Response Factor Report GC/MS Ins

Method Path : Z:\HPCHEM1\BNA_E\METHODS\
Method File : 8270-SIM-BE040417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 04 16:35:54 2017
Response Via : Initial Calibration

Calibration Files
0.1 =BE092878.D 0.2 =BE092879.D 0.4 =BE092880.D 0.8 =BE092881.D 1.6 =BE092882.D 3.2 =BE092883.D 5 =BE092884.D
10 =BE092885.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	0.843	0.741	0.675	0.637	0.632	0.625	0.597	0.616	0.671	12.30
3)		n-Nitrosodimet...	0.637	0.637	0.632	0.660	0.674	0.702	0.692	0.749	0.673	6.02
4)	S	2-Fluorophenol	1.062	0.974	0.924	0.934	0.954	1.015	1.032	1.162	1.007	7.86
5)	S	Phenol-d6	1.448	1.324	1.274	1.330	1.398	1.524	1.535	1.728	1.445	10.25
6)		bis(2-Chloroet...	1.609	1.621	1.585	1.597	1.590	1.683	1.602	1.686	1.622	2.49
7)	I	Naphthalene-d8	----------	ISTD	----------							
8)	S	Nitrobenzene-d5	0.264	0.263	0.257	0.262	0.274	0.297	0.313	0.362	0.287	12.59
9)		Naphthalene	1.118	1.151	1.108	1.102	1.083	1.100	1.062	1.103	1.103	2.32
10)		Hexachlorobuta...	0.160	0.150	0.149	0.149	0.143	0.148	0.143	0.149	0.149	3.51
11)		2-Methylnaphth...	0.666	0.676	0.667	0.674	0.677	0.702	0.679	0.728	0.684	3.07
12)	I	Acenaphthene-d10	----------	ISTD	----------							
13)	S	2,4,6-Tribromo...	0.066	0.059	0.054	0.060	0.066	0.079			0.064	13.46
14)	S	2-Fluorobiphenyl	1.715	1.751	1.724	1.702	1.682	1.673	1.571	1.690	1.689	3.18
15)		Acenaphthylene	6.126	6.218	6.279	6.735	7.422	8.347	8.368		7.071	13.90
16)		Acenaphthene	1.586	1.519	1.414	1.408	1.391	1.437	1.380	1.483	1.452	4.91
17)		Fluorene	1.519	1.571	1.535	1.581	1.608	1.684	1.608	1.745	1.606	4.70
18)	I	Phenanthrene-d10	----------	ISTD	----------							
19)		Hexachlorobenzene	0.199	0.189	0.189	0.185	0.185	0.182	0.187	0.204	0.190	3.97
20)		Pentachlorophenol		0.027	0.033	0.034	0.040	0.043			0.036	17.58
21)		Phenanthrene	1.402	1.399	1.289	1.291	1.352	1.278	1.290	1.375	1.335	3.99
22)		Anthracene	1.010	0.976	0.964	1.040	1.109	1.113	1.190	1.315	1.090	10.92
23)		Fluoranthene	4.588	4.535	4.579	4.711	4.830	5.047	5.079	5.720	4.886	8.11
24)	I	Chrysene-d12	----------	ISTD	----------							
25)		Pyrene	4.229	4.059	4.165	4.353	4.499	4.677	4.612	5.123	4.464	7.68
26)	S	Terphenyl-d14	0.728	0.710	0.736	0.770	0.790	0.820	0.770	0.824	0.768	5.45
27)		Benzo(a)anthra...	1.159	0.955	0.924	0.993	1.084	1.137	1.136	1.246	1.079	10.38
28)		Chrysene	1.139	1.279	1.310	1.314	1.275	1.257	1.187	1.255	1.252	4.82
29)		Bis(2-ethylhex...	0.353	0.256	0.203	0.200	0.231	0.317			0.260	24.05
30)		Indeno(1,2,3-c...	3.731	4.057	4.050	4.063	4.067	4.258	4.241	4.907	4.172	8.09
31)	I	Perylene-d12	----------	ISTD	----------							
32)		Benzo(b)fluora...	1.107	1.150	1.152	1.217	1.236	1.331	1.294	1.400	1.236	8.13

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33)	Benzo(k)fluora...	0.940	0.982	0.994	1.043	1.154	1.272	1.230	1.336	1.119	13.35
34) C	Benzo(a)pyrene	0.850	0.875	0.840	0.937	0.980	1.114	1.130		0.961	12.53
35)	Dibenzo(a,h)an...	0.922	1.025	1.005	1.081	1.104	1.201	1.176	1.302	1.102	11.02
36)	Benzo(g,h,i)pe...	4.028	4.346	4.246	4.285	4.454	4.820	4.668	5.185	4.504	8.22

(#) = Out of Range