Response Factor Report MSVOA_V

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
Method File : SOMVTR022221WMA.M
Title : TRACE VOA SOM01.0
Last Update : Mon Feb 22 12:20:15 2021
Response Via : Initial Calibration

Calibration Files
0.5 =VV020350.D 1 =VV020351.D 5 =VV020352.D 10 =VV020353.D 20 =VV020354.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.704	0.664	0.587	0.575	0.583	0.623	9.32
3)	T	Chloromethane	0.641	0.590	0.510	0.509	0.501	0.550	11.35
4)	S	Vinyl Chloride-d3	0.376	0.370	0.332	0.347	0.336	0.352	5.71
5)	T	Vinyl chloride	0.648	0.623	0.556	0.560	0.546	0.586	7.79
6)	T	Bromomethane	0.452	0.399	0.348	0.350	0.346	0.379	12.21
7)	S	Chloroethane-d5	0.301	0.291	0.259	0.270	0.262	0.277	6.76
8)	T	Chloroethane	0.417	0.365	0.332	0.333	0.321	0.354	11.07
9)	T	Trichlorofluorom...	0.921	0.871	0.777	0.780	0.763	0.822	8.47
10)	T	1,1,2-Trichloro-...	0.491	0.461	0.421	0.411	0.406	0.438	8.38
11)	S	1,1-Dichloroethe...	0.757	0.720	0.643	0.667	0.641	0.686	7.43
12)	T	1,1-Dichloroethene	0.483	0.450	0.402	0.401	0.390	0.425	9.37
13)	T	Acetone	0.063	0.064	0.049	0.055	0.046	0.055	14.46
14)	T	Carbon disulfide	1.487	1.353	1.232	1.256	1.233	1.312	8.35
15)	T	Methyl Acetate	0.145	0.152	0.118	0.136	0.119	0.134	11.19
16)	T	Methylene chloride	0.602	0.485	0.406	0.411	0.388	0.458	19.28
17)	T	Methyl tert-buty...	0.924	0.943	0.813	0.881	0.829	0.878	6.48
18)	T	trans-1,2-Dichlo...	0.503	0.460	0.418	0.428	0.420	0.446	8.06
19)	T	1,1-Dichloroethane	0.906	0.812	0.740	0.743	0.723	0.785	9.67
20)	S	2-Butanone-d5	0.056	0.065	0.056	0.068	0.060	0.061	8.87
21)	T	2-Butanone	0.085	0.088	0.078	0.091	0.079	0.084	6.48
22)	T	cis-1,2-Dichloro...	0.506	0.475	0.441	0.450	0.447	0.464	5.81
23)	T	Bromochloromethane	0.216	0.213	0.192	0.198	0.193	0.202	5.59
24)	S	Chloroform-d	0.676	0.655	0.587	0.623	0.605	0.629	5.79
25)	T	Chloroform	0.946	0.859	0.793	0.790	0.764	0.830	8.84
26)	S	1,2-Dichloroetha...	0.319	0.332	0.283	0.308	0.289	0.306	6.73
27)	T	1,2-Dichloroethane	0.529	0.502	0.446	0.464	0.439	0.476	8.10
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroe...	0.845	0.756	0.708	0.715	0.708	0.746	7.85
30)	T	Cyclohexane	0.666	0.696	0.663	0.658	0.665	0.670	2.26
31)	T	Carbon tetrachlo...	0.690	0.663	0.612	0.611	0.612	0.638	5.80
32)	S	Benzene-d6	1.310	1.262	1.223	1.250	1.217	1.252	2.97
33)	T	Benzene	2.014	1.854	1.754	1.731	1.703	1.811	7.01
34)	T	Trichloroethene	0.589	0.536	0.475	0.476	0.465	0.508	10.45
35)	T	Methylcyclohexane	0.745	0.745	0.729	0.727	0.734	0.736	1.15
36)	S	1,2-Dichloroprop...	0.388	0.388	0.348	0.374	0.356	0.371	4.96
37)	T	1,2-Dichloropropane	0.458	0.448	0.423	0.423	0.406	0.432	4.92
38)	T	Bromodichloromet...	0.618	0.584	0.535	0.540	0.532	0.562	6.73
39)	T	cis-1,3-Dichloro...	0.603	0.592	0.589	0.623	0.626	0.607	2.86
40)	T	4-Methyl-2-penta...	0.206	0.232	0.205	0.228	0.200	0.214	6.74
41)	S	Toluene-d8	1.204	1.221	1.178	1.238	1.203	1.209	1.86
42)	T	Toluene	2.067	2.001	1.921	1.933	1.899	1.964	3.50
43)	MA	1,3,5-Trimethylb...	1.570	1.609	1.742	1.866	1.894	1.736	8.42
44)	MA	1,2,4-Trimethylb...	1.599	1.611	1.796	1.906	1.931	1.769	8.92
45)	S	trans-1,3-Dichlo...	0.131	0.142	0.132	0.151	0.152	0.142	7.11
46)	T	trans-1,3-Dichlo...	0.484	0.473	0.481	0.520	0.517	0.495	4.38
47)	T	1,1,2-Trichloroe...	0.341	0.341	0.293	0.300	0.285	0.312	8.61
48)	S	2-Hexanone-d5	0.037	0.047	0.047	0.062	0.056	0.050	19.08
49)	T	Tetrachloroethene	0.467	0.434	0.403	0.404	0.398	0.421	6.96
50)	T	2-Hexanone	0.136	0.167	0.143	0.162	0.143	0.150	9.03
51)	T	Dibromochloromet...	0.384	0.357	0.342	0.369	0.362	0.363	4.29
52)	T	1,2-Dibromoethane	0.294	0.291	0.270	0.285	0.275	0.283	3.58
53)	T	Chlorobenzene	1.416	1.337	1.235	1.257	1.236	1.296	6.10
54)	T	Ethylbenzene	2.207	2.118	2.109	2.168	2.149	2.150	1.84
55)	T	m,p-xylene	0.805	0.778	0.802	0.831	0.834	0.810	2.86
56)	T	o-xylene	0.759	0.750	0.778	0.800	0.804	0.778	3.10

