Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 08 16:11:34 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE091876.D 0.2 =BE091877.D 0.4 =BE091878.D 0.8 =BE091879.D 1.6 =BE091880.D 3.2 =BE091881.D 5 =BE091882.D
10 =BE091883.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	1.124	0.777	0.823	0.781	0.666	0.622	0.673		0.781	21.52
3)		n-Nitrosodimet...	0.732	0.692	0.869	0.887	0.833	0.793	0.907	0.979	0.836	11.31
4)	S	2-Fluorophenol	1.051	0.897	1.060	1.078	1.061	1.049	1.110	1.224	1.066	8.41
5)	S	Phenol-d6	1.122	1.030	1.266	1.396	1.393	1.449	1.586		1.320	14.66
6)		bis(2-Chloroet...	1.409	1.158	1.424	1.512	1.466	1.420	1.492	1.564	1.431	8.52
7)		n-Nitroso-di-n...	1.078	0.884	1.103	1.135	1.117	1.142	1.223	1.356	1.130	11.80
8)	I	Naphthalene-d8	----------ISTD----------									
9)	S	Nitrobenzene-d5	0.256	0.250	0.349	0.375	0.373	0.374	0.377		0.336	17.22
10)		Nitrobenzene	0.239	0.230	0.298	0.343	0.333	0.336	0.347		0.304	16.38
11)		bis(2-Chloroet...	0.546	0.439	0.479	0.500	0.495	0.510	0.511	0.580	0.507	8.29
12)		Naphthalene	1.128	1.017	1.143	1.156	1.070	1.021	1.007	1.092	1.079	5.55
13)		Hexachlorobuta...	0.164	0.153	0.171	0.173	0.161	0.153	0.147	0.163	0.161	5.69
14)		2-Methylnaphth...	0.648	0.593	0.712	0.742	0.713	0.706	0.689	0.763	0.696	7.72
15)	I	Acenaphthene-d10	----------ISTD----------									
16)	S	2,4,6-Tribromo...	0.130	0.115	0.132	0.151	0.156	0.170			0.142	14.22
17)	S	2-Fluorobiphenyl	1.480	1.384	1.653	1.647	1.550	1.506	1.407	1.512	1.517	6.49
18)		Acenaphthylene	2.564	2.071	2.293	2.282	2.186	2.218	2.125	2.362	2.263	6.80
19)		2,6-Dinitrotol...	0.161	0.159	0.221	0.266	0.289	0.344			0.240	30.62
20)		Acenaphthene	1.570	1.345	1.450	1.393	1.350	1.305	1.244	1.408	1.383	7.13
21)		2,4-Dinitrotol...	0.228	0.177	0.236	0.282	0.304	0.370	0.401		0.285	28.06
22)		Fluorene	1.659	1.506	1.740	1.839	1.729	1.675	1.621	1.761	1.691	5.95
23)		4-Chlorophenyl...	0.842	0.775	0.888	0.909	0.842	0.805	0.755	0.819	0.829	6.32
24)	I	Phenanthrene-d10	----------ISTD----------									
25)		4-Bromophenyl-...	0.154	0.163	0.169	0.206	0.194	0.159	0.188	0.205	0.180	11.71
26)		Hexachlorobenzene	0.175	0.174	0.180	0.205	0.196	0.157	0.185	0.199	0.184	8.48
27)		Pentachlorophenol	0.061	0.050	0.050	0.065	0.067	0.066	0.089	0.113	0.070	30.45
28)		Phenanthrene	1.123	1.122	1.129	1.310	1.227	0.981	1.141	1.231	1.158	8.51
29)		Anthracene	0.883	0.909	0.939	1.152	1.107	0.924	1.109	1.232	1.032	12.89
30)		Fluoranthene	1.201	1.159	1.171	1.380	1.294	1.074	1.333	1.392	1.250	9.26
31)	I	Chrysene-d12	----------ISTD----------									
32)		Benzidine	0.352	0.261	0.299	0.314	0.367	0.405			0.333	15.54
33)		Pyrene	1.332	1.221	1.510	1.364	1.375	1.244	0.885	1.162	1.262	14.79

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34)	S	Terphenyl-d14	0.993	0.878	1.087	0.924	0.931	0.846	0.575		0.891	17.96
35)		Benzo(a)anthra...	8.718	7.176	8.519	7.433	7.300	6.833	5.293	6.500	7.222	15.14
36)		3,3'-Dichlorob...	0.427	0.266	0.315	0.330	0.343	0.413			0.349	17.46
37)		Chrysene	4.471	5.115	5.162	5.393	5.537	5.038	4.911	5.158	5.098	6.29
38)		Bis(2-ethylhex...	0.706	0.536	0.594	0.733	0.797	0.931			0.716	19.78
39)		Indeno(1,2,3-c...	1.618	1.474	1.848	1.636	1.614	1.421	1.054		1.524	16.26
40)	I	Perylene-d12	----------ISTD----------									
41)		Benzo(b)fluora...	1.264	1.066	1.235	1.303	1.212	1.161	1.213	1.321	1.222	6.67
42)		Benzo(k)fluora...	1.261	1.132	1.257	1.388	1.343	1.246	1.206	1.308	1.268	6.29
43)	C	Benzo(a)pyrene	1.123	0.973	1.111	1.274	1.204	1.109	1.121	1.250	1.146	8.37
44)		Dibenzo(a,h)an...	0.975	0.870	1.047	1.160	1.140	1.055	1.096	1.204	1.068	10.11
45)		Benzo(g,h,i)pe...	1.100	0.965	1.135	1.209	1.171	1.077	1.087	1.214	1.120	7.31

(#) = Out of Range