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 15:49:59 2015
Response Via : Initial Calibration

Calibration Files
5 =BM000357.D 10 =BM000358.D 20 =BM000359.D
40 =BM000360.D 80 =BM000361.D

		Compound	5	10	20	40	80	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
2)		1,4-Dioxane	0.410	0.464	0.445	0.382	0.402	0.421	8.00
3)	S	1,4-Dioxane-d8	0.294	0.321	0.311	0.314	0.316	0.311	3.20
4)		Benzaldehyde	0.881	0.959	0.969	0.904	0.605	0.864	17.27
5)	S	Phenol-d5	1.076	1.201	1.229	1.301	1.348	1.231	8.47
6)		Phenol	1.158	1.242	1.298	1.376	1.378	1.290	7.24
7)	S	Bis-(2-Chloroethyl)	0.786	0.874	0.842	0.862	0.859	0.845	4.09
8)		Bis(2-Chloroethyl)e	1.032	1.125	1.073	1.079	1.095	1.081	3.13
9)	S	2-Chlorophenol-d4	0.902	1.028	1.048	1.127	1.161	1.053	9.57
10)		2-Chlorophenol	0.985	1.089	1.096	1.143	1.189	1.100	6.91
11)		2-Methylphenol	0.851	0.969	1.011	1.083	1.082	0.999	9.63
12)		2,2'-oxybis(1-Chlor	2.007	2.170	2.137	2.097	2.118	2.106	2.93
13)	S	4-Methylphenol-d8	0.817	0.960	1.007	1.050	1.053	0.978	9.95
14)		Acetophenone	1.694	1.899	1.859	1.889	1.890	1.846	4.68
15)	P	N-Nitroso-di-n-prop	0.655	0.770	0.820	0.876	0.888	0.802	11.83
16)		4-Methylphenol	0.962	1.038	1.056	1.134	1.133	1.064	6.79
17)		Hexachloroethane	0.468	0.534	0.526	0.555	0.588	0.534	8.28
18)	I	Naphthalene-d8	----------ISTD----------						
19)	S	Nitrobenzene-d5	0.086	0.106	0.113	0.134	0.141	0.116	19.21
20)		Nitrobenzene	0.280	0.329	0.360	0.389	0.409	0.353	14.46
21)		Isophorone	0.465	0.552	0.597	0.646	0.651	0.582	13.24
22)	S	2-Nitrophenol-d4	0.085	0.096	0.106	0.124	0.140	0.110	19.86
23)	C	2-Nitrophenol	0.091	0.102	0.125	0.138	0.151	0.122	20.36
24)		2,4-Dimethylphenol	0.313	0.352	0.353	0.385	0.388	0.358	8.59
25)		Bis(2-Chloroethoxy)	0.300	0.330	0.340	0.357	0.357	0.337	6.98
26)	S	2,4-Dichlorophenol-	0.224	0.278	0.281	0.296	0.303	0.276	11.26
27)	C	2,4-Dichlorophenol	0.243	0.269	0.282	0.300	0.308	0.280	9.28
28)		Naphthalene	0.972	1.016	0.999	1.009	1.021	1.004	1.92
29)	S	4-Chloroaniline-d4	0.301	0.365	0.363	0.364	0.300	0.339	10.29
30)		4-Chloroaniline	0.322	0.375	0.373	0.377	0.311	0.352	9.23
31)	C	Hexachlorobutadiene	0.251	0.254	0.261	0.265	0.268	0.260	2.81
32)		Caprolactam	0.038	0.049	0.060	0.070	0.073	0.058	24.82
33)	C	4-Chloro-3-methylph	0.251	0.291	0.306	0.334	0.328	0.302	11.00
34)		2-Methylnaphthalene	0.678	0.729	0.724	0.741	0.729	0.720	3.38
35)	I	Acenaphthene-d10	----------ISTD----------						
36)		1,2,4,5-Tetrachloro	0.605	0.642	0.644	0.649	0.665	0.641	3.46
37)		Hexachlorocyclopent	0.270	0.308	0.329	0.372	0.421	0.340	17.20
38)	C	2,4,6-Trichlorophen	0.262	0.307	0.327	0.360	0.372	0.326	13.56
39)		2,4,5-Trichlorophen	0.322	0.341	0.362	0.402	0.408	0.367	10.18
40)		1,1'-Biphenyl	1.452	1.531	1.487	1.521	1.514	1.501	2.14
41)		2-Chloronaphthalene	1.139	1.202	1.169	1.188	1.185	1.177	2.06
42)		2-Nitroaniline		0.190	0.241	0.314	0.346	0.273	25.91
43)	S	Dimethylphthalate-d	1.152	1.291	1.330	1.448	1.418	1.328	8.82
44)		Dimethylphthalate	1.239	1.360	1.367	1.465	1.415	1.369	6.14
45)		2,6-Dinitrotoluene	0.134	0.186	0.220	0.263	0.278	0.216	27.08
46)	S	Acenaphthylene-d8	1.460	1.685	1.743	1.836	1.824	1.710	8.91
47)		Acenaphthylene	1.677	1.833	1.839	1.884	1.865	1.820	4.53
48)		3-Nitroaniline		0.186	0.222	0.245	0.232	0.221	11.43
49)	C	Acenaphthene	1.171	1.186	1.182	1.220	1.198	1.191	1.57
50)		2,4-Dinitrophenol		0.065	0.087	0.117	0.127	0.099	28.84
51)	S	4-Nitrophenol-d4		0.145	0.169	0.208	0.211	0.183	17.59

