Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE090116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Sep 02 11:02:43 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BE092332.D 0.2 =BE092325.D 0.4 =BE092326.D 0.8 =BE092327.D 1.6 =BE092328.D 3.2 =BE092329.D 5 =BE092330.D
10 =BE092331.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	1.059	0.824	0.689	0.677	0.655	0.593	0.632	0.609	0.717	21.68
3)		n-Nitrosodimet...	0.567	0.749	0.693	0.767	0.849	0.838			0.744	14.05
4)	S	2-Fluorophenol	1.394	1.364	1.209	1.279	1.341	1.263	1.394	1.400	1.330	5.39
5)	S	Phenol-d6	1.864	1.972	1.444	1.651	1.809	1.817	2.065	2.113	1.842	11.92
6)		bis(2-Chloroet...	1.195	1.226	1.167	1.380	1.546	1.482	1.690	1.706	1.424	15.19
7)	I	Naphthalene-d8	----------ISTD----------									
8)	S	Nitrobenzene-d5	0.380	0.406	0.281	0.340	0.359	0.377	0.391	0.386	0.365	10.78
9)		Naphthalene	1.301	1.146	1.034	1.116	1.086	1.012	1.105	1.048	1.106	8.19
10)		Hexachlorobuta...	0.217	0.183	0.164	0.174	0.175	0.157	0.171	0.162	0.175	10.67
11)		2-Methylnaphth...	0.784	0.718	0.666	0.742	0.736	0.691	0.759	0.730	0.728	5.11
12)	I	Acenaphthene-d10	----------ISTD----------									
13)	S	2,4,6-Tribromo...	0.193	0.194	0.167	0.181	0.193	0.192	0.220	0.226	0.196	9.74
14)	S	2-Fluorobiphenyl	1.727	1.591	1.409	1.509	1.545	1.414	1.542	1.473	1.526	6.76
15)		Acenaphthylene	9.554	8.842	7.924	8.498	8.730	8.086	8.971	8.780	8.673	5.92
16)		Acenaphthene	1.736	1.523	1.300	1.337	1.335	1.237	1.350	1.332	1.394	11.49
17)		Fluorene	1.996	1.813	1.652	1.782	1.769	1.631	1.805	1.726	1.772	6.38
18)	I	Phenanthrene-d10	----------ISTD----------									
19)		Hexachlorobenzene	0.239	0.197	0.205	0.232	0.212	0.211	0.241	0.220	0.220	7.40
20)		Pentachlorophenol	0.055	0.054	0.055	0.064	0.069	0.086	0.110		0.070	29.69
21)		Phenanthrene	1.414	1.186	1.167	1.249	1.121	1.127	1.279	1.179	1.215	7.98
22)		Anthracene	1.244	1.087	1.082	1.160	1.123	1.163	1.359	1.230	1.181	7.89
23)		Fluoranthene	6.640	5.966	5.807	6.182	5.882	5.660	6.436	6.128	6.088	5.40
24)	I	Chrysene-d12	----------ISTD----------									
25)		Pyrene	4.831	4.872	4.322	4.468	4.483	4.200	4.596	4.716	4.561	5.22
26)	S	Terphenyl-d14	0.750	0.769	0.648	0.667	0.684	0.622	0.696	0.673	0.689	7.18
27)		Benzo(a)anthra...	6.403	5.840	5.239	5.364	5.529	5.161	5.521	5.324	5.548	7.30
28)		Chrysene	5.457	5.341	4.730	4.572	4.699	4.085	4.375	4.298	4.695	10.33
29)		Bis(2-ethylhex...	0.572	0.657	0.510	0.520	0.493	0.459	0.525		0.534	12.03
30)		Indeno(1,2,3-c...	5.959	6.096	5.271	5.399	5.486	4.960	5.371	5.292	5.479	6.82
31)	I	Perylene-d12	----------ISTD----------									
32)		Benzo(b)fluora...	1.629	1.420	1.154	1.278	1.335	1.258	1.414	1.312	1.350	10.49

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33)		Benzo(k)fluora...	1.456	1.284	1.310	1.343	1.330	1.242	1.307	1.265	1.317	4.93
34)	C	Benzo(a)pyrene	1.476	1.302	1.176	1.254	1.261	1.214	1.311	1.262	1.282	6.99
35)		Dibenzo(a,h)an...	1.329	1.215	1.101	1.192	1.223	1.147	1.264	1.216	1.211	5.71
36)		Benzo(g,h,i)pe...	5.669	5.098	4.644	4.904	5.033	4.689	5.086	4.922	5.006	6.33

(#) = Out of Range