Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVTR090519WMA.M
Title : TRACE VOA SOM01.0
Last Update : Fri Sep 06 02:58:29 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VV012586.D 1 =VV012581.D 5 =VV012582.D
10 =VV012583.D 20 =VV012584.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.493	0.547	0.609	0.533	0.443	0.525	11.77
3)	T	Chloromethane	0.724	0.748	0.780	0.712	0.597	0.712	9.77
4)	S	Vinyl Chloride-d3	0.497	0.487	0.507	0.457	0.392	0.468	9.93
5)	T	Vinyl chloride	0.691	0.757	0.819	0.760	0.636	0.733	9.62
6)	T	Bromomethane	0.468	0.459	0.489	0.438	0.373	0.445	9.98
7)	S	Chloroethane-d5	0.426	0.463	0.470	0.413	0.346	0.424	11.69
8)	T	Chloroethane	0.447	0.532	0.550	0.493	0.412	0.487	11.87
9)	T	Trichlorofluorometh	1.050	1.127	1.245	1.159	0.996	1.116	8.66
10)	T	1,1,2-Trichloro-1,2	0.590	0.650	0.704	0.640	0.531	0.623	10.50
11)	S	1,1-Dichloroethene-	1.055	1.160	1.246	1.097	0.922	1.096	11.04
12)	T	1,1-Dichloroethene	0.555	0.610	0.683	0.619	0.510	0.596	11.03
13)	T	Acetone	0.106	0.114	0.124	0.114	0.096	0.111	9.57
14)	T	Carbon disulfide	1.805	1.930	2.159	1.958	1.640	1.898	10.13
15)	T	Methyl Acetate	0.294	0.265	0.347	0.298	0.252	0.291	12.53
16)	T	Methylene chloride	0.743	0.807	0.740	0.632	0.528	0.690	15.97
17)	T	Methyl tert-butyl E	0.874	0.910	1.108	1.027	0.897	0.963	10.41
18)	T	trans-1,2-Dichloroe	0.457	0.500	0.533	0.478	0.412	0.476	9.52
19)	T	1,1-Dichloroethane	0.866	0.930	1.025	0.930	0.796	0.909	9.35
20)	S	2-Butanone-d5	0.092	0.082	0.098	0.097	0.087	0.091	7.48
21)	T	2-Butanone	0.104	0.107	0.129	0.129	0.114	0.117	10.33
22)	T	cis-1,2-Dichloroeth	0.428	0.458	0.526	0.495	0.433	0.468	8.97
23)	T	Bromochloromethane	0.208	0.198	0.224	0.200	0.173	0.201	9.23
24)	S	Chloroform-d	0.740	0.732	0.790	0.698	0.598	0.711	10.06
25)	T	Chloroform	1.093	1.046	1.057	0.933	0.794	0.985	12.42
26)	S	1,2-Dichloroethane-	0.400	0.383	0.403	0.365	0.307	0.372	10.47
27)	T	1,2-Dichloroethane	0.543	0.583	0.664	0.628	0.520	0.587	10.09
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.710	0.698	0.822	0.778	0.665	0.735	8.69
30)	T	Cyclohexane	0.655	0.649	0.865	0.872	0.775	0.763	14.25
31)	T	Carbon tetrachlorid	0.609	0.652	0.728	0.691	0.583	0.653	9.08
32)	S	Benzene-d6	1.283	1.196	1.415	1.314	1.118	1.265	8.97
33)	T	Benzene	1.680	1.681	2.179	2.053	1.734	1.866	12.55
34)	T	Trichloroethene	0.471	0.502	0.571	0.525	0.452	0.504	9.24
35)	T	Methylcyclohexane	0.644	0.619	0.871	0.857	0.774	0.753	15.60
36)	S	1,2-Dichloropropane	0.426	0.394	0.445	0.414	0.350	0.406	8.87
37)	T	1,2-Dichloropropane	0.420	0.445	0.556	0.508	0.446	0.475	11.78
38)	T	Bromodichloromethan	0.584	0.593	0.696	0.653	0.565	0.618	8.85
39)	T	cis-1,3-Dichloropro	0.567	0.498	0.694	0.706	0.648	0.623	14.22
40)	T	4-Methyl-2-pentanon	0.223	0.224	0.337	0.335	0.295	0.283	20.03
41)	S	Toluene-d8	0.967	1.013	1.318	1.241	1.053	1.118	13.65
42)	T	Toluene	1.616	1.694	2.378	2.239	1.910	1.967	16.93
43)	S	trans-1,3-Dichlorop	0.136	0.141	0.153	0.150	0.133	0.143	6.20
44)	T	trans-1,3-Dichlorop	0.386	0.390	0.558	0.551	0.505	0.478	17.74
45)	T	1,1,2-Trichloroetha	0.332	0.307	0.350	0.331	0.286	0.321	7.82
46)	S	2-Hexanone-d5	0.042	0.037	0.062	0.068	0.065	0.054	26.25
47)	T	Tetrachloroethene	0.338	0.355	0.412	0.395	0.338	0.368	9.30
48)	T	2-Hexanone	0.144	0.147	0.246	0.246	0.215	0.200	25.65
49)	T	Dibromochloromethan	0.318	0.334	0.414	0.404	0.353	0.365	11.60
50)	T	1,2-Dibromoethane	0.259	0.262	0.316	0.305	0.267	0.282	9.39
51)	T	Chlorobenzene	1.087	1.133	1.385	1.316	1.156	1.215	10.54
52)	T	Ethylbenzene	1.704	1.662	2.441	2.427	2.186	2.084	18.24

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.574	0.601	0.904	0.915	0.800	0.759	21.46
54)	T	o-xylene	0.555	0.546	0.851	0.866	0.780	0.720	21.91
55)	T	Styrene	0.788	0.878	1.497	1.489	1.341	1.199	28.45
56)	T	Isopropylbenzene	1.362	1.450	2.315	2.340	2.129	1.919	24.83
57)	S	1,1,2,2-Tetrachloro	0.305	0.261	0.311	0.296	0.263	0.287	8.16
58)	T	1,1,2,2-Tetrachloro	0.295	0.309	0.369	0.375	0.333	0.336	10.56
59)		1,2,3-Trichloroprop	0.283	0.264	0.315	0.297	0.255	0.283	8.65
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.405	0.363	0.410	0.394	0.351	0.385	6.80
62)	T	1,3-Dichlorobenzene	1.824	1.682	2.162	2.076	1.774	1.904	10.79
63)	T	1,4-Dichlorobenzene	1.816	1.864	2.082	2.034	1.751	1.909	7.46
64)	S	1,2-Dichlorobenzene	0.985	0.805	0.860	0.818	0.707	0.835	12.08
65)	T	1,2-Dichlorobenzene	1.736	1.660	1.979	1.877	1.631	1.777	8.32
66)	T	1,2-Dibromo-3-chlor	0.123	0.120	0.126	0.119	0.108	0.119	5.91
67)		1,3,5-Trichlorobenz	1.159	1.123	1.411	1.416	1.269	1.276	10.73
68)	T	1,2,4-trichlorobenz	0.801	0.710	1.025	1.096	1.037	0.934	17.99
69)		Naphthalene	0.834	0.829	1.415	1.822	1.826	1.345	36.99
70)	T	1,2,3-Trichlorobenz	0.661	0.674	0.994	1.072	0.961	0.872	21.94

(#) = Out of Range