Response Factor Report gcms1

Method Path : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\
Method File : SOM-EPA-BM102418MA.M
Title : SVOA CALIBRATION
Last Update : Thu Oct 25 02:39:26 2018
Response Via : Initial Calibration

Calibration Files
5 =BM017309.D 10 =BM017310.D 20 =BM017330.D
40 =BM017312.D 80 =BM017313.D 160 =BM017314.D

		Compound	5	10	20	40	80	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
2)		1,4-Dioxane	0.429	0.455	0.440	0.440	0.426		0.438	2.53
3)	S	1,4-Dioxane-d8	0.452	0.450	0.432	0.428	0.411		0.435	3.90
4)		Benzaldehyde		0.338	0.338	0.345	0.364	0.356	0.348	3.29
5)	S	Phenol-d5		1.725	1.770	1.836	1.888	1.917	1.827	4.37
6)		Phenol		1.739	1.759	1.824	1.881	1.867	1.814	3.50
7)	S	Bis-(2-Chloroethy		1.085	1.051	1.065	1.074	1.053	1.065	1.33
8)		Bis(2-Chloroethyl		1.368	1.378	1.370	1.398	1.358	1.374	1.08
9)	S	2-Chlorophenol-d4	1.322	1.350	1.409	1.479	1.522		1.416	5.95
10)		2-Chlorophenol	1.340	1.389	1.414	1.472	1.500		1.423	4.51
11)		2-Methylphenol		1.288	1.315	1.371	1.415	1.442	1.366	4.76
12)		2,2'-oxybis(1-Chl		1.872	1.838	1.830	1.828	1.789	1.831	1.62
13)	S	4-Methylphenol-d8		1.367	1.395	1.456	1.490	1.514	1.445	4.30
14)		Acetophenone		2.245	2.201	2.228	2.246	2.208	2.226	0.94
15)	P	N-Nitroso-di-n-pr	1.018	1.098	1.102	1.120	1.128		1.093	4.03
16)		4-Methylphenol		1.398	1.435	1.492	1.507	1.526	1.471	3.64
17)		Hexachloroethane	0.544	0.558	0.549	0.562	0.569		0.556	1.77
18)	I	Naphthalene-d8	----------	ISTD	----------					
19)	S	Nitrobenzene-d5	0.147	0.153	0.153	0.162	0.166		0.156	4.93
20)		Nitrobenzene	0.374	0.373	0.364	0.366	0.370		0.369	1.18
21)		Isophorone	0.633	0.669	0.671	0.684	0.696		0.671	3.53
22)	S	2-Nitrophenol-d4	0.156	0.169	0.173	0.185	0.193		0.175	8.08
23)	C	2-Nitrophenol	0.171	0.179	0.184	0.192	0.197		0.185	5.47
24)		2,4-Dimethylpheno	0.356	0.367	0.366	0.370	0.376		0.367	1.96
25)		Bis(2-Chloroethox	0.427	0.428	0.423	0.422	0.427		0.426	0.63
26)	S	2,4-Dichloropheno	0.294	0.323	0.323	0.342	0.346		0.326	6.41
27)	C	2,4-Dichloropheno	0.290	0.309	0.310	0.322	0.328		0.312	4.63
28)		Naphthalene	1.064	1.069	1.026	1.041	1.032		1.046	1.82
29)	S	4-Chloroaniline-d		0.239	0.252	0.288	0.289	0.261	0.266	8.27
30)		4-Chloroaniline		0.245	0.263	0.295	0.292	0.264	0.272	7.79
31)	C	Hexachlorobutadie	0.215	0.209	0.200	0.203	0.204		0.206	2.94
32)		Caprolactam		0.092	0.102	0.107	0.113	0.115	0.106	8.75
33)	C	4-Chloro-3-methyl	0.315	0.338	0.345	0.356	0.363		0.343	5.42
34)		2-Methylnaphthale	0.768	0.779	0.758	0.770	0.769		0.769	1.01
35)		1-Methylnaphthale	0.745	0.741	0.731	0.733	0.735		0.737	0.79
36)	I	Acenaphthene-d10	----------	ISTD	----------					
37)		1,2,4,5-Tetrachlo	0.673	0.677	0.668	0.677	0.666		0.672	0.74
38)		Hexachlorocyclope		0.394	0.415	0.438	0.449	0.447	0.429	5.47
39)	C	2,4,6-Trichloroph	0.386	0.412	0.430	0.450	0.454		0.426	6.61
40)		2,4,5-Trichloroph	0.421	0.445	0.463	0.481	0.485		0.459	5.76
41)		1,1'-Biphenyl	1.650	1.688	1.671	1.653	1.612		1.655	1.72
42)		2-Chloronaphthale	1.292	1.298	1.293	1.305	1.276		1.293	0.82
43)		2-Nitroaniline	0.315	0.344	0.367	0.396	0.400		0.364	9.85
44)	S	Dimethylphthalate	1.727	1.730	1.725	1.711	1.683		1.715	1.13
45)		Dimethylphthalate	1.666	1.687	1.678	1.662	1.615		1.662	1.67
46)		2,6-Dinitrotoluen	0.293	0.316	0.343	0.353	0.362		0.334	8.55
47)	S	Acenaphthylene-d8	1.982	2.065	2.103	2.158	2.105		2.083	3.12
48)		Acenaphthylene	1.881	1.962	1.994	1.998	1.938		1.954	2.45
49)		3-Nitroaniline		0.272	0.294	0.330	0.342	0.332	0.314	9.46
50)	C	Acenaphthene	1.391	1.419	1.401	1.409	1.378		1.399	1.14
51)		2,4-Dinitrophenol		0.163	0.198	0.231	0.247	0.269	0.222	18.89

