Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA E\METHODS\
Method File : 8270-SIM-BE102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 23 22:40:47 2017
Response Via : Initial Calibration

Calibration Files
0.1 =BE094495.D 0.2 =BE094496.D 0.4 =BE094497.D
0.8 =BE094498.D 1.6 =BE094499.D 3.2 =BE094500.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)		1,4-Dioxane	0.589	0.757	0.783	0.704	0.626	0.604	0.677	12.19
3)		n-Nitrosodimethyl	0.642	0.570	0.652	0.638	0.692	0.696	0.648	7.08
4)	S	2-Fluorophenol	1.312	1.320	1.372	1.411	1.403	1.404	1.370	3.23
5)	S	Phenol-d6	1.950	1.963	2.016	2.072	2.163	2.247	2.069	5.66
6)		bis(2-Chloroethyl	1.649	1.519	1.585	1.632	1.594	1.620	1.600	2.88
7)	I	Naphthalene-d8	----------	ISTD	----------					
8)	S	Nitrobenzene-d5	0.276	0.290	0.307	0.338	0.349	0.356	0.319	10.39
9)		Naphthalene	4.725	4.492	4.651	4.475	4.441	4.380	4.527	2.92
10)		Hexachlorobutadie	0.173	0.164	0.167	0.161	0.162	0.158	0.164	3.20
11)	SURR	2-Methylnaphthale	0.672	0.641	0.658	0.634	0.625	0.622	0.642	3.04
12)		2-Methylnaphthale	0.789	0.764	0.776	0.765	0.761	0.753	0.768	1.64
13)	I	Acenaphthene-d10	----------	ISTD	----------					
14)	S	2,4,6-Tribromophe	0.094	0.097	0.106	0.126	0.117	0.121	0.110	11.90
15)	S	2-Fluorobiphenyl	1.413	1.395	1.428	1.418	1.410	1.393	1.410	0.96
16)		Acenaphthylene	2.108	2.046	2.092	2.112	2.160	2.153	2.112	1.98
17)		Acenaphthene	1.403	1.356	1.376	1.358	1.334	1.310	1.356	2.36
18)		Fluorene	1.750	1.703	1.736	1.755	1.739	1.746	1.738	1.07
19)	I	Phenanthrene-d10	----------	ISTD	----------					
20)		4-Bromophenyl-phe	0.215	0.220	0.213	0.224	0.224	0.212	0.218	2.40
21)		Hexachlorobenzene	0.276	0.270	0.219	0.169	0.112	0.100	0.191	40.13
22)		Pentachlorophenol		0.026	0.024	0.027	0.021	0.023	0.024	8.83
23)		Phenanthrene	1.427	1.491	1.148	0.954	0.886	0.942	1.141	22.99
24)		Anthracene	1.262	1.140	1.200	1.141	1.157	1.153	1.176	4.08
25)	SURR	Fluoranthene-d10	5.251	5.611	5.355	4.833	3.705	3.300	4.676	20.35
26)		Fluoranthene	1.587	1.697	1.629	1.471	1.133	1.004	1.420	20.08
27)	I	Chrysene-d12	----------	ISTD	----------					
28)		Pyrene	1.428	1.428	1.372	1.403	1.390	1.374	1.399	1.79
29)	S	Terphenyl-d14	0.755	0.752	0.740	0.758	0.761	0.758	0.754	1.00
30)		Benzo(a)anthracen	1.317	1.332	1.301	1.266	1.295	1.304	1.302	1.72
31)		Chrysene	1.383	1.353	1.279	1.343	1.307	1.268	1.322	3.39
32)		Bis(2-ethylhexyl)	3.900	3.272	2.923	2.997	3.036	3.029	3.193	11.46
33)		Indeno(1,2,3-cd)p	1.226	1.261	1.202	1.214	1.219	1.210	1.222	1.70
34)	I	Perylene-d12	----------	ISTD	----------					
35)		Benzo(b)fluoranth	1.305	1.297	1.260	1.304	1.274	1.324	1.294	1.79
36)		Benzo(k)fluoranth	1.425	1.367	1.369	1.393	1.382	1.337	1.379	2.13
37)	C	Benzo(a)pyrene	1.245	1.255	1.253	1.268	1.255	1.256	1.255	0.60
38)		Dibenzo(a,h)anthr	1.143	1.116	1.102	1.131	1.135	1.137	1.127	1.36
39)		Benzo(g,h,i)peryl	1.083	1.054	1.042	1.058	1.044	1.050	1.055	1.41

(#) = Out of Range