Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE070516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 05 16:14:58 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE091958.D 0.2 =BE091959.D 0.4 =BE091960.D 0.8 =BE091961.D 1.6 =BE091962.D 3.2 =BE091966.D 5 =BE091964.D
10 =BE091965.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	0.780	0.762	0.707	0.659	0.642	0.669	0.610	0.596	0.678	9.88
3)		n-Nitrosodimet...	0.537	0.629	0.720	0.745	0.807	0.908	0.929	0.866	0.768	17.91
4)	S	2-Fluorophenol	1.025	1.086	1.131	1.143	1.221	1.343	1.305	1.316	1.196	9.83
5)	S	Phenol-d6	1.310	1.448	1.509	1.558	1.713	1.918	1.885	1.954	1.662	14.51
6)		bis(2-Chloroet...	1.268	1.272	1.344	1.462	1.505	1.597	1.584	1.555	1.449	9.40
7)		n-Nitroso-di-n...	1.262	1.299	1.296	1.303	1.395	1.497	1.525	1.521	1.387	8.07
8)	I	Naphthalene-d8	----------ISTD----------									
9)	S	Nitrobenzene-d5	0.291	0.307	0.335	0.334	0.353	0.373	0.367	0.365	0.341	8.70
10)		Nitrobenzene	0.284	0.321	0.347	0.366	0.394	0.416	0.417	0.414	0.370	13.35
11)		bis(2-Chloroet...	0.332	0.379	0.479	0.448	0.420	0.448	0.425	0.409	0.418	10.92
12)		Naphthalene	1.241	1.218	1.195	1.139	1.169	1.137	1.124	1.089	1.164	4.39
13)		Hexachlorobuta...	0.195	0.194	0.189	0.179	0.176	0.159	0.164	0.160	0.177	8.53
14)		2-Methylnaphth...	0.777	0.748	0.763	0.737	0.757	0.748	0.745	0.707	0.748	2.73
15)	I	Acenaphthene-d10	----------ISTD----------									
16)	S	2,4,6-Tribromo...	0.101	0.106	0.122	0.127	0.147	0.180	0.177	0.180	0.143	23.36
17)	S	2-Fluorobiphenyl	1.194	1.254	1.258	1.223	1.189	1.245	1.234	1.160	1.220	2.88
18)		Acenaphthylene	5.659	5.705	6.096	5.819	6.110	7.331	7.122	6.365	6.276	10.10
19)		2,6-Dinitrotol...	0.650	0.608	0.793	1.017	1.201	1.511	1.516	1.449	1.093	34.91
20)		Acenaphthene	1.546	1.436	1.401	1.365	1.303	1.301	1.280	1.306	1.367	6.64
21)		2,4-Dinitrotol...	0.678	0.714	0.733	0.766	1.011	1.609	1.784	1.625	1.115	42.63
22)		Fluorene	1.464	1.416	1.478	1.401	1.423	1.520	1.474	1.363	1.442	3.51
23)		4-Chlorophenyl...	0.744	0.725	0.755	0.710	0.706	0.746	0.712	0.655	0.719	4.41
24)	I	Phenanthrene-d10	----------ISTD----------									
25)		4-Bromophenyl-...	0.226	0.217	0.221	0.209	0.216	0.219	0.218	0.212	0.217	2.35
26)		Hexachlorobenzene	0.238	0.222	0.219	0.209	0.212	0.212	0.211	0.202	0.216	5.04
27)		Pentachlorophenol	0.141	0.045	0.045	0.051	0.067	0.098	0.102		0.078	46.59
28)		Phenanthrene	1.479	1.332	1.349	1.265	1.263	1.291	1.260	1.183	1.303	6.71
29)		Anthracene	1.259	1.170	1.204	1.162	1.212	1.270	1.252	1.213	1.218	3.29
30)		Fluoranthene	6.261	5.795	5.542	5.181	5.335	5.897	5.560	5.221	5.599	6.61
31)	I	Chrysene-d12	----------ISTD----------									
32)		Benzidine	0.295	0.283	0.269	0.317	0.405	0.355	0.405	0.333	16.98	
33)		Pyrene	4.127	3.485	3.674	3.622	3.523	3.721	3.545	3.426	3.640	6.03

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34)	S	Terphenyl-d14	0.665	0.571	0.597	0.597	0.589	0.640	0.555	0.505	0.590	8.37
35)		Benzo(a)anthra...	1.048	0.829	0.832	0.793	0.783	0.809	0.822	0.783	0.837	10.43
36)		3,3'-Dichlorob...	0.369	0.282	0.259	0.240	0.211	0.222	0.216		0.257	21.59
37)		Chrysene	1.435	1.214	1.181	1.161	1.197	1.120	1.142	1.043	1.187	9.57
38)		Bis(2-ethylhex...	1.109	0.871	0.893	0.961	0.885	1.186	0.941	0.913	0.970	11.90
39)		Indeno(1,2,3-c...	5.634	4.656	4.812	4.791	4.401	4.792	4.150	4.022	4.657	10.71
40)	I	Perylene-d12	----------ISTD----------									
41)		Benzo(b)fluora...	1.420	1.354	1.368	1.350	1.389	1.405	1.410	1.350	1.381	2.08
42)		Benzo(k)fluora...	1.550	1.345	1.316	1.269	1.242	1.399	1.291	1.264	1.335	7.54
43)	C	Benzo(a)pyrene	1.462	1.297	1.290	1.253	1.242	1.327	1.296	1.263	1.304	5.33
44)		Dibenzo(a,h)an...	1.348	1.220	1.200	1.194	1.202	1.260	1.206	1.187	1.227	4.39
45)		Benzo(g,h,i)pe...	5.638	5.095	4.972	4.796	4.858	5.061	4.849	4.767	5.004	5.65

(#) = Out of Range