Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE110816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Nov 08 16:27:22 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE092501.D 0.2 =BE092502.D 0.4 =BE092503.D 0.8 =BE092504.D 1.6 =BE092505.D 3.2 =BE092506.D 5 =BE092507.D
10 =BE092508.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	1.362	1.078	0.680	0.659	0.661	0.579	0.606	0.576	0.775	37.10
3)		n-Nitrosodimet...	1.471	0.733	0.788	0.804	0.842	0.815	0.883	0.904	0.905	25.97
4)	S	2-Fluorophenol	1.087	1.038	1.013	1.056	1.115	1.072	1.191	1.248	1.103	7.25
5)	S	Phenol-d6	1.337	1.303	1.288	1.317	1.453	1.490	1.662	1.916	1.471	14.96
6)		bis(2-Chloroet...	1.829	1.469	1.480	1.544	1.600	1.594	1.685	1.678	1.610	7.42
7)	I	Naphthalene-d8	----------ISTD----------									
8)	S	Nitrobenzene-d5	0.299	0.285	0.285	0.312	0.353	0.337	0.354	0.398	0.328	12.08
9)		Naphthalene	1.321	1.090	1.087	1.053	1.063	0.985	1.022	1.033	1.082	9.50
10)		Hexachlorobuta...	0.194	0.168	0.169	0.161	0.164	0.150	0.154	0.153	0.164	8.47
11)		2-Methylnaphth...	0.757	0.660	0.675	0.684	0.752	0.682	0.699	0.719	0.703	5.14
12)	I	Acenaphthene-d10	----------ISTD----------									
13)	S	2,4,6-Tribromo...	0.128	0.120	0.111	0.124	0.148	0.151	0.170	0.183	0.142	18.01
14)	S	2-Fluorobiphenyl	1.260	1.219	1.197	1.251	1.299	1.199	1.239	1.229	1.237	2.73
15)		Acenaphthylene	7.519	6.814	6.721	6.980	7.462	7.032	7.373	7.475	7.172	4.49
16)		Acenaphthene	1.421	1.200	1.123	1.117	1.161	1.055	1.107	1.088	1.159	9.89
17)		Fluorene	1.559	1.424	1.383	1.427	1.514	1.416	1.462	1.458	1.455	3.92
18)	I	Phenanthrene-d10	----------ISTD----------									
19)		Hexachlorobenzene	0.196	0.182	0.177	0.180	0.194	0.183	0.190	0.207	0.189	5.33
20)		Pentachlorophenol	0.060	0.049	0.047	0.050	0.058	0.062		0.055		11.80
21)		Phenanthrene	1.188	1.052	1.056	1.077	1.105	0.996	1.060	1.112	1.081	5.19
22)		Anthracene	1.089	1.021	1.016	1.013	1.045	0.967	1.063	1.174	1.048	5.98
23)		Fluoranthene	5.694	5.335	5.307	5.320	5.573	5.068	5.616	5.503	5.427	3.80
24)	I	Chrysene-d12	----------ISTD----------									
25)		Pyrene	4.359	3.828	3.773	4.092	4.348	3.961	4.193	4.221	4.097	5.47
26)	S	Terphenyl-d14	0.620	0.572	0.558	0.585	0.667	0.607	0.634	0.614	0.607	5.80
27)		Benzo(a)anthra...	6.148	5.162	4.657	4.893	5.189	4.650	4.940	4.905	5.068	9.46
28)		Chrysene	9.783	6.709	5.549	4.825	4.594	3.851	4.185	3.944	5.430	36.78
29)		Bis(2-ethylhex...	1.021	0.620	0.469	0.455	0.424	0.394	0.449	0.447	0.535	38.79
30)		Indeno(1,2,3-c...	6.926	5.701	5.593	5.487	5.496	4.905	5.250	4.889	5.531	11.57
31)	I	Perylene-d12	----------ISTD----------									
32)		Benzo(b)fluora...	3.823	2.466	1.959	1.638	1.381	1.261	1.300	1.251	1.885	47.23

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33)		Benzo(k)fluora...	4.189	2.526	1.941	1.562	1.541	1.343	1.357	1.322	1.972	49.88
34)	C	Benzo(a)pyrene	1.697	1.328	1.250	1.196	1.222	1.185	1.228	1.228	1.292	13.11
35)		Dibenzo(a,h)an...	1.453	1.183	1.187	1.188	1.188	1.141	1.196	1.193	1.216	7.99
36)		Benzo(g,h,i)pe...	6.045	4.887	4.868	4.902	4.923	4.663	4.892	4.896	5.009	8.52

(#) = Out of Range