Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
Method File : SOM01.2-EPA-BM012815.M
Title : SVOA CALIBRATION
Last Update : Thu Jan 29 06:06:15 2015
Response Via : Initial Calibration

Calibration Files
5 =BM000306.D 10 =BM000307.D 20 =BM000359.D
40 =BM000309.D 80 =BM000310.D

		Compound	5	10	20	40	80	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
2)		1,4-Dioxane	0.698	0.666	0.445	0.590	0.535	0.587	17.34
3)	S	1,4-Dioxane-d8	0.440	0.530	0.311	0.445	0.417	0.429	18.38
4)		Benzaldehyde	1.437	1.462	0.969	1.270	0.865	1.200	22.63
5)	S	Phenol-d5	1.470	1.633	1.228	1.808	1.828	1.593	15.71
6)		Phenol	1.532	1.731	1.301	1.909	1.910	1.677	15.58
7)	S	Bis-(2-Chloroethyl)	1.152	1.194	0.841	1.198	1.126	1.102	13.53
8)		Bis(2-Chloroethyl)e	1.402	1.452	1.072	1.463	1.432	1.364	12.08
9)	S	2-Chlorophenol-d4	1.074	1.101	1.047	1.299	1.321	1.169	11.19
10)		2-Chlorophenol	1.089	1.227	1.096	1.365	1.372	1.230	11.23
11)		2-Methylphenol	1.129	1.273	1.011	1.413	1.425	1.250	14.40
12)		2,2'-oxybis(1-Chlor	2.511	2.661	2.135	2.608	2.469	2.477	8.29
13)	S	4-Methylphenol-d8	1.082	1.241	1.007	1.429	1.415	1.235	15.45
14)		Acetophenone	2.440	2.638	1.858	2.619	2.545	2.420	13.38
15)	P	N-Nitroso-di-n-prop	1.188	1.331	0.819	1.405	1.333	1.215	19.33
16)		4-Methylphenol	1.265	1.404	1.055	1.565	1.548	1.367	15.55
17)		Hexachloroethane	0.655	0.667	0.526	0.673	0.654	0.635	9.68
18)	I	Naphthalene-d8	----------ISTD----------						
19)	S	Nitrobenzene-d5	0.146	0.140	0.113	0.158	0.157	0.143	12.69
20)		Nitrobenzene	0.458	0.488	0.360	0.497	0.497	0.460	12.66
21)		Isophorone	0.760	0.837	0.597	0.878	0.856	0.785	14.53
22)	S	2-Nitrophenol-d4	0.113	0.127	0.106	0.157	0.163	0.133	19.20
23)	C	2-Nitrophenol	0.122	0.141	0.125	0.174	0.174	0.147	17.22
24)		2,4-Dimethylphenol	0.366	0.418	0.353	0.456	0.452	0.409	11.65
25)		Bis(2-Chloroethoxy)	0.434	0.457	0.340	0.460	0.450	0.428	11.73
26)	S	2,4-Dichlorophenol-	0.254	0.288	0.281	0.329	0.333	0.297	11.34
27)	C	2,4-Dichlorophenol	0.262	0.293	0.282	0.325	0.332	0.299	9.90
28)		Naphthalene	1.004	1.013	0.999	1.034	1.012	1.013	1.33
29)	S	4-Chloroaniline-d4	0.330	0.389	0.363	0.396	0.337	0.363	8.22
30)		4-Chloroaniline	0.356	0.409	0.376	0.419	0.356	0.383	7.74
31)	C	Hexachlorobutadiene	0.236	0.246	0.261	0.245	0.241	0.246	3.81
32)		Caprolactam	0.078	0.079	0.060	0.100	0.101	0.084	20.38
33)	C	4-Chloro-3-methylph	0.332	0.367	0.306	0.411	0.415	0.366	13.02
34)		2-Methylnaphthalene	0.765	0.791	0.724	0.801	0.782	0.773	3.89
35)	I	Acenaphthene-d10	----------ISTD----------						
36)		1,2,4,5-Tetrachloro	0.550	0.582	0.644	0.584	0.565	0.585	6.11
37)		Hexachlorocyclopent	0.309	0.351	0.329	0.402	0.403	0.359	11.89
38)	C	2,4,6-Trichlorophen	0.262	0.300	0.327	0.361	0.369	0.324	13.62
39)		2,4,5-Trichlorophen	0.309	0.359	0.364	0.402	0.405	0.368	10.57
40)		1,1'-Biphenyl	1.397	1.430	1.487	1.459	1.422	1.439	2.41
41)		2-Chloronaphthalene	1.077	1.100	1.169	1.135	1.110	1.118	3.15
42)		2-Nitroaniline		0.307	0.241	0.435	0.451	0.359	28.27
43)	S	Dimethylphthalate-d	1.313	1.415	1.330	1.503	1.478	1.408	6.06
44)		Dimethylphthalate	1.417	1.479	1.367	1.516	1.465	1.449	4.02
45)		2,6-Dinitrotoluene	0.207	0.248	0.220	0.302	0.307	0.257	17.90
46)	S	Acenaphthylene-d8	1.636	1.738	1.743	1.820	1.779	1.743	3.91
47)		Acenaphthylene	1.768	1.855	1.839	1.894	1.841	1.839	2.47
48)		3-Nitroaniline		0.258	0.222	0.294	0.275	0.262	11.79
49)	C	Acenaphthene	1.169	1.200	1.182	1.236	1.204	1.198	2.13
50)		2,4-Dinitrophenol		0.110	0.087	0.156	0.173	0.131	30.15
51)	S	4-Nitrophenol-d4		0.207	0.169	0.251	0.256	0.221	18.57