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57)	T	Styrene	1.236	1.233	1.323	1.377	1.371	1.308	5.35
58)	T	Isopropylbenzene	2.027	2.057	2.094	2.203	2.188	2.114	3.72
59)	S	1,1,2,2-Tetrachl...	0.247	0.287	0.244	0.280	0.259	0.263	7.38
60)	T	1,1,2,2-Tetrachl...	0.330	0.356	0.312	0.341	0.318	0.331	5.33
61)	I	1,4-Dichlorobenzen...	----------ISTD----------						
62)	T	Bromoform	0.360	0.365	0.327	0.353	0.353	0.352	4.17
63)	T	1,3-Dichlorobenzene	2.180	2.050	1.925	1.917	1.912	1.997	5.89
64)	T	1,4-Dichlorobenzene	2.310	2.086	1.930	1.913	1.894	2.027	8.67
65)	S	1,2-Dichlorobenz...	0.932	0.926	0.831	0.880	0.866	0.887	4.75
66)	T	1,2-Dichlorobenzene	1.983	1.887	1.740	1.748	1.719	1.815	6.31
67)	T	1,2-Dibromo-3-ch...	0.084	0.083	0.084	0.100	0.095	0.089	8.72
68)	MA	1,3,5-Trichlorob...	1.756	1.584	1.570	1.579	1.610	1.620	4.79
69)	T	1,2,4-trichlorob...	1.314	1.231	1.241	1.324	1.330	1.288	3.71
70)	MA	Naphthalene	1.463	1.639	1.750	2.069	2.054	1.795	14.71
71)	T	1,2,3-Trichlorob...	1.061	1.132	1.101	1.168	1.147	1.122	3.72

(#) = Out of Range