Method Path : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\
Method File : SOM-EPA-BM102418MA.M
Title : SVOA CALIBRATION
Last Update : Thu Oct 25 02:39:26 2018
Response Via : Initial Calibration

Calibration Files
5 =BM017309.D 10 =BM017310.D 20 =BM017330.D
40 =BM017312.D 80 =BM017313.D 160 =BM017314.D

		Compound	5	10	20	40	80	160	Avg	%RSD
52)	S	4-Nitrophenol-d4		0.268	0.312	0.333	0.345	0.344	0.320	9.97
53)		4-Nitrophenol		0.208	0.244	0.253	0.257	0.253	0.243	8.29
54)		Dibenzofuran	1.989	2.012	1.996	1.992	1.924		1.982	1.72
55)		2,4-Dinitrotoluen	0.429	0.488	0.515	0.527	0.529		0.498	8.34
56)		2,3,4,6-Tetrachlo	0.385	0.416	0.430	0.442	0.451		0.425	6.05
57)		Diethylphthalate	1.626	1.678	1.683	1.666	1.653		1.661	1.38
58)	S	Fluorene-d10	1.504	1.514	1.500	1.482	1.447		1.490	1.77
59)		Fluorene	1.621	1.667	1.651	1.647	1.584		1.634	1.98
60)		4-Chlorophenyl-ph	0.852	0.853	0.847	0.827	0.802		0.836	2.58
61)		4-Nitroaniline		0.333	0.388	0.383	0.389	0.391	0.377	6.51
62)	I	Phenanthrene-d10	----------ISTD----------							
63)	S	4,6-Dinitro-2-met		0.122	0.130	0.145	0.148	0.152	0.139	9.32
64)		4,6-Dinitro-2-met		0.123	0.136	0.149	0.151	0.152	0.142	8.97
65)		N-Nitrosodiphenyl	0.587	0.597	0.597	0.619	0.605		0.601	1.97
66)		4-Bromophenyl-phe	0.218	0.227	0.219	0.230	0.230		0.225	2.64
67)		Hexachlorobenzene	0.254	0.256	0.251	0.255	0.251		0.253	0.90
68)		Atrazine		0.218	0.217	0.224	0.227	0.220	0.221	2.03
69)	C	Pentachlorophenol		0.135	0.151	0.165	0.170	0.171	0.158	9.50
70)		Phenanthrene	1.172	1.157	1.141	1.156	1.116		1.148	1.85
71)	S	Anthracene-d10	0.971	1.006	0.991	1.010	0.972		0.990	1.85
72)		Anthracene	1.162	1.184	1.171	1.185	1.131		1.166	1.88
73)		1,2,3,4-Tetrachlo	0.278	0.286	0.276	0.287	0.284		0.282	1.73
74)		Pentachlorobenzen	0.295	0.293	0.285	0.290	0.286		0.290	1.44
75)		Carbazole		1.030	1.034	1.067	1.037	0.932	1.020	5.02
76)		Di-n-butylphthala	1.121	1.157	1.198	1.247	1.236		1.192	4.44
77)	C	Fluoranthene		1.400	1.383	1.404	1.351	1.043	1.316	11.71
78)	I	Chrysene-d12	----------ISTD----------							
79)	S	Pyrene-d10	0.889	0.932	0.928	0.937	0.947		0.927	2.37
80)		Pyrene	1.160	1.176	1.165	1.163	1.142		1.161	1.07
81)		Butylbenzylphthal	0.396	0.438	0.466	0.492	0.526		0.464	10.77
82)		3,3'-Dichlorobenz		0.359	0.373	0.413	0.422	0.388	0.391	6.75
83)		Benzo(a)anthracen	1.226	1.243	1.228	1.221	1.201		1.224	1.23
84)		Bis(2-ethylhexyl)	0.586	0.654	0.687	0.724	0.737		0.678	8.98
85)		Chrysene	1.180	1.189	1.166	1.161	1.123		1.164	2.16
86)	I	Perylene-d12	----------ISTD----------							
87)		Di-n-octyl phthal		1.029	1.090	1.154	1.149	0.787	1.042	14.54
88)		Benzo(b)fluoranth	1.157	1.161	1.216	1.184	1.135		1.171	2.64
89)		Benzo(k)fluoranth	1.128	1.183	1.124	1.164	1.118		1.144	2.50
90)	S	Benzo(a)pyrene-d1	1.022	1.051	1.063	1.086	1.059		1.056	2.17
91)	C	Benzo(a)pyrene	1.119	1.158	1.152	1.168	1.122		1.144	1.94
92)		Indeno(1,2,3-cd)p	1.396	1.405	1.384	1.423	1.349		1.392	1.98
93)		Dibenzo(a,h)anthr	1.171	1.180	1.166	1.181	1.112		1.162	2.46
94)		Benzo(g,h,i)peryl	1.196	1.185	1.167	1.206	1.158		1.182	1.68

(#) = Out of Range