Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Oct 13 04:12:39 2015
Response Via : Initial Calibration

Calibration Files
0.1 =BE090969.D 0.2 =BE090970.D 0.5 =BE090971.D 0.8 =BE090972.D 1 =BE090973.D 2 =BE090974.D 5 =BE090975.D
10 =BE090976.D

		Compound	0.1	0.2	0.5	0.8	1	2	5	10	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane	1.101	1.556	0.819	0.876	0.763	0.695	0.671	0.620	0.888	34.79
3)		n-Nitrosodimet...	1.012	1.233	0.784	0.907	0.796	0.747	0.781	0.776	0.879	19.09
4)	S	2-Fluorophenol	1.255	1.393	0.852	1.082	0.918	0.866	0.961	1.031	1.045	18.41
5)	S	Phenol-d6	1.123	1.492	1.065	1.315	1.145	1.210	1.410	1.481	1.280	13.11
6)		bis(2-Chloroet...	1.942	2.749	1.204	0.896	1.472	1.209	1.342	1.380	1.524	37.83
7)	I	Naphthalene-d8	----------	ISTD	----------							
8)	S	Nitrobenzene-d5	0.186	0.293	0.221	0.267	0.255	0.270	0.326	0.339	0.270	18.83
9)		Nitrobenzene		0.245	0.193	0.263	0.259	0.299	0.376	0.390	0.289	24.71
10)		Naphthalene	1.140	1.449	0.953	1.133	1.024	0.962	0.995	0.943	1.075	15.78
11)		Hexachlorobuta...	0.190	0.232	0.166	0.199	0.178	0.160	0.161	0.146	0.179	15.28
12)		2-Methylnaphth...	0.609	0.779	0.541	0.667	0.597	0.594	0.647	0.640	0.634	11.07
13)	I	Acenaphthene-d10	----------	ISTD	----------							
14)	S	2,4,6-Tribromo...	0.203	0.184	0.125	0.155	0.119	0.135	0.167	0.176	0.158	18.96
15)	S	2-Fluorobiphenyl	1.401	1.747	1.150	1.421	1.262	1.240	1.339	1.281	1.355	13.39
16)		Acenaphthylene	0.848	1.065	0.731	0.866	0.765	0.771	0.829	0.805	0.835 E1	12.36
17)		Acenaphthene	1.358	1.785	1.206	1.414	1.255	1.210	1.254	1.194	1.334	14.83
18)		Fluorene	1.781	2.085	1.424	1.708	1.540	1.555	1.604	1.493	1.649	12.73
19)	I	Phenanthrene-d10	----------	ISTD	----------							
20)		4-Bromophenyl-...	0.228	0.220	0.160	0.194	0.174	0.170	0.184	0.180	0.189	12.78
21)		Hexachlorobenzene	1.063	1.286	0.887	1.032	0.927	0.858	0.886	0.822	0.970	15.71
22)		Pentachlorophenol	0.110	0.081	0.050	0.064	0.045	0.049	0.073	0.090	0.070	32.41
23)		Phenanthrene	1.643	1.519	1.080	1.290	1.152	1.107	1.217	1.111	1.265	16.53
24)		Anthracene	1.244	1.503	0.965	1.121	0.999	1.016	1.114	1.083	1.131	15.38
25)		Fluoranthene	2.354	1.948	1.230	1.435	1.223	1.184	1.370	1.281	1.503	28.09
26)	I	Chrysene-d12	----------	ISTD	----------							
27)		Benzidine		0.089	0.066	0.081	0.073	0.085	0.146		0.090	31.85
28)		Pyrene	1.891	1.544	1.071	1.230	1.064	1.108	1.160	1.146	1.277	22.88
29)	S	Terphenyl-d14		0.847	0.559	0.645	0.549	0.575	0.624	0.619	0.631	16.10
30)		Benzo(a)anthra...	1.556	1.388	0.925	1.157	1.058	1.076	1.136	1.109	1.176	17.11
31)		3,3'-Dichlorob...	0.196	0.252	0.152	0.179	0.147	0.164	0.229	0.290	0.201	25.55
32)		Chrysene	2.182	2.136	1.382	1.531	1.286	1.182	1.207	1.134	1.505	28.09
33)		Bis(2-ethylhex...	0.685	0.582	0.309	0.364	0.298	0.348	0.516	0.647	0.469	33.59

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34)		Indeno(1,2,3-c...	1.406	1.528	0.957	1.213	1.047	1.030	1.241	1.277	1.212	16.14
35)	I	Perylene-d12	----------ISTD----------									
36)		Benzo(b)fluora...	1.289	1.210	0.865	1.081	0.989	1.036	1.180	1.166	1.102	12.39
37)		Benzo(k)fluora...	1.867	2.023	1.302	1.497	1.360	1.370	1.406	1.300	1.515	18.17
38)	C	Benzo(a)pyrene	1.046	1.187	0.797	1.114	0.884	0.935	1.094	1.120	1.022	13.24
39)		Dibenzo(a,h)an...	1.046	1.114	0.808	0.984	0.850	0.930	1.166	1.178	1.009	13.92
40)		Benzo(g,h,i)pe...	1.196	1.314	0.900	1.100	0.952	0.992	1.154	1.161	1.096	12.68

(#) = Out of Range