Response Factor Report gcms1

Method Path : Z:\HPCHEM1\BNA M\METHODS\
Method File : SOM02.2-EPA-BM092915.M
Title : SVOA CALIBRATION
Last Update : Wed Sep 30 18:57:12 2015
Response Via : Initial Calibration

Calibration Files
5 =BM002755.D 10 =BM002756.D 20 =BM002770.D
40 =BM002758.D 80 =BM002759.D 160 =BM002760.D

		Compound	5	10	20	40	80	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)		1,4-Dioxane	0.515	0.522	0.451	0.443	0.449		0.476	8.20
3)	S	1,4-Dioxane-d8	0.416	0.471	0.425	0.419	0.422		0.431	5.29
4)		Benzaldehyde		1.021	0.875	0.853	0.821	0.681	0.850	14.34
5)	S	Phenol-d5		1.749	1.475	1.467	1.466	1.420	1.515	8.72
6)		Phenol		1.799	1.534	1.516	1.521	1.462	1.566	8.49
7)	S	Bis-(2-Chloroethy		0.990	0.833	0.816	0.823	0.800	0.852	9.13
8)		Bis(2-Chloroethyl		1.433	1.203	1.178	1.197	1.155	1.233	9.20
9)	S	2-Chlorophenol-d4	1.378	1.592	1.369	1.345	1.368		1.411	7.25
10)		2-Chlorophenol	1.390	1.617	1.407	1.365	1.379		1.431	7.33
11)		2-Methylphenol		1.382	1.185	1.170	1.175	1.134	1.209	8.13
12)		2,2'-oxybis(1-Chl		1.984	1.665	1.624	1.638	1.584	1.699	9.54
13)	S	4-Methylphenol-d8		1.435	1.224	1.206	1.215	1.168	1.249	8.46
14)		Acetophenone		2.214	1.846	1.817	1.809	1.710	1.879	10.33
15)	P	N-Nitroso-di-n-pr	0.842	1.023	0.866	0.841	0.848		0.884	8.90
16)		4-Methylphenol		1.500	1.280	1.258	1.266	1.218	1.304	8.58
17)		Hexachloroethane	0.529	0.603	0.525	0.507	0.517		0.536	7.18
18)	I	Naphthalene-d8	----------	ISTD	----------					
19)	S	Nitrobenzene-d5	0.144	0.171	0.149	0.148	0.151		0.153	7.08
20)		Nitrobenzene	0.288	0.341	0.298	0.291	0.292		0.302	7.39
21)		Isophorone	0.561	0.648	0.562	0.552	0.545		0.574	7.37
22)	S	2-Nitrophenol-d4	0.144	0.175	0.158	0.157	0.162		0.159	7.08
23)	C	2-Nitrophenol	0.159	0.196	0.175	0.173	0.178		0.176	7.66
24)		2,4-Dimethylpheno	0.314	0.367	0.317	0.308	0.310		0.323	7.65
25)		Bis(2-Chloroethox	0.367	0.432	0.368	0.356	0.358		0.376	8.44
26)	S	2,4-Dichloropheno	0.272	0.315	0.276	0.271	0.272		0.281	6.83
27)	C	2,4-Dichloropheno	0.271	0.320	0.279	0.273	0.272		0.283	7.49
28)		Naphthalene	1.020	1.156	1.000	0.964	0.966		1.021	7.74
29)	S	4-Chloroaniline-d		0.343	0.343	0.373	0.345	0.289	0.339	8.97
30)		4-Chloroaniline		0.356	0.354	0.390	0.350	0.298	0.350	9.49
31)	C	Hexachlorobutadie	0.166	0.189	0.160	0.155	0.158		0.166	8.18
32)		Caprolactam		0.094	0.087	0.091	0.090	0.087	0.090	3.29
33)	C	4-Chloro-3-methyl	0.272	0.316	0.281	0.276	0.273		0.284	6.53
34)		2-Methylnaphthale	0.697	0.814	0.697	0.678	0.668		0.711	8.31
35)		1-Methylnaphthale	0.689	0.782	0.676	0.658	0.647		0.690	7.76
36)	I	Acenaphthene-d10	----------	ISTD	----------					
37)		1,2,4,5-Tetrachlo	0.609	0.721	0.608	0.588	0.596		0.625	8.75
38)		Hexachlorocyclope		0.111	0.131	0.168	0.231	0.270	0.182	36.80
39)	C	2,4,6-Trichloroph	0.364	0.446	0.384	0.377	0.386		0.391	8.12
40)		2,4,5-Trichloroph	0.394	0.474	0.400	0.411	0.410		0.418	7.66
41)		1,1'-Biphenyl	1.675	1.973	1.674	1.608	1.615		1.709	8.85
42)		2-Chloronaphthale	1.281	1.500	1.278	1.234	1.238		1.306	8.46
43)		2-Nitroaniline	0.287	0.342	0.307	0.310	0.314		0.312	6.29
44)	S	Dimethylphthalate	1.506	1.698	1.469	1.436	1.414		1.505	7.55
45)		Dimethylphthalate	1.516	1.726	1.499	1.468	1.438		1.530	7.44
46)		2,6-Dinitrotoluen	0.276	0.342	0.311	0.315	0.321		0.313	7.64
47)	S	Acenaphthylene-d8	1.957	2.281	1.976	1.920	1.905		2.008	7.74
48)		Acenaphthylene	2.094	2.421	2.070	2.003	2.000		2.118	8.25
49)		3-Nitroaniline		0.347	0.319	0.344	0.328	0.281	0.324	8.24
50)	C	Acenaphthene	1.390	1.605	1.363	1.326	1.309		1.399	8.55
51)		2,4-Dinitrophenol		0.067	0.083	0.111	0.135	0.152	0.110	32.07

