Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
Method File : 8270-SIM-BM022916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Mar 01 00:52:28 2016
Response Via : Initial Calibration

Calibration Files
0.1 =BM004475.D 0.2 =BM004476.D 0.5 =BM004477.D 0.8 =BM004478.D 1 =BM004479.D 2 =BM004480.D 5 =BM004481.D
10 =BM004482.D

		Compound	0.1	0.2	0.5	0.8	1	2	5	10	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane	1.056	0.682	0.558	0.510	0.491	0.464	0.445	0.431	0.580	35.96
3)		n-Nitrosodimet...	0.518	0.549	0.505	0.482	0.475	0.495	0.525	0.514	0.508	4.74
4)	S	2-Fluorophenol	1.183	1.168	1.196	1.187	1.086	1.125	1.159	1.190	1.162	3.29
5)	S	Phenol-d6	1.172	1.172	1.300	1.352	1.244	1.334	1.434	1.498	1.313	8.88
6)		bis(2-Chloroet...	1.333	1.351	1.360	1.387	1.340	1.407	1.456	1.476	1.389	3.88
7)	I	Naphthalene-d8	----------ISTD----------									
8)	S	Nitrobenzene-d5	0.240	0.237	0.253	0.251	0.241	0.257	0.272	0.285	0.254	6.61
9)		Nitrobenzene	0.324	0.303	0.335	0.335	0.329	0.350	0.378	0.396	0.344	8.79
10)		Naphthalene	2.308	1.761	1.552	1.444	1.372	1.378	1.376	1.386	1.572	20.75
11)		Hexachlorobuta...	0.239	0.233	0.241	0.233	0.226	0.224	0.222	0.225	0.230	3.12
12)		2-Methylnaphth...	0.858	0.849	0.883	0.862	0.830	0.870	0.895	0.900	0.869	2.73
13)	I	Acenaphthene-d10	----------ISTD----------									
14)	S	2,4,6-Tribromo...	0.204	0.197	0.212	0.193	0.171	0.170	0.186	0.203	0.192	7.91
15)	S	2-Fluorobiphenyl	1.562	1.568	1.655	1.514	1.451	1.442	1.544	1.514	1.531	4.47
16)		Acenaphthylene	2.786	2.701	2.875	2.694	2.711	2.895	3.057	3.167	2.861	6.12
17)		Acenaphthene	2.117	1.983	2.054	1.831	1.674	1.615	1.869	1.829	1.872	9.35
18)		Fluorene	2.376	2.234	2.416	2.286	2.152	2.082	2.402	2.335	2.285	5.31
19)	I	Phenanthrene-d10	----------ISTD----------									
20)		4-Bromophenyl-...	0.347	0.335	0.344	0.265	0.210	0.206	0.248	0.237	0.274	21.76
21)		Hexachlorobenzene	0.360	0.330	0.384	0.318	0.240	0.224	0.319	0.290	0.308	17.87
22)		Pentachlorophenol	0.176	0.061	0.069	0.052	0.042	0.051	0.066	0.080	0.074	57.36
23)		Phenanthrene	2.194	1.987	2.077	1.730	1.384	1.283	1.799	1.643	1.762	18.27
24)		Anthracene	1.731	1.615	1.658	1.374	1.303	1.284	1.459	1.456	1.485	11.22
25)		Fluoranthene	2.135	2.048	2.167	1.880	1.612	1.598	1.856	1.832	1.891	11.47
26)	I	Chrysene-d12	----------ISTD----------									
27)		Benzidine	0.491	0.549	0.350	0.418	0.421	0.507	0.746	0.797	0.535	29.71
28)		Pyrene	1.882	1.981	2.042	1.903	1.719	1.802	2.257	2.226	1.977	9.68
29)	S	Terphenyl-d14	0.595	0.648	0.672	0.616	0.562	0.576	0.741	0.738	0.643	10.79
30)		Benzo(a)anthra...	2.121	1.862	1.792	1.844	1.642	1.866	1.797	1.834	1.845	7.19
31)		3,3'-Dichlorob...	1.228	1.384	1.110	0.977	0.884	0.931	1.223	1.210	1.118	15.58
32)		Chrysene	1.059	0.591	0.332	0.239	0.215	0.156	0.210	0.203	0.376 E1	82.04
33)		Bis(2-ethylhex...	1.827	1.403	1.229	1.466	1.497	1.425	1.333	1.279	1.432	12.83

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34)		Indeno(1,2,3-c...	1.597	1.693	1.746	1.634	1.534	1.594	1.935	1.960	1.712	9.32
35)	I	Perylene-d12	----------ISTD----------									
36)		Benzo(b)fluora...	2.068	2.126	1.805	1.755	1.938	1.857	1.991	2.052	1.949	6.84
37)		Benzo(k)fluora...	2.086	1.796	2.002	1.945	1.822	1.854	1.967	1.889	1.920	5.11
38)	C	Benzo(a)pyrene	1.714	1.666	1.824	1.768	1.721	1.773	1.805	1.820	1.761	3.22
39)		Dibenzo(a,h)an...	1.499	1.468	1.527	1.515	1.472	1.544	1.603	1.633	1.533	3.86
40)		Benzo(g,h,i)pe...	1.738	1.641	1.703	1.659	1.623	1.667	1.700	1.731	1.683	2.47

(#) = Out of Range