Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVTR090219WMA.M
Title : TRACE VOA SOM01.0
Last Update : Tue Sep 03 02:06:28 2019
Response Via : Initial Calibration

Calibration Files
0.5 =VV012516.D 1 =VV012517.D 5 =VV012518.D
10 =VV012519.D 20 =VV012520.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.603	0.748	0.622	0.617	0.612	0.640	9.46
3)	T	Chloromethane	0.682	0.876	0.781	0.709	0.743	0.758	9.95
4)	S	Vinyl Chloride-d3	0.517	0.485	0.477	0.472	0.478	0.486	3.74
5)	T	Vinyl chloride	0.763	0.948	0.830	0.768	0.803	0.823	9.16
6)	T	Bromomethane	0.442	0.530	0.491	0.509	0.473	0.489	6.92
7)	S	Chloroethane-d5	0.482	0.469	0.450	0.536	0.462	0.480	7.00
8)	T	Chloroethane	0.469	0.625	0.551	0.631	0.544	0.564	11.85
9)	T	Trichlorofluorometh	1.094	1.409	1.267	1.166	1.370	1.261	10.54
10)	T	1,1,2-Trichloro-1,2	0.647	0.821	0.704	0.659	0.688	0.704	9.83
11)	S	1,1-Dichloroethene-	1.199	1.261	1.183	1.120	1.164	1.186	4.33
12)	T	1,1-Dichloroethene	0.574	0.748	0.665	0.609	0.638	0.647	10.21
13)	T	Acetone	0.135	0.149	0.131	0.118	0.124	0.131	9.04
14)	T	Carbon disulfide	1.991	2.429	2.067	1.917	1.992	2.079	9.75
15)	T	Methyl Acetate	0.272	0.375	0.338	0.288	0.318	0.318	12.79
16)	T	Methylene chloride	0.774	0.859	0.737	0.666	0.686	0.744	10.32
17)	T	Methyl tert-butyl E	0.914	1.212	1.112	1.090	1.164	1.099	10.32
18)	T	trans-1,2-Dichloroe	0.485	0.577	0.516	0.498	0.510	0.517	6.84
19)	T	1,1-Dichloroethane	0.882	1.131	0.994	0.973	0.996	0.995	8.95
20)	S	2-Butanone-d5	0.084	0.083	0.094	0.095	0.105	0.093	9.73
21)	T	2-Butanone	0.097	0.129	0.130	0.132	0.140	0.126	13.14
22)	T	cis-1,2-Dichloroeth	0.468	0.597	0.526	0.531	0.551	0.534	8.71
23)	T	Bromochloromethane	0.196	0.242	0.213	0.208	0.208	0.213	8.10
24)	S	Chloroform-d	0.751	0.749	0.725	0.750	0.760	0.747	1.72
25)	T	Chloroform	1.055	1.194	0.999	0.982	0.985	1.043	8.57
26)	S	1,2-Dichloroethane-	0.415	0.388	0.370	0.377	0.386	0.387	4.43
27)	T	1,2-Dichloroethane	0.499	0.666	0.632	0.609	0.631	0.607	10.52
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.748	0.945	0.811	0.801	0.838	0.829	8.76
30)	T	Cyclohexane	0.696	0.908	0.862	0.876	0.932	0.855	10.89
31)	T	Carbon tetrachlorid	0.658	0.829	0.696	0.699	0.720	0.720	8.96
32)	S	Benzene-d6	1.428	1.377	1.384	1.413	1.443	1.409	1.98
33)	T	Benzene	1.597	2.268	2.157	2.101	2.142	2.053	12.78
34)	T	Trichloroethene	0.536	0.648	0.553	0.554	0.554	0.569	7.87
35)	T	Methylcyclohexane	0.702	0.912	0.861	0.902	0.946	0.865	11.07
36)	S	1,2-Dichloropropane	0.461	0.435	0.433	0.434	0.450	0.443	2.77
37)	T	1,2-Dichloropropane	0.472	0.649	0.535	0.535	0.555	0.549	11.68
38)	T	Bromodichloromethan	0.620	0.769	0.693	0.680	0.710	0.695	7.77
39)	T	cis-1,3-Dichloropro	0.531	0.725	0.735	0.759	0.822	0.714	15.26
40)	T	4-Methyl-2-pentanon	0.228	0.326	0.345	0.334	0.364	0.319	16.55
41)	S	Toluene-d8	1.140	1.232	1.287	1.348	1.361	1.274	7.13
42)	T	Toluene	1.736	2.431	2.313	2.311	2.366	2.231	12.60
43)	S	trans-1,3-Dichlorop	0.152	0.158	0.155	0.166	0.178	0.162	6.49
44)	T	trans-1,3-Dichlorop	0.452	0.567	0.577	0.592	0.642	0.566	12.34
45)	T	1,1,2-Trichloroetha	0.305	0.392	0.354	0.335	0.352	0.347	9.03
46)	S	2-Hexanone-d5	0.045	0.047	0.062	0.069	0.080	0.061	24.39
47)	T	Tetrachloroethene	0.370	0.470	0.412	0.400	0.403	0.411	8.83
48)	T	2-Hexanone	0.145	0.225	0.246	0.241	0.261	0.224	20.49
49)	T	Dibromochloromethan	0.346	0.438	0.399	0.405	0.434	0.404	9.15
50)	T	1,2-Dibromoethane	0.263	0.332	0.318	0.306	0.330	0.310	9.12
51)	T	Chlorobenzene	1.222	1.557	1.393	1.397	1.441	1.402	8.60
52)	T	Ethylbenzene	1.869	2.505	2.506	2.584	2.707	2.434	13.41

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	m,p-xylene	0.682	0.894	0.909	0.937	0.993	0.883	13.44
54)	T	o-xylene	0.606	0.814	0.868	0.903	0.974	0.833	16.74
55)	T	Styrene	0.965	1.374	1.508	1.571	1.670	1.417	19.37
56)	T	Isopropylbenzene	1.620	2.307	2.409	2.526	2.666	2.306	17.60
57)	S	1,1,2,2-Tetrachloro	0.322	0.303	0.305	0.303	0.332	0.313	4.32
58)	T	1,1,2,2-Tetrachloro	0.327	0.415	0.404	0.387	0.421	0.391	9.66
59)		1,2,3-Trichloroprop	0.269	0.349	0.304	0.296	0.313	0.306	9.43
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.351	0.448	0.398	0.398	0.437	0.406	9.36
62)	T	1,3-Dichlorobenzene	1.857	2.386	2.167	2.137	2.247	2.159	9.00
63)	T	1,4-Dichlorobenzene	2.044	2.504	2.162	2.133	2.266	2.222	7.93
64)	S	1,2-Dichlorobenzene	0.984	0.915	0.889	0.879	0.922	0.918	4.45
65)	T	1,2-Dichlorobenzene	1.749	2.166	1.964	1.957	2.056	1.978	7.76
66)	T	1,2-Dibromo-3-chlor	0.149	0.139	0.128	0.116	0.135	0.133	9.11
67)		1,3,5-Trichlorobenz	1.396	1.684	1.581	1.587	1.729	1.595	8.03
68)	T	1,2,4-trichlorobenz	0.792	1.161	1.178	1.228	1.386	1.149	18.99
69)		Naphthalene	1.120	1.384	1.685	1.944	2.386	1.704	28.85
70)	T	1,2,3-Trichlorobenz	0.767	1.014	1.062	1.120	1.238	1.040	16.73

(#) = Out of Range