Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE021517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Feb 15 17:05:20 2017
Response Via : Initial Calibration

Calibration Files
0.1 =BE092728.D 0.2 =BE092729.D 0.4 =BE092730.D 0.8 =BE092731.D 1.6 =BE092732.D 3.2 =BE092733.D 5 =BE092734.D
10 =BE092735.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	0.919	0.912	0.702	0.657	0.652	0.607	0.612	0.620	0.710	18.35
3)		n-Nitrosodimet...	0.537	0.584	0.648	0.704	0.782	0.820	0.882	0.962	0.740	19.96
4)	S	2-Fluorophenol	0.858	0.839	0.934	0.960	1.001	1.055	1.162		0.973	11.58
5)	S	Phenol-d6	1.025	1.020	1.152	1.229	1.298	1.438			1.194	13.62
6)		bis(2-Chloroet...	1.196	1.096	1.216	1.338	1.494	1.585			1.321	14.24
7)	I	Naphthalene-d8	----------ISTD----------									
8)	S	Nitrobenzene-d5	0.220	0.235	0.269	0.290	0.320	0.337			0.279	16.61
9)		Naphthalene	1.164	1.071	1.091	1.087	1.061	1.047	1.074	1.064	1.082	3.31
10)		Hexachlorobuta...	0.175	0.148	0.165	0.161	0.157	0.154	0.155	0.158	0.159	5.11
11)		2-Methylnaphth...	0.633	0.625	0.662	0.680	0.693	0.695	0.715	0.735	0.680	5.61
12)	I	Acenaphthene-d10	----------ISTD----------									
13)	S	2,4,6-Tribromo...	0.094	0.093	0.104	0.101	0.114	0.131			0.106	13.56
14)	S	2-Fluorobiphenyl	1.206	1.152	1.236	1.239	1.215	1.205	1.239	1.262	1.219	2.75
15)		Acenaphthylene	7.363	6.982	7.490	7.560	7.376	7.668	7.800	8.115	7.544	4.44
16)		Acenaphthene	1.010	1.017	1.107	1.133	1.096	1.104	1.144	1.161	1.096	5.07
17)		Fluorene	1.338	1.295	1.393	1.433	1.404	1.422	1.473	1.499	1.407	4.74
18)	I	Phenanthrene-d10	----------ISTD----------									
19)		Hexachlorobenzene	0.224	0.209	0.212	0.194	0.185	0.179	0.174	0.169	0.193	10.41
20)		Pentachlorophenol		0.033	0.036	0.036	0.042	0.051	0.058		0.042	23.00
21)		Phenanthrene	1.235	1.176	1.251	1.182	1.202	1.221	1.140	1.098	1.188	4.26
22)		Anthracene	1.020	0.963	1.070	1.137	1.146	1.176	1.136	1.103	1.094	6.58
23)		Fluoranthene	5.266	4.943	5.106	4.999	5.062	5.086	5.178	5.130	5.096	1.98
24)	I	Chrysene-d12	----------ISTD----------									
25)		Pyrene	4.451	4.123	4.620	4.485	5.002	4.738	5.264	5.403	4.761	9.13
26)	S	Terphenyl-d14	0.596	0.549	0.619	0.583	0.662	0.635	0.722	0.739	0.638	10.43
27)		Benzo(a)anthra...	5.283	4.501	4.747	4.584	4.903	4.666	5.066	5.040	4.849	5.56
28)		Chrysene	6.404	5.292	5.757	5.504	5.848	5.476	5.810	5.921	5.752	5.94
29)		Bis(2-ethylhex...	1.099	0.557	0.582	0.492	0.635	0.677			0.674	32.34
30)		Indeno(1,2,3-c...	9.647	6.799	6.531	5.517	5.944	5.476	5.929	6.044	6.486	20.89
31)	I	Perylene-d12	----------ISTD----------									
32)		Benzo(b)fluora...	2.157	1.364	1.370	1.312	1.230	1.244	1.300	1.330	1.414	21.54

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33)		Benzo(k)fluora...	2.123	1.558	1.363	1.363	1.383	1.369	1.396	1.402	1.495	17.52
34)	C	Benzo(a)pyrene	1.604	1.222	1.210	1.192	1.200	1.253	1.282	1.319	1.285	10.59
35)		Dibenzo(a,h)an...	1.859	1.416	1.333	1.248	1.227	1.234	1.252	1.272	1.355	15.73
36)		Benzo(g,h,i)pe...	8.144	6.052	5.676	5.307	5.160	5.034	5.172	5.280	5.728	17.99

(#) = Out of Range