Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE061416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 15 12:00:38 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE091916.D 0.2 =BE091915.D 0.4 =BE091914.D 0.8 =BE091913.D 1.6 =BE091912.D 3.2 =BE091911.D 5 =BE091910.D
10 =BE091909.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	0.813	0.727	0.728	0.742	0.694	0.659	0.628	0.650	0.705	8.50
3)		n-Nitrosodimet...	0.649	0.639	0.811	0.903	0.838	0.821	0.950		0.802	14.76
4)	S	2-Fluorophenol	0.818	0.783	0.967	1.025	1.036	1.061	1.151		0.977	13.61
5)	S	Phenol-d6	0.939	0.919	1.214	1.322	1.385	1.443	1.647		1.267	20.98
6)		bis(2-Chloroet...	1.237	1.160	1.428	1.521	1.502	1.440	1.546	1.614	1.431	10.91
7)		n-Nitroso-di-n...	0.893	0.899	1.126	1.179	1.204	1.223	1.434		1.137	16.78
8)	I	Naphthalene-d8	----------	ISTD	----------							
9)	S	Nitrobenzene-d5	0.272	0.263	0.347	0.370	0.363	0.367	0.367	0.412	0.345	14.89
10)		Nitrobenzene	0.257	0.254	0.348	0.383	0.380	0.387	0.394		0.343	18.00
11)		bis(2-Chloroet...	0.324	0.410	0.469	0.492	0.475	0.441	0.423	0.466	0.438	12.24
12)		Naphthalene	1.141	1.025	1.164	1.174	1.075	1.054	1.008	1.097	1.092	5.75
13)		Hexachlorobuta...	0.181	0.157	0.188	0.194	0.179	0.173	0.164	0.177	0.177	6.70
14)		2-Methylnaphth...	0.704	0.654	0.766	0.798	0.760	0.721	0.730	0.792	0.741	6.53
15)	I	Acenaphthene-d10	----------	ISTD	----------							
16)	S	2,4,6-Tribromo...	0.074	0.074	0.096	0.112	0.128	0.128			0.102	24.40
17)	S	2-Fluorobiphenyl	1.307	1.177	1.367	1.358	1.348	1.151	1.209	1.238	1.269	6.80
18)		Acenaphthylene	4.914	4.632	5.042	5.067	5.422	4.840	5.186	5.500	5.075	5.73
19)		2,6-Dinitrotol...	0.528	0.461	0.574	0.805	0.885	1.005	1.065	1.163	0.811	32.64
20)		Acenaphthene	1.509	1.319	1.405	1.465	1.444	1.294	1.349		1.398	5.72
21)		2,4-Dinitrotol...	0.590	0.626	0.710	0.740	0.870	1.011			0.758	20.84
22)		Fluorene	1.328	1.266	1.404	1.458	1.515	1.302	1.415	1.439	1.391	6.10
23)		4-Chlorophenyl...	0.687	0.636	0.724	0.734	0.741	0.619	0.669	0.673	0.685	6.59
24)	I	Phenanthrene-d10	----------	ISTD	----------							
25)		4-Bromophenyl-...	0.185	0.163	0.196	0.208	0.197	0.192	0.195	0.209	0.193	7.52
26)		Hexachlorobenzene	0.208	0.176	0.207	0.214	0.196	0.194	0.189	0.204	0.198	6.30
27)		Pentachlorophenol	0.030	0.028	0.043	0.053	0.060	0.075	0.092		0.054	43.47
28)		Phenanthrene	1.325	1.141	1.300	1.357	1.251	1.206	1.170	1.247	1.250	6.04
29)		Anthracene	1.000	0.908	1.090	1.187	1.136	1.139	1.149	1.241	1.106	9.61
30)		Fluoranthene	5.089	4.533	5.424	5.738	5.389	5.438	5.265	5.955	5.354	7.97
31)	I	Chrysene-d12	----------	ISTD	----------							
32)		Benzidine	0.092	0.097	0.121	0.189	0.226	0.293			0.170	47.49
33)		Pyrene	3.343	2.986	3.326	3.500	3.379	3.049	3.639	3.987	3.401	9.40

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34)	S	Terphenyl-d14	0.586	0.535	0.633	0.647	0.604	0.586	0.616	0.690	0.612	7.59
35)		Benzo(a)anthra...	0.828	0.704	0.769	0.896	0.805	0.788	0.748	0.747	0.786	7.48
36)		3,3'-Dichlorob...	0.113	0.119	0.106	0.119	0.125	0.130	0.143	0.163	0.127	14.36
37)		Chrysene	1.222	1.111	1.275	1.279	1.167	1.076	1.029	1.020	1.147	9.10
38)		Bis(2-ethylhex...	0.541	0.452	0.504	0.565	0.568	0.611	0.821		0.580	20.27
39)		Indeno(1,2,3-c...	3.661	3.352	3.874	4.074	3.941	3.874	4.052	4.570	3.925	8.92
40)	I	Perylene-d12	----------ISTD----------									
41)		Benzo(b)fluora...	1.203	1.085	1.334	1.450	1.381	1.166	1.278	1.373	1.284	9.65
42)		Benzo(k)fluora...	1.118	1.011	1.179	1.232	1.141	1.262	1.200	1.255	1.175	7.13
43)	C	Benzo(a)pyrene	1.002	0.912	1.116	1.218	1.137	1.119	1.183	1.287	1.122	10.59
44)		Dibenzo(a,h)an...	0.999	0.907	1.099	1.161	1.124	1.098	1.109	1.237	1.092	9.17
45)		Benzo(g,h,i)pe...	4.338	3.894	4.554	4.754	4.521	4.472	4.497	5.030	4.507	7.22

(#) = Out of Range