Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE082916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 29 18:19:23 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE092285.D 0.2 =BE092286.D 0.4 =BE092287.D 0.8 =BE092288.D 1.6 =BE092289.D 3.2 =BE092290.D 5 =BE092291.D
10 =BE092292.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	0.937	0.843	0.738	0.651	0.656	0.597	0.646	0.616	0.711	17.01
3)		n-Nitrosodimet...	0.763	0.594	0.646	0.741	0.828	0.870			0.740	14.24
4)	S	2-Fluorophenol	1.210	0.958	0.939	1.024	1.107	1.108	1.293	1.337	1.122	13.21
5)	S	Phenol-d6	1.620	1.427	1.168	1.352	1.460	1.513	1.805		1.478	13.63
6)		bis(2-Chloroet...	1.080	1.019	0.968	1.174	1.304	1.358			1.151	13.61
7)	I	Naphthalene-d8	----------	ISTD	----------							
8)	S	Nitrobenzene-d5	0.342	0.316	0.246	0.288	0.321	0.334	0.383	0.387	0.327	14.22
9)		Naphthalene	1.290	1.131	1.115	1.100	1.092	1.022	1.117	1.056	1.115	7.09
10)		Hexachlorobuta...	0.202	0.173	0.170	0.170	0.166	0.152	0.164	0.155	0.169	8.95
11)		2-Methylnaphth...	0.731	0.650	0.660	0.679	0.696	0.662	0.725	0.707	0.689	4.44
12)	I	Acenaphthene-d10	----------	ISTD	----------							
13)	S	2,4,6-Tribromo...	0.139	0.124	0.122	0.125	0.144	0.158			0.135	10.62
14)	S	2-Fluorobiphenyl	1.822	1.581	1.518	1.551	1.550	1.446	1.605	1.489	1.570	7.22
15)		Acenaphthylene	9.357	8.328	8.084	8.276	8.538	8.106	9.072	8.721	8.560	5.39
16)		Acenaphthene	1.771	1.459	1.360	1.330	1.348	1.248	1.370	1.288	1.397	11.69
17)		Fluorene	1.906	1.659	1.614	1.647	1.666	1.610	1.768	1.639	1.689	5.96
18)	I	Phenanthrene-d10	----------	ISTD	----------							
19)		Hexachlorobenzene	0.227	0.191	0.195	0.196	0.211	0.202	0.210	0.213	0.206	5.82
20)		Pentachlorophenol	0.044	0.033	0.036	0.039	0.048	0.064	0.081		0.049	35.11
21)		Phenanthrene	1.463	1.213	1.124	1.153	1.099	1.086	1.120	1.155	1.177	10.38
22)		Anthracene	1.174	1.016	1.009	1.012	1.064	1.053	1.121	1.195	1.080	6.86
23)		Fluoranthene	5.486	4.963	4.864	5.009	5.276	5.308	5.585	5.657	5.268	5.67
24)	I	Chrysene-d12	----------	ISTD	----------							
25)		Pyrene	5.167	4.447	4.377	4.489	4.554	4.259	4.637	5.086	4.627	7.11
26)	S	Terphenyl-d14	0.768	0.653	0.662	0.659	0.673	0.623	0.654	0.713	0.676	6.64
27)		Benzo(a)anthra...	7.284	4.451	4.447	4.778	5.019	4.779	5.064	5.542	5.171	17.88
28)		Chrysene	4.704	5.286	5.028	5.088	4.691	3.999	4.312	4.487	4.699	9.13
29)		Bis(2-ethylhex...	0.368	0.289	0.301	0.296	0.325	0.329	0.391		0.328	11.72
30)		Indeno(1,2,3-c...	4.706	4.319	4.408	4.746	4.910	4.678	4.986	5.434	4.773	7.32
31)	I	Perylene-d12	----------	ISTD	----------							
32)		Benzo(b)fluora...	1.145	1.098	1.178	1.101	1.203	1.165	1.330	1.261	1.185	6.68

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33)		Benzo(k)fluora...	1.469	1.274	1.260	1.348	1.368	1.278	1.407	1.342	1.343	5.37
34)	C	Benzo(a)pyrene	1.222	1.099	1.099	1.126	1.172	1.181	1.315	1.272	1.186	6.71
35)		Dibenzo(a,h)an...	0.905	0.864	0.912	1.011	1.099	1.095	1.232	1.199	1.040	13.36
36)		Benzo(g,h,i)pe...	4.672	4.241	4.330	4.545	4.706	4.598	5.126	4.997	4.652	6.47

(#) = Out of Range