Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVTR071219WMA.M
Title : TRACE VOA SOM01.0
Last Update : Sat Jul 13 03:51:44 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VV011862.D 1 =VV011863.D 5 =VV011864.D
10 =VV011865.D 20 =VV011866.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.508	0.472	0.503	0.492	0.485	0.492	2.89
3)	T	Chloromethane	0.518	0.451	0.496	0.483	0.476	0.485	5.13
4)	S	Vinyl Chloride-d3	0.399	0.346	0.343	0.401	0.391	0.376	7.69
5)	T	Vinyl chloride	0.489	0.444	0.484	0.477	0.467	0.472	3.75
6)	T	Bromomethane	0.291	0.247	0.273	0.270	0.267	0.269	5.77
7)	S	Chloroethane-d5	0.312	0.280	0.273	0.318	0.303	0.297	6.63
8)	T	Chloroethane	0.298	0.287	0.279	0.280	0.261	0.281	4.88
9)	T	Trichlorofluorometh	0.550	0.617	0.664	0.641	0.611	0.616	6.94
10)	T	1,1,2-Trichloro-1,2	0.279	0.250	0.363	0.325	0.239	0.291	17.92
11)	S	1,1-Dichloroethene-	0.584	0.487	0.665	0.700	0.525	0.592	15.23
12)	T	1,1-Dichloroethene	0.247	0.230	0.333	0.306	0.219	0.267	18.62
13)	T	Acetone	0.050	0.039	0.057	0.057	0.038	0.048	19.58
14)	T	Carbon disulfide	0.665	0.586	0.927	0.796	0.619	0.719	19.63
15)	T	Methyl Acetate	0.123	0.083	0.147	0.142	0.080	0.115	27.94
16)	T	Methylene chloride	0.355	0.229	0.341	0.278	0.212	0.283	22.66
17)	T	Methyl tert-butyl E	0.774	0.710	0.775	0.842	0.758	0.772	6.14
18)	T	trans-1,2-Dichloroe	0.361	0.339	0.360	0.372	0.342	0.355	3.96
19)	T	1,1-Dichloroethane	0.704	0.639	0.659	0.724	0.625	0.670	6.32
20)	S	2-Butanone-d5	0.079	0.067	0.070	0.096	0.083	0.079	14.47
21)	T	2-Butanone	0.080	0.082	0.089	0.102	0.086	0.088	9.84
22)	T	cis-1,2-Dichloroeth	0.387	0.358	0.382	0.402	0.372	0.380	4.29
23)	T	Bromochloromethane	0.170	0.150	0.164	0.165	0.155	0.161	4.99
24)	S	Chloroform-d	0.739	0.620	0.614	0.757	0.678	0.681	9.68
25)	T	Chloroform	0.861	0.731	0.707	0.746	0.651	0.739	10.39
26)	S	1,2-Dichloroethane-	0.348	0.331	0.298	0.386	0.335	0.340	9.41
27)	T	1,2-Dichloroethane	0.441	0.390	0.429	0.463	0.404	0.426	6.90
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.644	0.664	0.626	0.638	0.580	0.630	4.99
30)	T	Cyclohexane	0.633	0.677	0.638	0.673	0.613	0.647	4.19
31)	T	Carbon tetrachlorid	0.499	0.559	0.557	0.554	0.525	0.539	4.91
32)	S	Benzene-d6	1.284	1.439	1.267	1.516	1.380	1.377	7.61
33)	T	Benzene	1.401	1.748	1.583	1.601	1.449	1.556	8.80
34)	T	Trichloroethene	0.454	0.508	0.439	0.425	0.394	0.444	9.47
35)	T	Methylcyclohexane	0.562	0.639	0.705	0.684	0.669	0.652	8.51
36)	S	1,2-Dichloropropane	0.410	0.448	0.392	0.456	0.416	0.424	6.27
37)	T	1,2-Dichloropropane	0.366	0.419	0.408	0.396	0.359	0.390	6.68
38)	T	Bromodichloromethan	0.444	0.465	0.505	0.484	0.459	0.471	5.02
39)	T	cis-1,3-Dichloropro	0.441	0.473	0.602	0.576	0.578	0.534	13.50
40)	T	4-Methyl-2-pentanon	0.191	0.221	0.259	0.256	0.231	0.232	12.05
41)	S	Toluene-d8	1.092	1.188	1.221	1.408	1.382	1.258	10.63
42)	T	Toluene	1.374	1.611	1.773	1.733	1.678	1.634	9.63
43)	S	trans-1,3-Dichlorop	0.135	0.144	0.147	0.173	0.177	0.155	12.01
44)	T	trans-1,3-Dichlorop	0.334	0.386	0.443	0.451	0.454	0.414	12.70
45)	T	1,1,2-Trichloroetha	0.250	0.265	0.271	0.258	0.261	0.261	3.01
46)	S	2-Hexanone-d5	0.042	0.049	0.059	0.076	0.078	0.061	26.15
47)	T	Tetrachloroethene	0.297	0.331	0.339	0.324	0.344	0.327	5.63
48)	T	2-Hexanone	0.132	0.159	0.185	0.183	0.173	0.166	13.13
49)	T	Dibromochloromethan	0.243	0.273	0.294	0.303	0.322	0.287	10.60
50)	T	1,2-Dibromoethane	0.217	0.240	0.250	0.245	0.253	0.241	5.91
51)	T	Chlorobenzene	1.011	1.062	1.097	1.060	1.055	1.057	2.88
52)	T	Ethylbenzene	1.510	1.725	1.927	1.920	1.945	1.805	10.40

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.552	0.604	0.730	0.721	0.723	0.666	12.36
54)	T	o-xylene	0.496	0.593	0.693	0.695	0.699	0.635	14.12
55)	T	Styrene	0.789	0.970	1.199	1.193	1.207	1.072	17.42
56)	T	Isopropylbenzene	1.398	1.609	1.872	1.877	1.911	1.733	12.88
57)	S	1,1,2,2-Tetrachloro	0.231	0.227	0.254	0.298	0.304	0.263	13.92
58)	T	1,1,2,2-Tetrachloro	0.206	0.233	0.279	0.282	0.286	0.257	13.92
59)		1,2,3-Trichloroprop	0.222	0.238	0.238	0.233	0.228	0.232	3.11
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.238	0.260	0.298	0.291	0.302	0.278	9.93
62)	T	1,3-Dichlorobenzene	1.500	1.657	1.667	1.625	1.624	1.615	4.13
63)	T	1,4-Dichlorobenzene	1.595	1.756	1.706	1.666	1.637	1.672	3.72
64)	S	1,2-Dichlorobenzene	0.929	0.905	0.852	0.983	0.954	0.925	5.39
65)	T	1,2-Dichlorobenzene	1.431	1.573	1.595	1.547	1.495	1.528	4.32
66)	T	1,2-Dibromo-3-chlor	0.106	0.087	0.093	0.092	0.092	0.094	7.38
67)		1,3,5-Trichlorobenz	1.188	1.263	1.328	1.283	1.285	1.269	4.04
68)	T	1,2,4-trichlorobenz	0.846	1.005	1.055	1.049	1.071	1.005	9.20
69)		Naphthalene	1.029	1.218	1.611	1.730	1.833	1.484	23.24
70)	T	1,2,3-Trichlorobenz	0.767	0.868	0.985	0.974	0.970	0.913	10.34

(#) = Out of Range