Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE050517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri May 05 14:05:07 2017
Response Via : Initial Calibration

Calibration Files
0.1 =BE092922.D 0.2 =BE092923.D 0.4 =BE092924.D
0.8 =BE092925.D 1.6 =BE092926.D 3.2 =BE092927.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	0.816	0.774	0.729	0.774	0.743	0.762	0.766	3.96
3)		n-Nitrosodimethyl	0.561	0.546	0.548	0.629	0.614	0.663	0.594	8.21
4)	S	2-Fluorophenol	0.958	0.868	0.809	0.890	0.884	0.950	0.893	6.15
5)	S	Phenol-d6	1.333	1.234	1.130	1.252	1.234	1.357	1.257	6.47
6)		bis(2-Chloroethyl	1.633	1.473	1.401	1.453	1.397	1.469	1.471	5.84
7)	I	Naphthalene-d8	----------	ISTD	----------					
8)	S	Nitrobenzene-d5	0.267	0.260	0.245	0.267	0.282	0.295	0.269	6.48
9)		Naphthalene	1.111	1.088	1.010	1.078	1.072	1.055	1.069	3.24
10)		Hexachlorobutadie	0.146	0.148	0.139	0.150	0.149	0.145	0.146	2.73
11)	SURR	2-Methylnaphthale	0.603	0.591	0.556	0.604	0.601	0.602	0.593	3.19
12)		2-Methylnaphthale	0.649	0.652	0.616	0.659	0.671	0.679	0.654	3.36
13)	I	Acenaphthene-d10	----------	ISTD	----------					
14)	S	2,4,6-Tribromophe	0.062	0.057	0.053	0.061	0.067	0.076	0.063	12.86
15)	S	2-Fluorobiphenyl	1.981	1.932	1.753	1.866	1.813	1.689	1.839	5.95
16)		Acenaphthylene	5.895	5.876	5.564	6.387	6.860	7.356	6.323	10.77
17)		Acenaphthene	1.287	1.259	1.170	1.299	1.304	1.257	1.263	3.92
18)		Fluorene	1.638	1.534	1.471	1.588	1.577	1.551	1.560	3.62
19)	I	Phenanthrene-d10	----------	ISTD	----------					
20)		Hexachlorobenzene	0.190	0.172	0.159	0.165	0.167	0.171	0.171	6.30
21)		Pentachlorophenol		0.027	0.027	0.033	0.036	0.041	0.033	18.72
22)		Phenanthrene	1.267	1.153	1.087	1.098	1.079	1.072	1.126	6.65
23)		Anthracene	0.885	0.813	0.823	0.835	0.883	0.906	0.858	4.52
24)	SURR	Fluoranthene-d10	0.961	0.894	0.880	0.911	0.953	0.965	0.927	3.99
25)		Fluoranthene	4.732	4.413	4.646	4.814	5.287	5.290	4.864	7.30
26)	I	Chrysene-d12	----------	ISTD	----------					
27)		Pyrene	5.204	5.650	4.973	5.022	5.019	5.085	5.159	4.91
28)	S	Terphenyl-d14	0.715	0.769	0.675	0.709	0.673	0.655	0.699	5.86
29)		Benzo(a)anthracen	0.914	0.941	0.858	0.954	0.971	0.999	0.940	5.22
30)		Chrysene	1.234	1.232	1.154	1.227	1.179	1.140	1.194	3.55
31)		Bis(2-ethylhexyl)	0.315	0.263	0.250	0.236	0.230	0.246	0.257	12.09
32)		Indeno(1,2,3-cd)p	4.177	4.387	4.110	4.684	4.353	4.150	4.310	4.98
33)	I	Perylene-d12	----------	ISTD	----------					
34)		Benzo(b)fluoranth	1.392	1.270	1.086	1.298	1.369	1.438	1.309	9.58
35)		Benzo(k)fluoranth	1.129	1.243	1.162	1.329	1.422	1.558	1.307	12.50
36)	C	Benzo(a)pyrene	1.025	1.021	0.874	1.144	1.123	1.230	1.069	11.60
37)		Dibenzo(a,h)anthr	1.114	1.127	0.992	1.267	1.331	1.397	1.205	12.68
38)		Benzo(g,h,i)peryl	5.138	5.011	4.260	5.163	5.473	5.638	5.114	9.36

(#) = Out of Range