Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE042616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 26 16:09:46 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE091697.D 0.2 =BE091698.D 0.4 =BE091699.D 0.8 =BE091700.D 1.6 =BE091701.D 3.2 =BE091704.D 5 =BE091702.D
10 =BE091703.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	10	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane	0.947	1.185	0.760	0.639	0.555	0.591	0.585		0.752	31.25
3)		n-Nitrosodimet...	0.963	0.908	0.889	0.907	0.838	0.930	0.895	0.934	0.908	4.10
4)	S	2-Fluorophenol	1.386	1.187	1.190	1.221	1.122	1.253	1.205	1.262	1.228	6.29
5)	S	Phenol-d6	1.770	1.464	1.534	1.579	1.488	1.713	1.692	1.790	1.629	7.89
6)		bis(2-Chloroet...	1.502	1.305	1.448	1.479	1.347	1.467	1.460	1.457	1.433	4.83
7)	I	Naphthalene-d8	----------	ISTD	----------							
8)	S	Nitrobenzene-d5	0.338	0.295	0.301	0.317	0.299	0.344	0.332	0.356	0.323	7.07
9)		Nitrobenzene	0.335	0.306	0.311	0.330	0.313	0.369	0.354	0.382	0.338	8.36
10)		Naphthalene	1.095	0.992	1.024	1.050	0.948	1.025	0.971	0.977	1.010	4.75
11)		Hexachlorobuta...	0.158	0.167	0.146	0.154	0.136	0.151	0.140	0.141	0.149	6.86
12)		2-Methylnaphth...	0.689	0.597	0.649	0.661	0.608	0.675	0.655	0.658	0.649	4.85
13)	I	Acenaphthene-d10	----------	ISTD	----------							
14)	S	2,4,6-Tribromo...	0.164	0.105	0.143	0.151	0.145	0.179	0.178	0.189	0.157	17.17
15)	S	2-Fluorobiphenyl	1.487	1.538	1.397	1.462	1.313	1.420	1.367	1.329	1.414	5.53
16)		Acenaphthylene	1.777	1.712	1.692	1.827	1.897	2.199	2.116	2.165	1.923	10.79
17)		Acenaphthene	1.269	1.190	1.243	1.274	1.189	1.305	1.254	1.256	1.247	3.22
18)		Fluorene	1.644	1.384	1.553	1.612	1.471	1.645	1.567	1.526	1.550	5.79
19)	I	Phenanthrene-d10	----------	ISTD	----------							
20)		4-Bromophenyl-...	0.185	0.192	0.182	0.172	0.168	0.187	0.167	0.186	0.180	5.27
21)		Hexachlorobenzene	0.185	0.200	0.180	0.175	0.175	0.184	0.159	0.179	0.180	6.34
22)		Pentachlorophenol	0.097	0.070	0.072	0.075	0.082	0.102	0.095		0.085	15.66
23)		Phenanthrene	1.266	1.193	1.163	1.106	1.092	1.166	0.998	1.106	1.136	7.01
24)		Anthracene	1.047	0.939	1.007	0.971	1.019	1.118	0.991	1.105	1.025	6.11
25)		Fluoranthene	1.279	1.033	1.202	1.157	1.198	1.280	1.097	1.256	1.188	7.46
26)	I	Chrysene-d12	----------	ISTD	----------							
27)		Benzidine	0.178	0.181	0.231	0.295	0.316	0.403	0.395		0.286	32.64
28)		Pyrene	1.134	1.329	1.091	1.134	1.106	1.150	1.019	1.075	1.130	8.03
29)	S	Terphenyl-d14	0.791	0.929	0.763	0.813	0.766	0.769	0.683	0.725	0.780	9.24
30)		Benzo(a)anthra...	1.413	1.232	1.193	1.299	1.095	1.250	1.134	1.153	1.221	8.34
31)		3,3'-Dichlorob...	0.604	0.697	0.541	0.586	0.666	0.658	0.599	0.634	0.623	8.09
32)		Chrysene	1.508	1.261	1.343	1.326	1.303	1.251	1.058	1.105	1.269	11.09
33)		Bis(2-ethylhex...	0.425	0.423	0.285	0.316	0.335	0.374	0.371	0.431	0.370	14.76

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34)		Indeno(1,2,3-c...	1.232	0.982	1.152	1.201	1.124	1.160	1.063	1.127	1.130	6.95
35)	I	Perylene-d12	----------ISTD----------									
36)		Benzo(b)fluora...	1.207	1.194	1.137	1.197	1.109	1.225	1.125	1.179	1.172	3.61
37)		Benzo(k)fluora...	1.205	1.255	1.141	1.185	1.101	1.232	1.195	1.214	1.191	4.17
38)	C	Benzo(a)pyrene	1.160	1.139	1.045	1.092	1.011	1.150	1.083	1.149	1.103	4.98
39)		Dibenzo(a,h)an...	1.054	1.026	1.014	1.067	0.984	1.093	1.038	1.084	1.045	3.51
40)		Benzo(g,h,i)pe...	1.075	1.144	1.027	1.067	0.970	1.087	1.040	1.089	1.062	4.82

(#) = Out of Range