Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE072716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jul 27 17:13:26 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE092057.D 0.2 =BE092050.D 0.4 =BE092051.D 0.8 =BE092052.D 1.6 =BE092053.D 3.2 =BE092054.D 5 =BE092055.D
10 =BE092056.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	0.858	0.733	0.687	0.671	0.652	0.613	0.661	0.621	0.687	11.45
3)		n-Nitrosodimet...	0.686	0.691	0.741	0.830	0.891	0.815	0.937	0.964	0.819	13.04
4)	S	2-Fluorophenol	1.196	1.007	0.976	1.009	1.062	1.095	1.266	1.303	1.114	11.26
5)	S	Phenol-d6	1.591	1.514	1.317	1.300	1.434	1.483	1.767		1.487	10.88
6)		bis(2-Chloroet...	1.430	1.359	1.301	1.387	1.455	1.399	1.596	1.572	1.437	7.08
7)		n-Nitroso-di-n...	1.050	1.077	1.049	1.110	1.209	1.158	1.411	1.435	1.187	13.08
8)	I	Naphthalene-d8	----------ISTD----------									
9)	S	Nitrobenzene-d5	0.413	0.427	0.346	0.326	0.343	0.343	0.386	0.396	0.373	10.08
10)		Nitrobenzene	0.298	0.306	0.320	0.350	0.376	0.375	0.428	0.440	0.362	14.77
11)		bis(2-Chloroet...	0.392	0.344	0.362	0.386	0.447	0.432	0.489	0.484	0.417	13.02
12)		Naphthalene	1.296	1.153	1.088	1.098	1.049	0.972	1.056	1.052	1.095	8.76
13)		Hexachlorobuta...	0.192	0.172	0.160	0.160	0.162	0.149	0.160	0.157	0.164	7.98
14)		2-Methylnaphth...	0.766	0.702	0.662	0.693	0.709	0.656	0.742	0.727	0.707	5.34
15)	I	Acenaphthene-d10	----------ISTD----------									
16)	S	2,4,6-Tribromo...	0.149	0.142	0.144	0.159	0.187	0.207	0.240		0.175	21.23
17)	S	2-Fluorobiphenyl	2.343	2.068	1.972	1.956	1.959	1.891	1.954	1.885	2.003	7.40
18)		Acenaphthylene	1.347	1.197	1.195	1.251	1.322	1.306	1.373	1.379	1.296 E1	5.69
19)		2,6-Dinitrotol...	1.130	1.137	1.162	1.250	1.426	1.494	1.722		1.331	16.84
20)		Acenaphthene	1.829	1.431	1.338	1.273	1.273	1.192	1.298	1.295	1.366	14.55
21)		2,4-Dinitrotol...	1.185	1.042	1.040	1.351	1.921	2.403	2.848		1.684	42.78
22)		Fluorene	2.346	2.117	2.075	2.088	2.171	2.038	2.184	2.141	2.145	4.41
23)		4-Chlorophenyl...	1.234	1.079	1.047	1.025	1.065	0.969	1.025	0.991	1.055	7.69
24)	I	Phenanthrene-d10	----------ISTD----------									
25)		4-Bromophenyl-...	0.227	0.206	0.200	0.200	0.201	0.193	0.215	0.204	0.206	5.16
26)		Hexachlorobenzene	0.243	0.220	0.208	0.213	0.207	0.196	0.215	0.204	0.213	6.67
27)		Pentachlorophenol		0.031	0.032	0.040	0.052	0.066	0.090	0.108	0.060	49.94
28)		Phenanthrene	1.501	1.318	1.228	1.245	1.234	1.173	1.260	1.205	1.271	8.03
29)		Anthracene	1.230	1.109	1.070	1.102	1.138	1.122	1.249	1.227	1.156	5.96
30)		Fluoranthene	5.915	5.229	4.941	5.331	5.680	5.680	6.396	6.046	5.652	8.37
31)	I	Chrysene-d12	----------ISTD----------									
32)		Benzidine	0.261	0.179	0.176	0.224	0.252	0.384			0.246	31.07
33)		Pyrene	7.666	5.402	5.880	7.058	6.431	6.237	6.657	6.201	6.442	10.85

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE072716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

34)	S	Terphenyl-d14	1.184	0.854	0.826	0.976	0.855	0.936	0.955	0.863	0.931	12.46
35)		Benzo(a)anthra...	3.639	2.433	2.222	2.341	1.980	1.990	2.129		2.391	24.08
36)		3,3'-Dichlorob...	0.356	0.248	0.307	0.397	0.456	0.573	0.681	0.669	0.461	35.65
37)		Chrysene	3.514	2.557	2.075	1.916	1.624	1.505	1.621	1.396	2.026	34.92
38)		Bis(2-ethylhex...	7.206	3.945	4.060	4.735	4.329	4.319	5.014		4.801	23.40
39)		Indeno(1,2,3-c...	6.733	5.109	5.453	6.291	5.765	5.831	6.071	5.620	5.859	8.63
40)	I	Perylene-d12	----------ISTD----------									
41)		Benzo(b)fluora...	2.137	1.818	1.452	1.391	1.363	1.245	1.401	1.316	1.515	20.06
42)		Benzo(k)fluora...	2.439	1.624	1.585	1.433	1.385	1.297	1.417	1.358	1.567	23.56
43)	C	Benzo(a)pyrene	1.537	1.295	1.233	1.185	1.208	1.145	1.311	1.270	1.273	9.47
44)		Dibenzo(a,h)an...	1.088	1.018	1.022	1.081	1.133	1.111	1.238	1.195	1.111	6.97
45)		Benzo(g,h,i)pe...	4.887	4.386	4.306	4.496	4.626	4.511	4.998	4.895	4.638	5.57

(#) = Out of Range