Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
Method File : SOM01.2-EPA-MA-BM022015.M
Title : SVOA CALIBRATION
Last Update : Sat Feb 21 00:39:15 2015
Response Via : Initial Calibration

Calibration Files
5 =BM000554.D 10 =BM000555.D 20 =BM000556.D
40 =BM000557.D 80 =BM000558.D

		Compound	5	10	20	40	80	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
2)		Benzaldehyde	0.975	0.770	0.826	0.842	0.728	0.828	11.30
3)	S	Phenol-d5	1.646	1.290	1.353	1.518	1.474	1.456	9.62
4)		Phenol	1.648	1.295	1.366	1.469	1.476	1.451	9.19
5)	S	Bis-(2-Chloroethyl)	1.046	0.786	0.796	0.844	0.829	0.860	12.39
6)		Bis(2-Chloroethyl)e	1.363	1.056	1.056	1.121	1.080	1.135	11.45
7)	S	2-Chlorophenol-d4	1.405	1.087	1.149	1.281	1.270	1.239	10.03
8)		2-Chlorophenol	1.459	1.118	1.164	1.266	1.253	1.252	10.48
9)		2-Methylphenol	1.336	1.067	1.112	1.207	1.183	1.181	8.74
10)		2,2'-oxybis(1-Chlor	3.014	2.272	2.282	2.356	2.264	2.438	13.31
11)	S	4-Methylphenol-d8	1.378	1.103	1.198	1.267	1.224	1.234	8.14
12)		Acetophenone	2.348	1.804	1.840	1.927	1.853	1.954	11.49
13)	P	N-Nitroso-di-n-prop	1.104	0.857	0.909	0.951	0.916	0.947	9.89
14)		4-Methylphenol	1.505	1.186	1.237	1.308	1.253	1.298	9.51
15)		Hexachloroethane	0.615	0.491	0.495	0.540	0.518	0.532	9.55
16)	I	Naphthalene-d8	----------ISTD----------						
17)	S	Nitrobenzene-d5	0.144	0.118	0.127	0.141	0.140	0.134	8.17
18)		Nitrobenzene	0.375	0.314	0.330	0.346	0.344	0.342	6.64
19)		Isophorone	0.663	0.535	0.579	0.607	0.595	0.596	7.82
20)	S	2-Nitrophenol-d4	0.161	0.140	0.149	0.162	0.164	0.155	6.77
21)	C	2-Nitrophenol	0.178	0.149	0.157	0.168	0.164	0.163	6.93
22)		2,4-Dimethylphenol	0.442	0.349	0.362	0.368	0.364	0.377	9.88
23)		Bis(2-Chloroethoxy)	0.433	0.346	0.355	0.359	0.353	0.369	9.77
24)	S	2,4-Dichlorophenol-	0.377	0.297	0.319	0.328	0.326	0.329	8.85
25)	C	2,4-Dichlorophenol	0.362	0.292	0.306	0.315	0.308	0.317	8.41
26)		Naphthalene	1.273	0.974	0.964	0.981	0.957	1.030	13.21
27)	S	4-Chloroaniline-d4	0.291	0.241	0.313	0.328	0.296	0.294	11.18
28)		4-Chloroaniline	0.294	0.236	0.302	0.317	0.286	0.287	10.70
29)	C	Hexachlorobutadiene	0.265	0.211	0.214	0.219	0.219	0.226	9.86
30)		Caprolactam	0.073	0.068	0.077	0.079	0.075	0.074	5.73
31)	C	4-Chloro-3-methylph	0.393	0.316	0.336	0.332	0.316	0.339	9.41
32)		2-Methylnaphthalene	0.959	0.727	0.725	0.723	0.694	0.766	14.25
33)	I	Acenaphthene-d10	----------ISTD----------						
34)		1,2,4,5-Tetrachloro	0.786	0.580	0.595	0.623	0.638	0.644	12.81
35)		Hexachlorocyclopent	0.394	0.333	0.361	0.398	0.438	0.385	10.36
36)	C	2,4,6-Trichlorophen	0.446	0.359	0.384	0.395	0.410	0.399	8.15
37)		2,4,5-Trichlorophen	0.486	0.388	0.408	0.424	0.431	0.427	8.60
38)		1,1'-Biphenyl	2.008	1.485	1.503	1.561	1.565	1.624	13.39
39)		2-Chloronaphthalene	1.506	1.146	1.152	1.211	1.201	1.243	12.05
40)		2-Nitroaniline		0.273	0.315	0.342	0.345	0.319	10.48
41)	S	Dimethylphthalate-d	1.706	1.374	1.412	1.397	1.349	1.448	10.12
42)		Dimethylphthalate	1.848	1.471	1.458	1.446	1.389	1.522	12.12
43)		2,6-Dinitrotoluene	0.287	0.253	0.284	0.294	0.292	0.282	5.96
44)	S	Acenaphthylene-d8	2.297	1.804	1.850	1.890	1.856	1.939	10.43
45)		Acenaphthylene	2.360	1.863	1.886	1.919	1.885	1.983	10.69
46)		3-Nitroaniline		0.191	0.226	0.239	0.222	0.220	9.23
47)	C	Acenaphthene	1.600	1.235	1.237	1.241	1.221	1.307	12.56
48)		2,4-Dinitrophenol		0.120	0.147	0.174	0.182	0.156	18.01
49)	S	4-Nitrophenol-d4		0.210	0.237	0.242	0.237	0.231	6.23
50)		4-Nitrophenol		0.235	0.253	0.253	0.242	0.246	3.68
51)		Dibenzofuran	2.353	1.837	1.819	1.806	1.764	1.916	12.84

