Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE040816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Apr 08 16:48:14 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE091613.D 0.2 =BE091612.D 0.4 =BE091611.D 0.8 =BE091610.D 1.6 =BE091609.D 3.2 =BE091608.D 5 =BE091607.D
10 =BE091606.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	0.880	0.725	0.650	0.656	0.563	0.567	0.532	0.545	0.640	18.43
3)		n-Nitrosodimet...	0.640	0.674	0.713	0.824	0.773	0.826	0.813	0.873	0.767	10.76
4)	S	2-Fluorophenol	1.197	1.143	1.131	1.223	1.137	1.246	1.216	1.254	1.193	4.19
5)	S	Phenol-d6	1.494	1.405	1.449	1.605	1.533	1.700	1.724	1.817	1.591	9.16
6)		bis(2-Chloroet...	1.350	1.267	1.306	1.439	1.321	1.452	1.427	1.473	1.379	5.61
7)	I	Naphthalene-d8	----------	ISTD	----------							
8)	S	Nitrobenzene-d5	0.242	0.251	0.258	0.293	0.284	0.325	0.321	0.349	0.290	13.37
9)		Nitrobenzene	0.253	0.248	0.266	0.304	0.298	0.349	0.347	0.378	0.305	15.93
10)		Naphthalene	1.102	1.022	1.015	1.079	0.980	1.055	0.983	1.011	1.031	4.28
11)		Hexachlorobuta...	0.157	0.153	0.150	0.159	0.144	0.155	0.147	0.148	0.152	3.53
12)		2-Methylnaphth...	0.665	0.624	0.637	0.670	0.636	0.681	0.665	0.688	0.658	3.50
13)	I	Acenaphthene-d10	----------	ISTD	----------							
14)	S	2,4,6-Tribromo...	0.095	0.105	0.111	0.134	0.136	0.168	0.166	0.189	0.138	24.48
15)	S	2-Fluorobiphenyl	1.460	1.359	1.368	1.488	1.329	1.433	1.356	1.331	1.390	4.40
16)		Acenaphthylene	1.725	1.862	1.571	1.998	1.899	2.144	2.116	2.210	1.941	11.34
17)		Acenaphthene	1.265	1.173	1.181	1.301	1.169	1.268	1.227	1.229	1.227	4.02
18)		Fluorene	1.535	1.430	1.483	1.613	1.484	1.614	1.551	1.557	1.533	4.23
19)	I	Phenanthrene-d10	----------	ISTD	----------							
20)		4-Bromophenyl-...	0.172	0.169	0.170	0.183	0.175	0.195	0.184	0.163	0.176	5.81
21)		Hexachlorobenzene	0.197	0.176	0.181	0.197	0.178	0.190	0.184	0.161	0.183	6.63
22)		Pentachlorophenol	0.040	0.042	0.047	0.065	0.069	0.090	0.095	0.096	0.068	34.79
23)		Phenanthrene	1.225	1.134	1.135	1.203	1.086	1.172	1.110	1.067	1.141	4.84
24)		Anthracene	0.960	0.937	0.953	1.070	1.006	1.115	1.078	0.973	1.011	6.65
25)		Fluoranthene	1.146	1.102	1.121	1.293	1.207	1.351	1.288	1.153	1.208	7.65
26)	I	Chrysene-d12	----------	ISTD	----------							
27)		Benzidine	0.190	0.206	0.225	0.281	0.308	0.437	0.466	0.520	0.329	38.88
28)		Pyrene	0.942	0.960	0.920	1.049	0.928	1.082	1.012	1.106	1.000	7.28
29)	S	Terphenyl-d14	0.602	0.599	0.610	0.637	0.609	0.656	0.595	0.686	0.624	5.22
30)		Benzo(a)anthra...	1.147	1.073	1.070	1.153	1.066	1.200	1.065	1.176	1.119	5.01
31)		3,3'-Dichlorob...	0.469	0.501	0.497	0.628	0.578	0.781	0.732	0.605	0.599	18.80
32)		Chrysene	1.129	1.089	0.991	1.021	0.893	1.040	0.963	0.995	1.015	7.22
33)		Bis(2-ethylhex...	0.287	0.317	0.319	0.404	0.467	0.803	0.740	0.611	0.494	40.70

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34)		Indeno(1,2,3-c...	1.120	1.100	1.088	1.186	1.070	1.207	1.147	1.140	1.132	4.20
35)	I	Perylene-d12	----------ISTD----------									
36)		Benzo(b)fluora...	1.209	1.108	1.107	1.213	1.126	1.207	1.115	1.206	1.161	4.40
37)		Benzo(k)fluora...	1.134	1.111	1.092	1.188	1.094	1.229	1.176	1.135	1.145	4.24
38)	C	Benzo(a)pyrene	1.072	1.018	1.014	1.106	1.040	1.149	1.091	1.143	1.079	4.89
39)		Dibenzo(a,h)an...	1.068	1.002	1.009	1.097	1.018	1.120	1.073	1.110	1.062	4.41
40)		Benzo(g,h,i)pe...	1.111	1.051	1.060	1.132	1.042	1.139	1.083	1.137	1.094	3.69

(#) = Out of Range