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		Compound	5	10	20	40	80	Avg	%RSD
52)		4-Nitrophenol		0.247	0.277	0.340	0.338	0.300	15.43
53)		Dibenzofuran	1.730	1.802	1.755	1.783	1.748	1.764	1.64
54)		2,4-Dinitrotoluene	0.219	0.280	0.337	0.400	0.402	0.328	24.04
55)		2,3,4,6-Tetrachloro	0.228	0.265	0.293	0.330	0.331	0.289	15.13
56)		Diethylphthalate	1.067	1.268	1.340	1.495	1.461	1.326	12.90
57)	S	Fluorene-d10	1.224	1.292	1.254	1.302	1.265	1.267	2.43
58)		Fluorene	1.386	1.428	1.393	1.466	1.434	1.421	2.29
59)		4-Chlorophenyl-phen	0.738	0.782	0.751	0.770	0.747	0.758	2.37
60)		4-Nitroaniline		0.201	0.238	0.273	0.276	0.247	14.17
61)	I	Phenanthrene-d10	----------ISTD----------						
62)	S	4,6-Dinitro-2-methy		0.065	0.077	0.089	0.099	0.083	17.69
63)		4,6-Dinitro-2-methy		0.069	0.079	0.094	0.101	0.086	16.87
64)		N-Nitrosodiphenylam	0.490	0.550	0.558	0.560	0.575	0.546	5.99
65)		4-Bromophenyl-pheny	0.197	0.210	0.215	0.215	0.220	0.211	4.14
66)		Hexachlorobenzene	0.238	0.247	0.244	0.249	0.247	0.245	1.75
67)		Atrazine	0.148	0.180	0.200	0.214	0.212	0.191	14.31
68)	C	Pentachlorophenol		0.090	0.103	0.122	0.133	0.112	17.22
69)		Phenanthrene	1.062	1.097	1.085	1.103	1.100	1.089	1.55
70)	S	Anthracene-d10	0.854	0.917	0.923	0.935	0.946	0.915	3.95
71)		Anthracene	1.035	1.080	1.095	1.129	1.117	1.091	3.34
72)		Carbazole	0.841	0.902	0.915	0.951	0.967	0.915	5.37
73)		Di-n-butylphthalate	0.565	0.709	0.850	1.003	1.067	0.839	24.64
74)	C	Fluoranthene	1.172	1.244	1.253	1.304	1.308	1.256	4.40
75)	I	Chrysene-d12	----------ISTD----------						
76)	S	Pyrene-d10	0.845	0.923	0.936	0.979	0.935	0.924	5.32
77)		Pyrene	1.159	1.242	1.240	1.271	1.202	1.223	3.53
78)		Butylbenzylphthalat	0.160	0.204	0.250	0.328	0.369	0.262	32.88
79)		3,3'-Dichlorobenzid	0.206	0.273	0.318	0.349	0.347	0.298	20.23
80)		Benzo(a)anthracene	1.079	1.149	1.150	1.202	1.192	1.155	4.20
81)		Bis(2-ethylhexyl)ph	0.232	0.311	0.371	0.480	0.551	0.389	32.97
82)		Chrysene	1.103	1.145	1.078	1.140	1.113	1.116	2.48
83)	I	Perylene-d12	----------ISTD----------						
84)		Di-n-octyl phthalat	0.463	0.605	0.743	0.950	1.074	0.767	32.38
85)		Benzo(b)fluoranthen	1.107	1.244	1.250	1.301	1.316	1.244	6.62
86)		Benzo(k)fluoranthen	1.089	1.142	1.209	1.195	1.208	1.169	4.47
87)	S	Benzo(a)pyrene-d12	0.814	0.888	0.927	0.966	0.974	0.914	7.16
88)	C	Benzo(a)pyrene	1.071	1.155	1.178	1.196	1.212	1.162	4.78
89)		Indeno(1,2,3-cd)pyr	1.165	1.290	1.314	1.369	1.407	1.309	7.07
90)		Dibenzo(a,h)anthrac	0.955	1.070	1.092	1.129	1.175	1.084	7.62
91)		Benzo(g,h,i)perylen	0.991	1.087	1.102	1.137	1.165	1.097	6.04

(#) = Out of Range