Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE121916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Dec 19 16:16:32 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE092600.D 0.2 =BE092601.D 0.4 =BE092602.D 0.8 =BE092603.D 1.6 =BE092604.D 3.2 =BE092605.D 5 =BE092606.D
10 =BE092607.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	1.317	0.767	0.722	0.705	0.618	0.596	0.587	0.553	0.733	33.75
3)		n-Nitrosodimet...	0.225	0.410	0.472	0.626	0.692	0.778	0.841	0.860	0.613	36.90
4)	S	2-Fluorophenol	0.634	0.597	0.654	0.751	0.808	0.894	0.985		0.761	18.96
5)	S	Phenol-d6	0.907	0.760	0.858	1.073	1.160	1.394	1.479		1.090	24.99
6)		bis(2-Chloroet...	0.791	0.815	0.904	1.179	1.342	1.469	1.424		1.132	25.86
7)	I	Naphthalene-d8	----------ISTD----------									
8)	S	Nitrobenzene-d5	0.227	0.195	0.223	0.277	0.310	0.317	0.333	0.358	0.280	21.06
9)		Naphthalene	1.292	0.943	0.951	1.016	1.014	0.996	1.004	0.995	1.026	10.80
10)		Hexachlorobuta...	0.196	0.149	0.146	0.157	0.153	0.148	0.150	0.147	0.156	10.67
11)		2-Methylnaphth...	0.754	0.552	0.585	0.643	0.661	0.659	0.683	0.687	0.653	9.53
12)	I	Acenaphthene-d10	----------ISTD----------									
13)	S	2,4,6-Tribromo...	0.121	0.086	0.090	0.101	0.113	0.133	0.147		0.113	19.94
14)	S	2-Fluorobiphenyl	1.404	1.049	1.090	1.233	1.194	1.191	1.194	1.212	1.196	8.82
15)		Acenaphthylene	8.097	6.211	6.143	6.793	6.730	6.917	7.004	7.297	6.899	8.98
16)		Acenaphthene	1.499	1.100	1.054	1.112	1.082	1.075	1.079	1.090	1.137	12.98
17)		Fluorene	1.646	1.245	1.267	1.397	1.382	1.406	1.401	1.432	1.397	8.71
18)	I	Phenanthrene-d10	----------ISTD----------									
19)		Hexachlorobenzene	0.242	0.187	0.198	0.219	0.218	0.224	0.210	0.210	0.214	7.82
20)		Pentachlorophenol	0.045	0.022	0.025	0.032	0.038	0.055			0.036	33.99
21)		Phenanthrene	1.521	1.118	1.112	1.196	1.264	1.300	1.308	1.271	1.261	10.30
22)		Anthracene	1.242	0.975	0.976	1.080	1.142	1.240	1.263	1.297	1.152	11.21
23)		Fluoranthene	6.326	4.721	4.779	5.198	5.400	5.719	5.666	5.772	5.447	9.90
24)	I	Chrysene-d12	----------ISTD----------									
25)		Pyrene	5.139	3.836	3.870	4.237	4.418	4.388	4.471	4.869	4.403	10.15
26)	S	Terphenyl-d14	0.695	0.528	0.545	0.598	0.636	0.615	0.619	0.669	0.613	9.23
27)		Benzo(a)anthra...	5.409	4.207	3.846	4.380	4.433	4.500	4.422	4.721	4.490	10.00
28)		Chrysene	6.056	4.744	4.796	5.149	5.181	5.046	5.207	5.452	5.204	7.94
29)		Bis(2-ethylhex...	0.475	0.326	0.344	0.414	0.482	0.627	0.736		0.486	30.69
30)		Indeno(1,2,3-c...	4.943	3.964	4.037	4.615	4.803	4.869	5.044	5.344	4.702	10.23
31)	I	Perylene-d12	----------ISTD----------									
32)		Benzo(b)fluora...	1.281	0.957	1.007	1.191	1.129	1.176	1.203	1.254	1.150	9.93

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33)		Benzo(k)fluora...	1.600	1.102	1.117	1.205	1.319	1.298	1.330	1.284	1.282	12.17
34)	C	Benzo(a)pyrene	1.257	0.898	0.933	1.085	1.099	1.173	1.215	1.221	1.110	12.09
35)		Dibenzo(a,h)an...	1.155	0.845	0.886	1.028	1.073	1.120	1.159	1.169	1.054	11.98
36)		Benzo(g,h,i)pe...	5.217	3.838	3.974	4.443	4.493	4.609	4.734	4.811	4.515	9.89

(#) = Out of Range