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		Compound	5	10	20	40	80	160	Avg	%RSD
52)	S	4-Nitrophenol-d4		0.276	0.258	0.267	0.270	0.265	0.267	2.41
53)		4-Nitrophenol		0.154	0.148	0.152	0.154	0.149	0.151	1.85
54)		Dibenzofuran	1.904	2.161	1.853	1.790	1.769		1.896	8.30
55)		2,4-Dinitrotoluen	0.403	0.480	0.437	0.443	0.447		0.442	6.17
56)		2,3,4,6-Tetrachlo	0.291	0.331	0.304	0.310	0.314		0.310	4.77
57)		Diethylphthalate	1.535	1.712	1.505	1.483	1.449		1.537	6.70
58)	S	Fluorene-d10	1.379	1.540	1.322	1.283	1.254		1.355	8.36
59)		Fluorene	1.561	1.770	1.519	1.483	1.445		1.555	8.20
60)		4-Chlorophenyl-ph	0.726	0.815	0.702	0.677	0.668		0.718	8.22
61)		4-Nitroaniline		0.375	0.341	0.368	0.351	0.327	0.352	5.54
62)	I	Phenanthrene-d10	----------ISTD----------							
63)	S	4,6-Dinitro-2-met		0.086	0.086	0.096	0.108	0.112	0.098	12.63
64)		4,6-Dinitro-2-met		0.089	0.091	0.103	0.115	0.119	0.103	13.08
65)		N-Nitrosodiphenyl	0.639	0.760	0.649	0.616	0.620		0.657	9.07
66)		4-Bromophenyl-phe	0.200	0.237	0.206	0.197	0.198		0.208	8.15
67)		Hexachlorobenzene	0.236	0.270	0.231	0.221	0.223		0.236	8.40
68)		Atrazine		0.247	0.217	0.215	0.215	0.205	0.220	7.20
69)	C	Pentachlorophenol		0.083	0.081	0.087	0.098	0.103	0.090	10.72
70)		Phenanthrene	1.165	1.318	1.132	1.093	1.076		1.157	8.34
71)	S	Anthracene-d10	0.951	1.083	0.942	0.904	0.893		0.955	7.93
72)		Anthracene	1.166	1.346	1.162	1.112	1.101		1.178	8.38
73)		1,2,3,4-Tetrachlo	0.288	0.358	0.295	0.278	0.288		0.302	10.75
74)		Pentachlorobenzen	0.270	0.332	0.274	0.263	0.265		0.281	10.32
75)		Carbazole		1.171	1.035	1.006	0.990	0.939	1.028	8.48
76)		Di-n-butylphthala	1.309	1.461	1.288	1.264	1.247		1.314	6.51
77)	C	Fluoranthene		1.366	1.210	1.178	1.149	1.069	1.195	9.14
78)	I	Chrysene-d12	----------ISTD----------							
79)	S	Pyrene-d10	0.922	1.086	0.915	0.871	0.873		0.933	9.47
80)		Pyrene	1.268	1.486	1.240	1.182	1.176		1.270	9.97
81)		Butylbenzylphthal	0.569	0.644	0.558	0.539	0.550		0.572	7.31
82)		3,3'-Dichlorobenz		0.452	0.391	0.371	0.346	0.294	0.371	15.65
83)		Benzo(a)anthracen	1.198	1.358	1.164	1.118	1.105		1.189	8.54
84)		Bis(2-ethylhexyl)	0.854	0.971	0.837	0.813	0.820		0.859	7.50
85)		Chrysene	1.127	1.282	1.104	1.049	1.046		1.121	8.60
86)	I	Perylene-d12	----------ISTD----------							
87)		Di-n-octyl phthal		1.658	1.428	1.374	1.385	1.287	1.427	9.77
88)		Benzo(b)fluoranth	1.200	1.356	1.210	1.143	1.098		1.202	8.12
89)		Benzo(k)fluoranth	1.160	1.314	1.096	1.044	1.073		1.137	9.46
90)	S	Benzo(a)pyrene-d1	1.023	1.172	1.005	0.959	0.957		1.023	8.58
91)	C	Benzo(a)pyrene	1.165	1.317	1.129	1.083	1.075		1.154	8.51
92)		Indeno(1,2,3-cd)p	1.353	1.544	1.315	1.263	1.257		1.346	8.71
93)		Dibenzo(a,h)anthr	1.140	1.307	1.115	1.068	1.057		1.137	8.84
94)		Benzo(g,h,i)peryl	1.133	1.292	1.108	1.066	1.070		1.134	8.20

(#) = Out of Range