Method Path : Z:\HPCHEM1\BNA_M\METHODS\
Method File : SOM01.2-EPA-MA-BM022015.M
Title : SVOA CALIBRATION
Last Update : Sat Feb 21 00:39:15 2015
Response Via : Initial Calibration

Calibration Files
5 =BM000554.D 10 =BM000555.D 20 =BM000556.D
40 =BM000557.D 80 =BM000558.D

		Compound	5	10	20	40	80	Avg	%RSD
52)		2,4-Dinitrotoluene	0.464	0.409	0.425	0.420	0.402	0.424	5.65
53)		2,3,4,6-Tetrachloro	0.406	0.341	0.364	0.359	0.351	0.364	6.90
54)		Diethylphthalate	1.728	1.440	1.498	1.443	1.364	1.495	9.30
55)	S	Fluorene-d10	1.760	1.372	1.350	1.324	1.268	1.415	13.93
56)		Fluorene	1.887	1.506	1.482	1.468	1.387	1.546	12.66
57)		4-Chlorophenyl-phen	0.979	0.797	0.759	0.746	0.709	0.798	13.28
58)		4-Nitroaniline		0.252	0.280	0.274	0.255	0.265	5.17
59)	I	Phenanthrene-d10	----------ISTD----------						
60)	S	4,6-Dinitro-2-methy		0.100	0.113	0.125	0.127	0.116	10.55
61)		4,6-Dinitro-2-methy		0.107	0.114	0.124	0.126	0.118	7.41
62)		N-Nitrosodiphenylam	0.722	0.557	0.556	0.597	0.589	0.604	11.30
63)		4-Bromophenyl-pheny	0.252	0.187	0.195	0.206	0.205	0.209	12.07
64)		Hexachlorobenzene	0.282	0.216	0.221	0.227	0.225	0.234	11.53
65)		Atrazine	0.213	0.186	0.197	0.204	0.203	0.200	5.01
66)	C	Pentachlorophenol		0.111	0.125	0.134	0.141	0.128	10.39
67)		Phenanthrene	1.329	1.041	1.022	1.053	1.027	1.095	12.04
68)	S	Anthracene-d10	1.120	0.887	0.902	0.921	0.900	0.946	10.34
69)		Anthracene	1.328	1.050	1.043	1.076	1.050	1.109	11.05
70)		1,2,3,4-Tetrachloro	0.345	0.257	0.262	0.300	0.316	0.296	12.49
71)		Pentachlorobenzene	0.341	0.253	0.256	0.282	0.287	0.284	12.51
72)		Carbazole	1.067	0.881	0.892	0.895	0.877	0.922	8.81
73)		Di-n-butylphthalate	1.016	0.954	0.999	1.017	1.035	1.004	3.08
74)	C	Fluoranthene	1.309	1.120	1.090	1.060	1.059	1.128	9.25
75)	I	Chrysene-d12	----------ISTD----------						
76)	S	Pyrene-d10	1.431	1.103	1.150	1.097	1.040	1.164	13.23
77)		Pyrene	1.858	1.425	1.465	1.409	1.315	1.494	14.08
78)		Butylbenzylphthalat	0.470	0.427	0.469	0.495	0.504	0.473	6.36
79)		3,3'-Dichlorobenzid	0.272	0.234	0.271	0.301	0.284	0.272	9.09
80)		Benzo(a)anthracene	1.385	1.073	1.109	1.110	1.088	1.153	11.33
81)		Bis(2-ethylhexyl)ph	0.646	0.561	0.606	0.649	0.681	0.629	7.32
82)		Chrysene	1.343	1.030	1.049	1.043	1.030	1.099	12.44
83)	I	Perylene-d12	----------ISTD----------						
84)		Di-n-octyl phthalat	1.351	1.185	1.245	1.307	1.351	1.288	5.59
85)		Benzo(b)fluoranthen	1.511	1.216	1.191	1.199	1.180	1.259	11.22
86)		Benzo(k)fluoranthen	1.408	1.138	1.116	1.174	1.135	1.194	10.17
87)	S	Benzo(a)pyrene-d12	1.108	0.881	0.872	0.920	0.907	0.938	10.35
88)	C	Benzo(a)pyrene	1.375	1.067	1.078	1.125	1.100	1.149	11.18
89)		Indeno(1,2,3-cd)pyr	1.419	1.029	1.088	1.162	1.195	1.179	12.62
90)		Dibenzo(a,h)anthrac	1.183	0.862	0.901	0.989	1.002	0.987	12.55
91)		Benzo(g,h,i)perylen	1.179	0.879	0.913	0.996	1.015	0.996	11.71

(#) = Out of Range