Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVTR071719WMA.M
Title : TRACE VOA SOM01.0
Last Update : Thu Jul 18 01:41:34 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VV011901.D 1 =VV011902.D 5 =VV011903.D
10 =VV011904.D 20 =VV011905.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.489	0.497	0.530	0.519	0.525	0.512	3.55
3)	T	Chloromethane	0.484	0.482	0.510	0.502	0.504	0.496	2.57
4)	S	Vinyl Chloride-d3	0.363	0.386	0.329	0.380	0.377	0.367	6.26
5)	T	Vinyl chloride	0.454	0.464	0.494	0.486	0.488	0.477	3.63
6)	T	Bromomethane	0.268	0.281	0.277	0.276	0.282	0.277	1.97
7)	S	Chloroethane-d5	0.313	0.322	0.276	0.317	0.292	0.304	6.37
8)	T	Chloroethane	0.270	0.273	0.287	0.269	0.258	0.271	3.78
9)	T	Trichlorofluorometh	0.589	0.569	0.634	0.603	0.607	0.600	4.01
10)	T	1,1,2-Trichloro-1,2	0.286	0.281	0.308	0.264	0.310	0.290	6.70
11)	S	1,1-Dichloroethene-	0.615	0.629	0.557	0.558	0.645	0.601	6.79
12)	T	1,1-Dichloroethene	0.259	0.266	0.278	0.246	0.285	0.267	5.83
13)	T	Acetone	0.058	0.041	0.047	0.042	0.048	0.047	14.64
14)	T	Carbon disulfide	0.803	0.658	0.758	0.693	0.866	0.756	11.07
15)	T	Methyl Acetate	0.095	0.099	0.105	0.100	0.101	0.100	3.48
16)	T	Methylene chloride	0.325	0.291	0.266	0.264	0.251	0.279	10.45
17)	T	Methyl tert-butyl E	0.740	0.739	0.856	0.836	0.859	0.806	7.59
18)	T	trans-1,2-Dichloroe	0.357	0.345	0.388	0.381	0.403	0.375	6.31
19)	T	1,1-Dichloroethane	0.655	0.690	0.728	0.726	0.733	0.706	4.73
20)	S	2-Butanone-d5	0.085	0.087	0.086	0.102	0.104	0.093	10.23
21)	T	2-Butanone	0.080	0.083	0.100	0.098	0.101	0.092	10.91
22)	T	cis-1,2-Dichloroeth	0.343	0.367	0.395	0.405	0.418	0.386	7.96
23)	T	Bromochloromethane	0.144	0.154	0.166	0.161	0.165	0.158	5.87
24)	S	Chloroform-d	0.728	0.745	0.662	0.776	0.769	0.736	6.23
25)	T	Chloroform	0.807	0.766	0.759	0.738	0.740	0.762	3.70
26)	S	1,2-Dichloroethane-	0.351	0.399	0.340	0.400	0.398	0.378	7.80
27)	T	1,2-Dichloroethane	0.427	0.412	0.471	0.466	0.468	0.449	6.09
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.561	0.565	0.652	0.634	0.661	0.614	7.86
30)	T	Cyclohexane	0.582	0.563	0.703	0.690	0.733	0.654	11.70
31)	T	Carbon tetrachlorid	0.486	0.493	0.566	0.555	0.584	0.537	8.26
32)	S	Benzene-d6	1.402	1.411	1.334	1.553	1.576	1.455	7.18
33)	T	Benzene	1.425	1.469	1.663	1.611	1.654	1.565	7.05
34)	T	Trichloroethene	0.426	0.423	0.452	0.428	0.445	0.435	2.90
35)	T	Methylcyclohexane	0.577	0.582	0.694	0.700	0.745	0.660	11.47
36)	S	1,2-Dichloropropane	0.428	0.449	0.406	0.467	0.478	0.446	6.60
37)	T	1,2-Dichloropropane	0.329	0.346	0.419	0.403	0.413	0.382	10.91
38)	T	Bromodichloromethan	0.429	0.430	0.489	0.479	0.511	0.468	7.80
39)	T	cis-1,3-Dichloropro	0.386	0.447	0.571	0.580	0.630	0.523	19.46
40)	T	4-Methyl-2-pentanon	0.187	0.197	0.258	0.246	0.260	0.229	15.07
41)	S	Toluene-d8	1.175	1.289	1.256	1.451	1.469	1.328	9.60
42)	T	Toluene	1.385	1.497	1.793	1.737	1.797	1.642	11.53
43)	S	trans-1,3-Dichlorop	0.144	0.152	0.154	0.181	0.194	0.165	13.07
44)	T	trans-1,3-Dichlorop	0.338	0.346	0.452	0.452	0.490	0.416	16.65
45)	T	1,1,2-Trichloroetha	0.254	0.239	0.272	0.262	0.265	0.258	4.91
46)	S	2-Hexanone-d5	0.049	0.054	0.065	0.079	0.086	0.066	23.76
47)	T	Tetrachloroethene	0.301	0.290	0.337	0.332	0.340	0.320	7.10
48)	T	2-Hexanone	0.132	0.141	0.186	0.178	0.184	0.164	15.50
49)	T	Dibromochloromethan	0.234	0.244	0.300	0.302	0.320	0.280	13.71
50)	T	1,2-Dibromoethane	0.208	0.224	0.253	0.249	0.254	0.238	8.71
51)	T	Chlorobenzene	0.936	0.972	1.100	1.066	1.108	1.036	7.50
52)	T	Ethylbenzene	1.522	1.571	1.953	1.938	2.040	1.805	13.28

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.554	0.571	0.741	0.729	0.765	0.672	15.07
54)	T	o-xylene	0.491	0.517	0.698	0.688	0.736	0.626	18.08
55)	T	Styrene	0.797	0.868	1.202	1.198	1.253	1.064	20.09
56)	T	Isopropylbenzene	1.375	1.430	1.892	1.898	2.003	1.720	17.08
57)	S	1,1,2,2-Tetrachloro	0.256	0.253	0.262	0.303	0.325	0.280	11.61
58)	T	1,1,2,2-Tetrachloro	0.197	0.203	0.273	0.267	0.291	0.246	17.61
59)		1,2,3-Trichloroprop	0.218	0.219	0.234	0.227	0.234	0.227	3.46
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.271	0.237	0.283	0.290	0.318	0.280	10.53
62)	T	1,3-Dichlorobenzene	1.559	1.508	1.626	1.658	1.698	1.610	4.74
63)	T	1,4-Dichlorobenzene	1.632	1.584	1.670	1.685	1.710	1.656	2.98
64)	S	1,2-Dichlorobenzene	1.007	1.054	0.872	1.031	1.030	0.999	7.30
65)	T	1,2-Dichlorobenzene	1.415	1.431	1.556	1.568	1.567	1.508	5.14
66)	T	1,2-Dibromo-3-chlor	0.081	0.072	0.087	0.091	0.097	0.086	10.97
67)		1,3,5-Trichlorobenz	1.213	1.163	1.292	1.299	1.349	1.263	5.87
68)	T	1,2,4-trichlorobenz	0.859	0.871	1.050	1.079	1.126	0.997	12.38
69)		Naphthalene	1.152	1.160	1.615	1.783	1.946	1.531	23.65
70)	T	1,2,3-Trichlorobenz	0.730	0.793	0.960	0.987	1.025	0.899	14.40

(#) = Out of Range