Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_E\Methods\
Method File : 8270-SIM-BE040521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 06 03:03:09 2021
Response Via : Initial Calibration

Calibration Files
0.1 =BE101199.D 0.2 =BE101200.D 0.4 =BE101201.D 0.8 =BE101202.D 1.6 =BE101203.D 3.2 =BE101204.D 5.0 =BE101205.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5.0	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------						
2)		1,4-Dioxane	0.934	0.803	0.743	0.663	0.648	0.617	0.561	0.710	17.91
3)		n-Nitrosodimet...		0.714	0.733	0.721	0.743	0.737	0.688	0.723	2.79
4)	S	2-Fluorophenol	1.240	1.207	1.105	1.019	1.047	1.031	0.973	1.089	9.23
5)	S	Phenol-d6	1.727	1.711	1.603	1.488	1.573	1.600	1.536	1.605	5.44
6)		bis(2-Chloroet...	1.391	1.369	1.338	1.294	1.332	1.275	1.192	1.313	5.07
7)	I	Naphthalene-d8	----------	ISTD	----------						
8)	S	Nitrobenzene-d5	0.310	0.295	0.300	0.303	0.313	0.341	0.344	0.315	6.24
9)		Naphthalene	4.375	4.441	4.407	4.317	4.346	4.341	4.098	4.332	2.57
10)		Hexachlorobuta...	0.205	0.193	0.190	0.191	0.191	0.192	0.182	0.192	3.53
11)	SURR	2-Methylnaphth...	0.891	0.889	0.886	0.884	0.898	0.929	0.881	0.894	1.84
12)		2-Methylnaphth...	0.738	0.740	0.748	0.740	0.763	0.779	0.746	0.750	1.99
13)	I	Acenaphthene-d10	----------	ISTD	----------						
14)	S	2,4,6-Tribromo...	0.113	0.114	0.112	0.110	0.131	0.150	0.144	0.125	13.30
15)	S	2-Fluorobiphenyl	1.519	1.497	1.503	1.431	1.452	1.439	1.342	1.455	4.13
16)		Acenaphthylene	1.468	1.483	1.499	1.520	1.690	1.775	1.706	1.592	7.99
17)		Acenaphthene	1.155	1.156	1.151	1.123	1.187	1.213	1.156	1.163	2.49
18)		Fluorene	1.490	1.452	1.440	1.458	1.551	1.607	1.492	1.499	4.04
19)	I	Phenanthrene-d10	----------	ISTD	----------						
20)		4,6-Dinitro-2-...	0.036	0.035	0.039	0.045	0.057	0.071	0.079	0.052	34.20
21)		4-Bromophenyl-...	0.199	0.202	0.209	0.205	0.215	0.221	0.210	0.209	3.59
22)		Hexachlorobenzene	0.204	0.203	0.216	0.213	0.218	0.215	0.205	0.211	2.96
23)		Atrazine	0.135	0.140	0.145	0.146	0.171	0.196	0.193	0.161	16.07
24)		Pentachlorophenol		0.067	0.065	0.071	0.086	0.100	0.108	0.083	21.82
25)		Phenanthrene	1.195	1.162	1.202	1.176	1.199	1.208	1.140	1.183	2.11
26)		Anthracene	0.943	0.927	0.955	1.006	1.088	1.129	1.093	1.020	8.10
27)	SURR	Fluoranthene-d10	6.753	6.698	6.673	6.653	7.200	7.313	6.889	6.882	3.91
28)		Fluoranthene	1.410	1.432	1.475	1.481	1.597	1.624	1.519	1.505	5.33
29)	I	Chrysene-d12	----------	ISTD	----------						
30)		Pyrene	1.166	1.172	1.143	1.120	1.198	1.218	1.131	1.164	3.05
31)	S	Terphenyl-d14	0.899	0.905	0.932	0.867	0.919	0.928	0.868	0.903	2.97
32)		Benzo(a)anthra...	1.227	1.200	1.194	1.173	1.244	1.255	1.162	1.208	2.91
33)		Chrysene	1.357	1.392	1.359	1.293	1.358	1.337	1.217	1.330	4.36
34)		Bis(2-ethylhex...	1.757	1.282	1.142	1.227	1.473	1.738	1.822	1.492	18.90
35)		Indeno(1,2,3-c...	1.165	1.143	1.170	1.133	1.206	1.213	1.155	1.169	2.58

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36)	I	Perylene-d12	----------ISTD----------							
37)		Benzo(b)fluora...	1.173	1.211	1.189	1.210	1.274	1.304	1.227	1.227	3.80
38)		Benzo(k)fluora...	1.400	1.356	1.342	1.359	1.414	1.457	1.359	1.384	2.99
39)	C	Benzo(a)pyrene	0.955	0.977	1.069	1.086	1.161	1.203	1.154	1.086	8.68
40)		Dibenzo(a,h)an...	0.988	0.985	1.011	1.040	1.116	1.165	1.131	1.062	6.96
41)		Benzo(g,h,i)pe...	1.195	1.112	1.115	1.114	1.168	1.194	1.149	1.150	3.22

(#) = Out of Range