Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-PAH-BE080216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 02 16:59:37 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE092106.D 0.2 =BE092107.D 0.4 =BE092108.D 0.8 =BE092109.D 1.6 =BE092110.D 3.2 =BE092111.D 5 =BE092112.D
10 =BE092113.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	0.833	0.783	0.705	0.696	0.646	0.575	0.623	0.581	0.680	13.62
3)		n-Nitrosodimet...	1.517	0.788	0.758	0.817	0.882	0.861	0.956	0.959	0.942	25.82
4)	S	2-Fluorophenol	1.670	1.234	1.135	1.187	1.225	1.173	1.323	1.326	1.284	13.24
5)	S	Phenol-d6		1.802	1.573	1.520	1.632	1.636	1.881	1.932	1.711	9.35
6)	I	Naphthalene-d8	----------	ISTD	----------							
7)	S	Nitrobenzene-d5	0.506	0.451	0.376	0.337	0.356	0.347	0.391	0.393	0.395	14.50
8)		Naphthalene	1.572	1.212	1.121	1.107	1.083	1.005	1.101	1.071	1.159	15.24
9)		2-Methylnaphth...	1.014	0.724	0.691	0.698	0.706	0.666	0.730	0.711	0.743	15.03
10)	I	Acenaphthene-d10	----------	ISTD	----------							
11)	S	2,4,6-Tribromo...		0.149	0.136	0.154	0.166	0.170	0.199		0.162	13.33
12)	S	2-Fluorobiphenyl	1.952	1.596	1.515	1.550	1.535	1.448	1.573	1.507	1.584	9.80
13)		Acenaphthylene	1.047	0.835	0.830	0.859	0.872	0.825	0.906	0.883	0.882 E1	8.22
14)		Acenaphthene	1.710	1.486	1.367	1.362	1.325	1.235	1.358	1.404	1.406	10.06
15)		Fluorene	2.409	1.745	1.681	1.721	1.719	1.587	1.739	1.663	1.783	14.47
16)	I	Phenanthrene-d10	----------	ISTD	----------							
17)		Hexachlorobenzene	0.296	0.244	0.247	0.249	0.228	0.225	0.236	0.232	0.245	9.23
18)		Pentachlorophenol		0.058	0.055	0.061	0.075	0.091			0.068	21.77
19)		Phenanthrene	1.996	1.455	1.389	1.378	1.371	1.318	1.439	1.339	1.460	15.13
20)		Anthracene	1.564	1.169	1.246	1.216	1.302	1.340	1.423	1.388	1.331	9.57
21)		Fluoranthene	7.575	5.913	5.875	5.869	5.772	5.757	6.200	5.964	6.116	9.90
22)	I	Chrysene-d12	----------	ISTD	----------							
23)		Pyrene	6.384	5.270	4.836	5.016	5.017	4.883	5.267	5.155	5.228	9.44
24)	S	Terphenyl-d14		0.733	0.657	0.707	0.714	0.692	0.772	0.751	0.718	5.31
25)		Benzo(a)anthra...	7.095	5.474	5.131	5.163	5.261	5.025	5.475	5.345	5.496	12.11
26)		Chrysene	7.328	5.601	5.223	5.389	5.248	4.967	5.216	5.070	5.505	13.82
27)		Indeno(1,2,3-c...	7.396	6.068	5.530	5.746	5.786	5.489	5.955	5.856	5.978	10.12
28)	I	Perylene-d12	----------	ISTD	----------							
29)		Benzo(b)fluora...	1.793	1.466	1.394	1.233	1.256	1.192	1.340	1.267	1.368	14.21
30)		Benzo(k)fluora...	1.892	1.255	1.190	1.347	1.349	1.259	1.362	1.298	1.369	16.02
31)	C	Benzo(a)pyrene	1.448	1.247	1.208	1.198	1.214	1.189	1.309	1.247	1.257	6.83
32)		Dibenzo(a,h)an...	1.407	1.164	1.132	1.144	1.183	1.126	1.248	1.193	1.200	7.73

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33)	Benzo(g,h,i)pe...	6.258	5.121	4.885	4.928	4.977	4.687	5.176	4.946	5.122	9.42

(#) = Out of Range