Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE011617.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Mar 25 10:49:04 2015
Response Via : Initial Calibration

Calibration Files
0.1 =BE092648.D 0.2 =BE092649.D 0.4 =BE092650.D 0.8 =BE092651.D 1.6 =BE092652.D 3.2 =BE092653.D 5 =BE092654.D 10 =BE0926
55.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	1.032	0.918	0.816	0.749	0.670	0.681	0.667	0.667	0.775	17.72
3)		n-Nitrosodimet...	1.016	0.756	0.789	0.901	0.884	0.931	0.935	1.005	0.902	10.27
4)	S	2-Fluorophenol	1.400	0.962	0.949	1.045	1.031	1.110	1.142	1.292	1.116	14.20
5)	S	Phenol-d6	1.618	1.198	1.126	1.314	1.358	1.453	1.511		1.368	12.67
6)		bis(2-Chloroet...	1.671	1.339	1.220	1.407	1.396	1.503	1.505	1.582	1.453	9.81
7)	I	Naphthalene-d8	----------ISTD----------									
8)	S	Nitrobenzene-d5	0.360	0.278	0.269	0.312	0.310	0.340	0.349	0.378	0.325	11.99
9)		Naphthalene	1.393	0.958	0.965	1.026	1.001	1.000	1.005	1.005	1.044	13.67
10)		Hexachlorobuta...	0.197	0.140	0.146	0.157	0.150	0.148	0.147	0.148	0.154	11.56
11)		2-Methylnaphth...	0.762	0.562	0.579	0.630	0.638	0.659	0.660	0.695	0.648	9.78
12)	I	Acenaphthene-d10	----------ISTD----------									
13)	S	2,4,6-Tribromo...	0.153	0.101	0.101	0.113	0.124	0.140	0.149		0.126	17.61
14)	S	2-Fluorobiphenyl	1.551	1.104	1.141	1.211	1.229	1.200	1.202	1.200	1.230	11.07
15)		Acenaphthylene	8.095	5.892	6.111	6.657	6.935	7.005	7.026	7.396	6.890	10.12
16)		Acenaphthene	1.345	1.079	1.050	1.075	1.092	1.059	1.056	1.083	1.105	8.90
17)		Fluorene	1.682	1.232	1.244	1.346	1.385	1.387	1.394	1.426	1.387	9.99
18)	I	Phenanthrene-d10	----------ISTD----------									
19)		Hexachlorobenzene	0.267	0.190	0.197	0.194	0.174	0.161	0.165	0.161	0.189	18.47
20)		Pentachlorophenol		0.044	0.047	0.054	0.052	0.060			0.051	12.41
21)		Phenanthrene	1.421	1.046	1.068	1.155	1.062	1.032	1.023	1.022	1.104	12.25
22)		Anthracene	1.221	0.873	0.908	1.034	1.030	1.020	1.032	1.027	1.018	10.16
23)		Fluoranthene	6.195	4.376	4.442	4.888	4.798	4.647	4.947	4.865	4.895	11.55
24)	I	Chrysene-d12	----------ISTD----------									
25)		Pyrene	5.733	4.270	4.112	4.492	4.944	5.098	5.154	5.625	4.929	12.13
26)	S	Terphenyl-d14	0.832	0.617	0.607	0.651	0.708	0.721	0.720	0.799	0.707	11.43
27)		Benzo(a)anthra...	6.156	4.463	4.249	4.589	4.751	4.724	5.022	5.451	4.926	12.50
28)		Chrysene	7.102	5.354	5.154	5.466	5.536	5.612	5.155	4.954	5.542	12.06
29)		Bis(2-ethylhex...	1.663	0.720	0.653	0.707	0.750	0.883	0.917	1.014	0.913	35.75
30)		Indeno(1,2,3-c...	6.881	5.226	5.239	5.909	6.160	5.905	6.395	6.181	5.987	9.33
31)	I	Perylene-d12	----------ISTD----------									
32)		Benzo(b)fluora...	1.338	1.042	1.111	1.095	1.184	1.263	1.293	1.352	1.210	9.80
33)		Benzo(k)fluora...	1.503	1.058	1.043	1.271	1.231	1.219	1.194	1.200	1.215	11.70
34)	C	Benzo(a)pyrene	1.294	0.960	0.981	1.074	1.159	1.187	1.201	1.230	1.136	10.52

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35)	Dibenzo(a,h)an...	1.260	0.926	0.985	1.091	1.123	1.140	1.187	1.181	1.112	9.89
36)	Benzo(g,h,i)pe...	5.610	4.058	4.238	4.659	4.638	4.682	4.902	4.802	4.699	9.89

(#) = Out of Range