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		Compound	5	10	20	40	80	Avg	%RSD
52)		4-Nitrophenol		0.342	0.277	0.424	0.417	0.365	19.05
53)		Dibenzofuran	1.750	1.812	1.755	1.800	1.713	1.766	2.29
54)		2,4-Dinitrotoluene	0.357	0.418	0.337	0.471	0.460	0.409	14.68
55)		2,3,4,6-Tetrachloro	0.249	0.289	0.293	0.360	0.358	0.310	15.54
56)		Diethylphthalate	1.380	1.502	1.340	1.628	1.610	1.492	8.75
57)	S	Fluorene-d10	1.255	1.299	1.254	1.310	1.265	1.277	2.05
58)		Fluorene	1.477	1.493	1.393	1.494	1.447	1.461	2.90
59)		4-Chlorophenyl-phen	0.747	0.765	0.751	0.732	0.720	0.743	2.33
60)		4-Nitroaniline		0.296	0.238	0.328	0.320	0.295	13.85
61)	I	Phenanthrene-d10	----------ISTD----------						
62)	S	4,6-Dinitro-2-methy		0.089	0.077	0.109	0.122	0.099	20.25
63)		4,6-Dinitro-2-methy		0.094	0.079	0.113	0.123	0.102	19.22
64)		N-Nitrosodiphenylam	0.526	0.552	0.558	0.574	0.582	0.559	3.90
65)		4-Bromophenyl-pheny	0.198	0.213	0.215	0.214	0.216	0.211	3.50
66)		Hexachlorobenzene	0.246	0.256	0.244	0.251	0.247	0.249	1.84
67)		Atrazine	0.150	0.190	0.200	0.218	0.219	0.196	14.47
68)	C	Pentachlorophenol		0.099	0.103	0.138	0.149	0.122	20.36
69)		Phenanthrene	1.101	1.137	1.086	1.113	1.112	1.110	1.67
70)	S	Anthracene-d10	0.916	0.955	0.924	0.955	0.949	0.940	1.95
71)		Anthracene	1.109	1.174	1.096	1.146	1.138	1.133	2.74
72)		Carbazole	0.920	0.990	0.916	1.023	1.013	0.972	5.23
73)		Di-n-butylphthalate	0.874	1.021	0.851	1.231	1.247	1.045	18.09
74)	C	Fluoranthene	1.254	1.327	1.254	1.345	1.309	1.298	3.22
75)	I	Chrysene-d12	----------ISTD----------						
76)	S	Pyrene-d10	0.800	0.855	0.936	0.930	0.944	0.893	7.06
77)		Pyrene	1.094	1.173	1.240	1.221	1.196	1.185	4.78
78)		Butylbenzylphthalat	0.240	0.284	0.250	0.439	0.501	0.343	34.78
79)		3,3'-Dichlorobenzid	0.199	0.269	0.318	0.325	0.337	0.290	19.64
80)		Benzo(a)anthracene	1.119	1.187	1.150	1.180	1.175	1.162	2.42
81)		Bis(2-ethylhexyl)ph	0.381	0.452	0.371	0.661	0.736	0.520	32.23
82)		Chrysene	1.056	1.138	1.078	1.110	1.085	1.094	2.91
83)	I	Perylene-d12	----------ISTD----------						
84)		Di-n-octyl phthalat	0.684	0.841	0.742	1.244	1.384	0.979	32.16
85)		Benzo(b)fluoranthen	1.111	1.193	1.247	1.269	1.245	1.213	5.22
86)		Benzo(k)fluoranthen	1.116	1.159	1.207	1.195	1.229	1.181	3.78
87)	S	Benzo(a)pyrene-d12	0.835	0.892	0.923	0.942	0.947	0.908	5.10
88)	C	Benzo(a)pyrene	1.081	1.154	1.176	1.169	1.166	1.149	3.39
89)		Indeno(1,2,3-cd)pyr	1.235	1.292	1.312	1.245	1.194	1.255	3.74
90)		Dibenzo(a,h)anthrac	1.039	1.086	1.090	1.041	1.000	1.051	3.57
91)		Benzo(g,h,i)perylen	1.037	1.075	1.100	1.028	0.974	1.043	4.63

(#) = Out of Range