Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SOMVTR062119WMA.M
Title : TRACE VOA SOM01.0
Last Update : Fri Jun 21 04:33:10 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VV011634.D 1 =VV011635.D 5 =VV011647.D
10 =VV011637.D 20 =VV011638.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.562	0.488	0.522	0.527	0.502	0.520	5.39
3)	T	Chloromethane	0.539	0.460	0.458	0.459	0.444	0.472	8.03
4)	S	Vinyl Chloride-d3	0.320	0.332	0.333	0.346	0.329	0.332	2.75
5)	T	Vinyl chloride	0.505	0.430	0.461	0.472	0.444	0.462	6.18
6)	T	Bromomethane	0.232	0.209	0.189	0.187	0.190	0.202	9.45
7)	S	Chloroethane-d5	0.242	0.223	0.241	0.224	0.237	0.233	3.89
8)	T	Chloroethane	0.274	0.252	0.234	0.217	0.232	0.242	9.05
9)	T	Trichlorofluorometh	0.655	0.596	0.581	0.617	0.541	0.598	7.08
10)	T	1,1,2-Trichloro-1,2	0.371	0.327	0.335	0.338	0.324	0.339	5.57
11)	S	1,1-Dichloroethene-	0.687	0.643	0.677	0.696	0.671	0.675	3.00
12)	T	1,1-Dichloroethene	0.328	0.291	0.313	0.315	0.301	0.309	4.50
13)	T	Acetone	0.071	0.062	0.062	0.062	0.058	0.063	7.87
14)	T	Carbon disulfide	0.900	0.743	0.799	0.863	0.859	0.833	7.42
15)	T	Methyl Acetate	0.175	0.154	0.154	0.156	0.147	0.157	6.74
16)	T	Methylene chloride	0.411	0.353	0.325	0.327	0.308	0.345	11.70
17)	T	Methyl tert-butyl E	0.845	0.786	0.853	0.890	0.858	0.846	4.46
18)	T	trans-1,2-Dichloroe	0.382	0.341	0.360	0.374	0.362	0.364	4.36
19)	T	1,1-Dichloroethane	0.794	0.656	0.707	0.748	0.711	0.723	7.13
20)	S	2-Butanone-d5	0.077	0.078	0.092	0.097	0.094	0.087	10.90
21)	T	2-Butanone	0.102	0.088	0.105	0.110	0.104	0.102	7.89
22)	T	cis-1,2-Dichloroeth	0.433	0.374	0.388	0.410	0.395	0.400	5.67
23)	T	Bromochloromethane	0.168	0.135	0.150	0.153	0.147	0.151	7.75
24)	S	Chloroform-d	0.584	0.589	0.581	0.632	0.641	0.606	4.78
25)	T	Chloroform	0.830	0.726	0.804	0.844	0.767	0.794	6.04
26)	S	1,2-Dichloroethane-	0.343	0.350	0.373	0.386	0.367	0.364	4.74
27)	T	1,2-Dichloroethane	0.511	0.443	0.485	0.500	0.466	0.481	5.67
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.664	0.581	0.634	0.680	0.661	0.644	6.01
30)	T	Cyclohexane	0.785	0.675	0.718	0.758	0.741	0.735	5.67
31)	T	Carbon tetrachlorid	0.558	0.468	0.533	0.587	0.575	0.544	8.64
32)	S	Benzene-d6	1.345	1.317	1.398	1.472	1.441	1.395	4.64
33)	T	Benzene	1.714	1.568	1.645	1.721	1.641	1.658	3.77
34)	T	Trichloroethene	0.485	0.414	0.424	0.447	0.427	0.440	6.42
35)	T	Methylcyclohexane	0.754	0.621	0.682	0.760	0.731	0.710	8.25
36)	S	1,2-Dichloropropane	0.410	0.418	0.425	0.456	0.439	0.430	4.18
37)	T	1,2-Dichloropropane	0.472	0.394	0.405	0.427	0.407	0.421	7.34
38)	T	Bromodichloromethan	0.482	0.429	0.462	0.517	0.509	0.480	7.42
39)	T	cis-1,3-Dichloropro	0.522	0.449	0.552	0.618	0.620	0.552	12.98
40)	T	4-Methyl-2-pentanon	0.252	0.234	0.270	0.290	0.274	0.264	8.15
41)	S	Toluene-d8	1.139	1.177	1.290	1.371	1.335	1.262	7.97
42)	T	Toluene	1.749	1.554	1.755	1.842	1.760	1.732	6.16
43)	S	trans-1,3-Dichlorop	0.133	0.126	0.150	0.168	0.173	0.150	14.00
44)	T	trans-1,3-Dichlorop	0.357	0.311	0.416	0.482	0.480	0.409	18.44
45)	T	1,1,2-Trichloroetha	0.287	0.246	0.261	0.276	0.265	0.267	5.80
46)	S	2-Hexanone-d5	0.058	0.057	0.074	0.082	0.081	0.070	16.85
47)	T	Tetrachloroethene	0.346	0.306	0.324	0.337	0.325	0.327	4.60
48)	T	2-Hexanone	0.176	0.154	0.194	0.205	0.200	0.186	11.16
49)	T	Dibromochloromethan	0.234	0.221	0.273	0.308	0.306	0.268	14.95
50)	T	1,2-Dibromoethane	0.246	0.217	0.247	0.260	0.250	0.244	6.66
51)	T	Chlorobenzene	1.148	0.990	1.055	1.118	1.059	1.074	5.70
52)	T	Ethylbenzene	1.904	1.683	1.909	2.072	1.990	1.912	7.59

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.700	0.597	0.715	0.768	0.730	0.702	9.09
54)	T	o-xylene	0.675	0.598	0.689	0.748	0.722	0.686	8.31
55)	T	Styrene	0.984	0.907	1.118	1.254	1.206	1.094	13.39
56)	T	Isopropylbenzene	1.834	1.561	1.833	2.018	1.948	1.839	9.47
57)	S	1,1,2,2-Tetrachloro	0.274	0.279	0.300	0.326	0.314	0.299	7.48
58)	T	1,1,2,2-Tetrachloro	0.338	0.281	0.315	0.338	0.317	0.318	7.36
59)		1,2,3-Trichloroprop	0.267	0.216	0.248	0.254	0.238	0.245	7.86
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.288	0.243	0.268	0.304	0.302	0.281	9.13
62)	T	1,3-Dichlorobenzene	1.834	1.521	1.672	1.737	1.668	1.687	6.79
63)	T	1,4-Dichlorobenzene	2.005	1.648	1.669	1.733	1.656	1.742	8.66
64)	S	1,2-Dichlorobenzene	0.980	0.899	0.927	0.971	0.940	0.943	3.48
65)	T	1,2-Dichlorobenzene	1.746	1.475	1.593	1.666	1.553	1.606	6.48
66)	T	1,2-Dibromo-3-chlor	0.102	0.086	0.083	0.095	0.094	0.092	8.46
67)		1,3,5-Trichlorobenz	1.345	1.134	1.217	1.317	1.258	1.254	6.68
68)	T	1,2,4-trichlorobenz	1.041	0.805	0.934	1.043	1.037	0.972	10.70
69)		Naphthalene	1.699	1.110	1.508	1.776	1.852	1.589	18.69
70)	T	1,2,3-Trichlorobenz	1.011	0.722	0.883	0.960	0.941	0.903	12.32

(#) = Out of Range