Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE080916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Aug 10 11:12:32 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE092242.D 0.2 =BE092235.D 0.4 =BE092236.D 0.8 =BE092237.D 1.6 =BE092238.D 3.2 =BE092239.D 5 =BE092240.D
10 =BE092241.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	0.870	0.664	0.683	0.607	0.598	0.544	0.585	0.553	0.638	16.54
3)		n-Nitrosodimet...	0.636	0.569	0.692	0.783	0.818	0.822	0.928	0.950	0.775	17.37
4)	S	2-Fluorophenol	1.113	0.972	0.995	1.010	1.073	1.080	1.238	1.268	1.094	10.01
5)	S	Phenol-d6	1.546	1.458	1.232	1.431	1.564	1.630	1.850	1.876	1.573	13.64
6)		bis(2-Chloroet...	1.117	1.097	1.150	1.329	1.330	1.301	1.445	1.428	1.275	10.74
7)	I	Naphthalene-d8	----------	ISTD	----------							
8)	S	Nitrobenzene-d5	0.379	0.378	0.298	0.323	0.336	0.340	0.384	0.385	0.353	9.35
9)		Naphthalene	1.317	1.146	1.117	1.101	1.088	1.024	1.118	1.059	1.121	7.84
10)		Hexachlorobuta...	0.191	0.168	0.161	0.156	0.157	0.147	0.160	0.155	0.162	8.08
11)		2-Methylnaphth...	0.742	0.687	0.686	0.695	0.696	0.665	0.728	0.700	0.700	3.50
12)	I	Acenaphthene-d10	----------	ISTD	----------							
13)	S	2,4,6-Tribromo...	0.133	0.114	0.116	0.128	0.154	0.162	0.191	0.200	0.150	21.93
14)	S	2-Fluorobiphenyl	1.759	1.532	1.499	1.518	1.558	1.444	1.555	1.497	1.545	6.07
15)		Acenaphthylene	9.452	8.298	8.287	8.458	8.733	8.161	9.039	8.748	8.647	5.07
16)		Acenaphthene	1.759	1.430	1.364	1.335	1.331	1.233	1.348	1.302	1.388	11.53
17)		Fluorene	1.856	1.644	1.638	1.653	1.703	1.569	1.709	1.646	1.677	5.02
18)	I	Phenanthrene-d10	----------	ISTD	----------							
19)		Hexachlorobenzene	0.264	0.204	0.198	0.189	0.184	0.172	0.197	0.179	0.198	14.35
20)		Pentachlorophenol	0.032	0.030	0.034	0.043	0.051	0.062			0.042	29.40
21)		Phenanthrene	1.615	1.286	1.246	1.209	1.265	1.159	1.333	1.232	1.293	10.82
22)		Anthracene	1.343	1.058	1.081	1.117	1.191	1.102	1.273	1.186	1.169	8.52
23)		Fluoranthene	5.657	4.891	4.870	4.845	5.077	4.896	5.710	5.152	5.137	6.89
24)	I	Chrysene-d12	----------	ISTD	----------							
25)		Pyrene	6.481	5.574	5.650	5.808	5.842	5.677	6.339	5.943	5.914	5.57
26)	S	Terphenyl-d14	0.935	0.767	0.782	0.798	0.876	0.823	0.910	0.870	0.845	7.28
27)		Benzo(a)anthra...	6.939	5.822	5.591	5.823	5.924	5.614	6.296	6.010	6.002	7.33
28)		Chrysene	7.163	5.348	5.637	5.447	5.291	5.027	5.280	5.172	5.546	12.22
29)		Bis(2-ethylhex...	0.696	0.512	0.628	0.627	0.770	0.904	0.989	1.035	0.770	24.50
30)		Indeno(1,2,3-c...	6.580	5.244	5.419	5.718	6.072	5.886	6.584	6.275	5.972	8.38
31)	I	Perylene-d12	----------	ISTD	----------							
32)		Benzo(b)fluora...	1.528	1.192	1.209	1.268	1.298	1.276	1.380	1.351	1.313	8.19

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33)		Benzo(k)fluora...	1.401	1.185	1.331	1.327	1.368	1.261	1.407	1.306	1.323	5.59
34)	C	Benzo(a)pyrene	1.351	1.180	1.133	1.200	1.237	1.181	1.339	1.281	1.238	6.39
35)		Dibenzo(a,h)an...	1.236	1.027	1.031	1.119	1.172	1.132	1.269	1.224	1.151	7.90
36)		Benzo(g,h,i)pe...	5.582	4.714	4.707	4.792	4.908	4.697	5.186	5.046	4.954	6.24

(#) = Out of Range