Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA E\METHODS\
Method File : 8270-SIM-BE051517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon May 15 13:35:57 2017
Response Via : Initial Calibration

Calibration Files
0.1 =BE093025.D 0.2 =BE093026.D 0.4 =BE093027.D
0.8 =BE093028.D 1.6 =BE093029.D 3.2 =BE093030.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	1.027	0.871	0.687	0.782	0.755	0.735	0.810	15.17
3)		n-Nitrosodimethyl	0.714	0.704	0.633	0.771	0.766	0.757	0.724	7.28
4)	S	2-Fluorophenol	1.335	1.250	1.090	1.261	1.211	1.210	1.226	6.60
5)	S	Phenol-d6	1.747	1.594	1.451	1.723	1.713	1.707	1.656	6.85
6)		bis(2-Chloroethyl	1.385	1.352	1.184	1.414	1.380	1.377	1.349	6.17
7)	I	Naphthalene-d8	----------	ISTD	----------					
8)	S	Nitrobenzene-d5	0.356	0.344	0.302	0.358	0.362	0.378	0.350	7.45
9)		Naphthalene	1.134	1.083	0.945	1.076	1.050	1.035	1.054	6.01
10)		Hexachlorobutadie	0.144	0.146	0.122	0.142	0.139	0.137	0.138	6.35
11)	SURR	2-Methylnaphthale	0.582	0.596	0.524	0.611	0.604	0.600	0.586	5.45
12)		2-Methylnaphthale	0.659	0.650	0.577	0.688	0.673	0.674	0.653	6.06
13)	I	Acenaphthene-d10	----------	ISTD	----------					
14)	S	2,4,6-Tribromophe	0.097	0.118	0.102	0.127	0.130	0.137	0.118	13.60
15)	S	2-Fluorobiphenyl	1.654	1.684	1.476	1.709	1.725	1.624	1.645	5.52
16)		Acenaphthylene	6.558	6.728	5.946	7.201	7.729	7.925	7.015	10.68
17)		Acenaphthene	1.313	1.287	1.106	1.294	1.321	1.255	1.263	6.33
18)		Fluorene	1.536	1.542	1.363	1.604	1.632	1.595	1.545	6.27
19)	I	Phenanthrene-d10	----------	ISTD	----------					
20)		4-Bromophenyl-phe	0.146	0.135	0.099	0.126	0.123	0.117	0.124	12.90
21)		Hexachlorobenzene		0.212	0.130	0.170	0.163	0.141	0.163	19.45
22)		Pentachlorophenol		0.082	0.033	0.043	0.047	0.045	0.050	36.98
23)		Phenanthrene	1.212	1.026	0.676	0.810	0.773	0.703	0.867	24.19
24)		Anthracene	0.993	1.006	0.596	0.847	0.774	0.679	0.816	20.30
25)	SURR	Fluoranthene-d10	1.230	1.210	0.851	1.057	1.004	0.951	1.051	14.08
26)		Fluoranthene	5.682	5.505	3.885	5.114	4.796	4.548	4.922	13.43
27)	I	Chrysene-d12	----------	ISTD	----------					
28)		Pyrene	4.921	4.963	4.442	4.809	4.851	4.928	4.819	4.01
29)	S	Terphenyl-d14	0.732	0.721	0.682	0.762	0.784	0.800	0.747	5.85
30)		Benzo(a)anthracen	1.114	1.052	0.973	1.084	1.128	1.174	1.088	6.41
31)		Chrysene	1.249	1.169	1.034	1.183	1.168	1.177	1.163	6.05
32)		Bis(2-ethylhexyl)	0.983	0.610	0.441	0.508	0.578	0.641	0.627	30.13
33)		Indeno(1,2,3-cd)p	4.277	4.486	3.756	4.330	4.388	4.298	4.256	6.02
34)	I	Perylene-d12	----------	ISTD	----------					
35)		Benzo(b)fluoranth	1.287	1.225	1.082	1.292	1.312	1.383	1.264	8.12
36)		Benzo(k)fluoranth	1.311	1.270	1.118	1.293	1.300	1.316	1.268	5.94
37)	C	Benzo(a)pyrene	1.208	1.150	0.989	1.175	1.196	1.224	1.157	7.44
38)		Dibenzo(a,h)anthr	1.007	1.078	0.932	1.114	1.155	1.168	1.076	8.49
39)		Benzo(g,h,i)peryl	4.700	4.816	4.100	4.781	4.854	4.866	4.686	6.25

(#) = Out of Range