Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 01 17:22:55 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE092088.D 0.2 =BE092089.D 0.4 =BE092090.D 0.8 =BE092091.D 1.6 =BE092092.D 3.2 =BE092093.D 5 =BE092094.D
10 =BE092095.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	1.062	0.777	0.717	0.691	0.666	0.616	0.652	0.596	0.722	20.58
3)		n-Nitrosodimet...	1.062	0.912	0.872	0.905	0.880	0.839	0.931	0.947	0.918	7.32
4)	S	2-Fluorophenol	2.332	1.932	1.697	1.532	1.459	1.313	1.426	1.360	1.631	21.27
5)	S	Phenol-d6	2.707	2.238	1.726	1.705	1.751	1.701	1.920	1.931	1.960	17.98
6)		bis(2-Chloroet...	1.758	1.544	1.459	1.482	1.500	1.435	1.607	1.576	1.545	6.72
7)		n-Nitroso-di-n...	1.685	1.412	1.384	1.354	1.405	1.353	1.541	1.615	1.469	8.70
8)	I	Naphthalene-d8	----------	ISTD	----------							
9)	S	Nitrobenzene-d5	0.590	0.536	0.404	0.366	0.375	0.369	0.402	0.389	0.429	19.85
10)		Nitrobenzene	0.452	0.411	0.384	0.393	0.409	0.403	0.445	0.426	0.416	5.78
11)		bis(2-Chloroet...	0.862	0.690	0.607	0.519	0.479	0.430	0.458	0.433	0.560	27.16
12)		Naphthalene	1.356	1.180	1.163	1.123	1.130	1.035	1.148	1.080	1.152	8.22
13)		Hexachlorobuta...	0.221	0.201	0.188	0.186	0.185	0.169	0.185	0.166	0.188	9.24
14)		2-Methylnaphth...	0.874	0.792	0.757	0.742	0.753	0.722	0.785	0.749	0.772	6.09
15)	I	Acenaphthene-d10	----------	ISTD	----------							
16)	S	2,4,6-Tribromo...	0.526	0.390	0.362	0.325	0.322	0.308	0.338	0.331	0.363	19.54
17)	S	2-Fluorobiphenyl	2.396	2.084	1.895	1.887	1.879	1.684	1.829	1.835	1.936	11.14
18)		Acenaphthylene	1.347	1.209	1.068	1.098	1.103	0.943	1.002	1.096	1.108 E1	11.20
19)		2,6-Dinitrotol...	1.594	1.432	1.232	1.312	1.169	1.035	1.222	1.397	1.299	13.37
20)		Acenaphthene	1.872	1.592	1.530	1.454	1.483	1.362	1.541	1.407	1.530	10.24
21)		2,4-Dinitrotol...	2.344	1.909	1.817	1.972	2.198	2.074	2.220	2.564	2.137	11.47
22)		Fluorene	2.750	2.479	2.267	2.260	2.225	2.036	2.200	2.184	2.300	9.53
23)		4-Chlorophenyl...	1.359	1.445	1.267	1.182	1.131	0.951	1.033	1.019	1.173	14.83
24)	I	Phenanthrene-d10	----------	ISTD	----------							
25)		4-Bromophenyl-...	0.194	0.167	0.159	0.168	0.161	0.154	0.174	0.164	0.168	7.40
26)		Hexachlorobenzene	0.196	0.171	0.164	0.168	0.160	0.153	0.166	0.158	0.167	7.77
27)		Pentachlorophenol		0.027	0.019	0.018	0.020	0.026	0.041	0.063	0.031	52.93
28)		Phenanthrene	1.878	1.460	1.325	1.326	1.231	1.134	1.230	1.165	1.344	17.82
29)		Anthracene	1.165	1.005	0.955	1.011	0.956	0.919	1.007	0.961	0.997	7.52
30)		Fluoranthene	5.248	4.352	3.975	4.119	3.437	3.328	3.479	3.398	3.917	16.84
31)	I	Chrysene-d12	----------	ISTD	----------							
32)		Benzidine	0.154	0.190	0.231	0.328	0.438	0.551	0.561	0.668	0.390	49.37
33)		Pyrene	6.897	5.364	5.525	5.309	5.850	5.197	5.785	5.538	5.683	9.49

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34)	S	Terphenyl-d14	1.228	0.863	0.691	0.525	0.492			0.760	39.57
35)		Benzo(a)anthra...	2.192	1.393	1.230	1.220	1.174	1.206	1.230	1.168	1.352	25.64
36)		3,3'-Dichlorob...	0.408	0.406	0.427	0.451	0.461	0.456	0.489	0.496	0.449	7.57
37)		Chrysene	1.379	1.378	1.272	1.192	1.114	1.031	1.077	1.078	1.190	11.63
38)		Bis(2-ethylhex...	2.169	1.376	1.134	1.066	0.984	0.985	1.003	0.948	1.208	34.09
39)		Indeno(1,2,3-c...	6.768	5.274	5.170	5.075	4.983	4.940	5.089	5.122	5.303	11.34
40)	I	Perylene-d12	----------ISTD----------									
41)		Benzo(b)fluora...	1.958	1.399	1.300	1.274	1.336	1.237	1.336	1.258	1.387	17.04
42)		Benzo(k)fluora...	1.685	1.585	1.462	1.392	1.325	1.250	1.361	1.289	1.419	10.59
43)	C	Benzo(a)pyrene	1.500	1.298	1.247	1.228	1.288	1.199	1.301	1.246	1.288	7.20
44)		Dibenzo(a,h)an...	1.462	1.206	1.145	1.133	1.157	1.099	1.204	1.170	1.197	9.42
45)		Benzo(g,h,i)pe...	6.067	5.125	4.934	4.830	4.875	4.603	5.016	4.822	5.034	8.84

(#) = Out of Range