Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE032817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Mar 28 14:58:05 2017
Response Via : Initial Calibration

Calibration Files
0.1 =BE092828.D 0.2 =BE092829.D 0.4 =BE092830.D 0.8 =BE092831.D 1.6 =BE092832.D 3.2 =BE092833.D 5 =BE092834.D
10 =BE092835.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	0.742	0.735	0.686	0.655	0.634	0.646	0.613	0.635	0.668	7.20
3)		n-Nitrosodimet...	0.699	0.650	0.642	0.655	0.678	0.727	0.701	0.772	0.691	6.38
4)	S	2-Fluorophenol	1.180	1.167	1.145	1.117	1.120	1.184	1.149	1.255	1.164	3.80
5)	S	Phenol-d6	1.681	1.663	1.598	1.606	1.636	1.787	1.746	1.950	1.708	6.88
6)		bis(2-Chloroet...	1.490	1.652	1.605	1.581	1.646	1.691	1.609	1.727	1.625	4.46
7)	I	Naphthalene-d8	----------ISTD----------									
8)	S	Nitrobenzene-d5	0.261	0.273	0.257	0.262	0.269	0.296	0.311	0.368	0.287	13.11
9)		Naphthalene	1.093	1.139	1.098	1.082	1.069	1.093	1.069	1.117	1.095	2.18
10)		Hexachlorobuta...	0.156	0.155	0.145	0.142	0.144	0.144	0.140	0.148	0.147	4.03
11)		2-Methylnaphth...	0.685	0.697	0.681	0.688	0.686	0.700	0.687	0.737	0.695	2.61
12)	I	Acenaphthene-d10	----------ISTD----------									
13)	S	2,4,6-Tribromo...		0.072	0.070	0.069	0.074	0.088	0.095		0.078	13.69
14)	S	2-Fluorobiphenyl	1.656	1.716	1.667	1.669	1.666	1.631	1.534	1.644	1.648	3.17
15)		Acenaphthylene	6.730	6.938	6.854	7.089	7.594	8.375	8.386	9.360	7.666	12.37
16)		Acenaphthene	1.375	1.386	1.320	1.331	1.365	1.389	1.328	1.441	1.367	2.96
17)		Fluorene	1.577	1.608	1.612	1.618	1.643	1.668	1.597	1.710	1.629	2.62
18)	I	Phenanthrene-d10	----------ISTD----------									
19)		Hexachlorobenzene	0.168	0.177	0.182	0.177	0.194	0.186	0.196	0.203	0.185	6.26
20)		Pentachlorophenol		0.043	0.041	0.041	0.045	0.056	0.062		0.048	18.39
21)		Phenanthrene	1.142	1.165	1.257	1.152	1.248	1.234	1.240	1.294	1.217	4.61
22)		Anthracene	0.906	1.016	1.024	1.029	1.105	1.185	1.221	1.359	1.106	13.00
23)		Fluoranthene	5.066	5.062	5.198	5.898	5.432	5.758	6.008	6.354	5.597	8.58
24)	I	Chrysene-d12	----------ISTD----------									
25)		Pyrene	4.666	4.853	4.634	4.818	5.072	5.214	4.993	5.528	4.972	6.00
26)	S	Terphenyl-d14	0.993	0.920	0.827	0.846	0.848	0.828	0.797	0.856	0.864	7.25
27)		Benzo(a)anthra...	1.196	1.187	1.080	1.141	1.164	1.234	1.162	1.313	1.185	5.78
28)		Chrysene	1.280	1.329	1.229	1.250	1.251	1.229	1.180	1.253	1.250	3.44
29)		Bis(2-ethylhex...	0.468	0.350	0.285	0.276	0.301	0.393	0.458		0.362	22.16
30)		Indeno(1,2,3-c...	4.654	4.769	4.386	4.520	4.724	4.750	4.657	5.155	4.702	4.76
31)	I	Perylene-d12	----------ISTD----------									
32)		Benzo(b)fluora...	1.266	1.366	1.286	1.206	1.336	1.418	1.346	1.424	1.331	5.65

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33)		Benzo(k)fluora...	1.153	1.102	1.122	1.249	1.196	1.188	1.215	1.309	1.192	5.69
34)	C	Benzo(a)pyrene	1.012	1.044	1.017	1.029	1.091	1.171	1.154	1.283	1.100	8.72
35)		Dibenzo(a,h)an...	1.109	1.140	1.103	1.119	1.181	1.221	1.190	1.295	1.170	5.64
36)		Benzo(g,h,i)pe...	4.834	4.891	4.723	4.719	4.812	4.894	4.772	5.163	4.851	2.94

(#) = Out of Range