphthylene	1.741	1.708	1.977	1.683	1.600		1.742	8.14
9)	C	Acenaphthene	1.216	1.197	1.378	1.199	1.164		1.231	6.86
10)	S	Fluorene-d10	1.224	1.206	1.407	1.211	1.171		1.244	7.50
11)		Fluorene	1.395	1.384	1.566	1.335	1.267		1.390	7.99
12)	I	Phenanthrene-d10	----------	ISTD	----------					
13)		Pentachlorophenol	0.107	0.122	0.132	0.141	0.138		0.128	10.65
14)		Phenanthrene	1.100	1.126	1.077	1.032	0.964		1.060	6.03
15)	S	Anthracene-d10	0.904	0.917	0.905	0.878	0.839		0.889	3.49
16)		Anthracene	1.121	1.122	1.100	1.041	0.969		1.071	6.13
17)	C	Fluoranthene		1.237	1.224	1.161	1.063	0.816	1.100	15.76
18)	I	Chrysene-d12	----------	ISTD	----------					
19)	S	Pyrene-d10	1.101	1.081	1.029	1.011	0.879		1.021	8.54
20)		Pyrene	1.419	1.369	1.309	1.245	1.025		1.273	12.05
21)		Benzo(a)anthracen	1.137	1.139	1.120	1.122	1.047		1.113	3.38
22)		Chrysene	1.063	1.046	1.036	1.050	0.998		1.039	2.36
23)	I	Perylene-d12	----------	ISTD	----------					
24)		Benzo(b)fluoranth	1.122	1.114	1.139	1.158	1.144		1.135	1.55
25)		Benzo(k)fluoranth	1.093	1.061	1.123	1.107	1.038		1.084	3.19
26)	S	Benzo(a)pyrene-d1	0.855	0.849	0.856	0.876	0.876		0.863	1.50
27)	C	Benzo(a)pyrene	1.033	1.028	1.076	1.078	1.060		1.055	2.24
28)		Indeno(1,2,3-cd)p	1.145	1.142	1.171	1.180	1.187		1.165	1.78
29)		Dibenzo(a,h)anthr	0.914	0.902	0.937	0.937	0.931		0.924	1.67
30)		Benzo(g,h,i)peryl	0.960	0.978	1.019	1.001	1.027		0.997	2.78

(#) = Out of Range