Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SOMVTR071420WMA.M
Title : TRACE VOA SOM01.0
Last Update : Wed Jul 15 02:29:30 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VV017472.D 1 =VV017473.D 5 =VV017474.D
10 =VV017475.D 20 =VV017476.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.620	0.586	0.595	0.570	0.579	0.590	3.25
3)	T	Chloromethane	0.439	0.427	0.390	0.380	0.381	0.403	6.78
4)	S	Vinyl Chloride-d3	0.297	0.274	0.290	0.298	0.295	0.291	3.46
5)	T	Vinyl chloride	0.432	0.405	0.393	0.392	0.396	0.404	4.17
6)	T	Bromomethane	0.252	0.248	0.235	0.239	0.244	0.244	2.87
7)	S	Chloroethane-d5	0.242	0.217	0.229	0.231	0.237	0.231	4.06
8)	T	Chloroethane	0.263	0.230	0.228	0.225	0.221	0.233	7.25
9)	T	Trichlorofluorometh	0.770	0.738	0.739	0.716	0.726	0.738	2.75
10)	T	1,1,2-Trichloro-1,2	0.359	0.347	0.333	0.333	0.325	0.339	4.04
11)	S	1,1-Dichloroethene-	0.673	0.635	0.618	0.620	0.633	0.636	3.50
12)	T	1,1-Dichloroethene	0.307	0.306	0.298	0.298	0.296	0.301	1.73
13)	T	Acetone	0.044	0.043	0.041	0.044	0.044	0.043	3.29
14)	T	Carbon disulfide	0.936	0.947	0.931	0.911	0.932	0.931	1.41
15)	T	Methyl Acetate	0.075	0.074	0.070	0.097	0.102	0.084	17.73
16)	T	Methylene chloride	0.533	0.396	0.308	0.287	0.288	0.362	29.14
17)	T	Methyl tert-butyl E	0.775	0.753	0.733	0.733	0.744	0.747	2.33
18)	T	trans-1,2-Dichloroe	0.330	0.335	0.321	0.312	0.314	0.323	3.03
19)	T	1,1-Dichloroethane	0.636	0.642	0.616	0.608	0.615	0.623	2.36
20)	S	2-Butanone-d5	0.053	0.056	0.059	0.064	0.065	0.060	8.56
21)	T	2-Butanone	0.066	0.066	0.067	0.067	0.070	0.067	2.32
22)	T	cis-1,2-Dichloroeth	0.364	0.349	0.343	0.344	0.349	0.350	2.39
23)	T	Bromochloromethane	0.143	0.162	0.165	0.156	0.160	0.157	5.36
24)	S	Chloroform-d	0.634	0.653	0.653	0.662	0.661	0.653	1.70
25)	T	Chloroform	0.689	0.683	0.671	0.657	0.662	0.673	2.00
26)	S	1,2-Dichloroethane-	0.336	0.321	0.360	0.358	0.360	0.347	5.15
27)	T	1,2-Dichloroethane	0.447	0.436	0.443	0.436	0.438	0.440	1.08
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.705	0.699	0.720	0.703	0.708	0.707	1.14
30)	T	Cyclohexane	0.530	0.531	0.535	0.543	0.553	0.538	1.84
31)	T	Carbon tetrachlorid	0.658	0.639	0.654	0.663	0.656	0.654	1.34
32)	S	Benzene-d6	1.052	1.123	1.196	1.206	1.210	1.157	5.93
33)	T	Benzene	1.326	1.282	1.366	1.341	1.337	1.330	2.32
34)	T	Trichloroethene	0.434	0.408	0.405	0.391	0.393	0.406	4.28
35)	T	Methylcyclohexane	0.571	0.579	0.599	0.617	0.624	0.598	3.85
36)	S	1,2-Dichloropropane	0.306	0.316	0.323	0.331	0.325	0.320	2.99
37)	T	1,2-Dichloropropane	0.342	0.296	0.296	0.304	0.302	0.308	6.29
38)	T	Bromodichloromethan	0.496	0.441	0.486	0.479	0.483	0.477	4.44
39)	T	cis-1,3-Dichloropro	0.454	0.483	0.503	0.513	0.524	0.495	5.57
40)	T	4-Methyl-2-pentanon	0.142	0.154	0.175	0.171	0.172	0.163	8.61
41)	S	Toluene-d8	1.012	1.093	1.164	1.174	1.190	1.127	6.57
42)	T	Toluene	1.399	1.392	1.525	1.509	1.522	1.469	4.61
43)	MA	1,3,5-Trimethylbenz	1.259	1.310	1.532	1.577	1.615	1.458	11.15
44)	MA	1,2,4-Trimethylbenz	1.209	1.289	1.558	1.587	1.620	1.452	13.04
45)	S	trans-1,3-Dichlorop	0.149	0.137	0.158	0.167	0.167	0.156	8.36
46)	T	trans-1,3-Dichlorop	0.411	0.389	0.459	0.457	0.464	0.436	7.81
47)	T	1,1,2-Trichloroetha	0.235	0.235	0.230	0.226	0.225	0.230	2.01
48)	S	2-Hexanone-d5	0.033	0.038	0.049	0.056	0.056	0.046	22.65
49)	T	Tetrachloroethene	0.351	0.337	0.354	0.342	0.345	0.346	2.01
50)	T	2-Hexanone	0.115	0.114	0.125	0.121	0.123	0.120	4.28
51)	T	Dibromochloromethan	0.305	0.302	0.328	0.320	0.330	0.317	4.14
52)	T	1,2-Dibromoethane	0.221	0.235	0.224	0.223	0.224	0.225	2.47

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	Chlorobenzene	0.971	0.963	1.009	0.982	0.995	0.984	1.88
54)	T	Ethylbenzene	1.569	1.566	1.740	1.756	1.775	1.681	6.21
55)	T	m,p-xylene	0.582	0.595	0.666	0.664	0.672	0.636	6.87
56)	T	o-xylene	0.590	0.567	0.628	0.642	0.648	0.615	5.71
57)	T	Styrene	0.923	0.963	1.095	1.083	1.111	1.035	8.29
58)	T	Isopropylbenzene	1.623	1.613	1.827	1.803	1.840	1.741	6.51
59)	S	1,1,2,2-Tetrachloro	0.219	0.213	0.226	0.237	0.240	0.227	5.12
60)	T	1,1,2,2-Tetrachloro	0.227	0.219	0.239	0.237	0.241	0.232	3.99
61)	I	1,4-Dichlorobenzene-d	ISTD						
62)	T	Bromoform	0.319	0.309	0.323	0.325	0.332	0.322	2.59
63)	T	1,3-Dichlorobenzene	1.519	1.563	1.566	1.546	1.578	1.555	1.46
64)	T	1,4-Dichlorobenzene	1.542	1.563	1.544	1.517	1.549	1.543	1.09
65)	S	1,2-Dichlorobenzene	0.848	0.864	0.845	0.848	0.869	0.855	1.28
66)	T	1,2-Dichlorobenzene	1.443	1.404	1.413	1.376	1.408	1.409	1.69
67)	T	1,2-Dibromo-3-chlor	0.077	0.092	0.086	0.085	0.094	0.087	7.61
68)	MA	1,3,5-Trichlorobenz	1.190	1.312	1.267	1.259	1.294	1.264	3.70
69)	T	1,2,4-trichlorobenz	0.946	1.027	1.037	1.056	1.124	1.038	6.13
70)	MA	Naphthalene	1.234	1.323	1.473	1.572	1.703	1.461	12.87
71)	T	1,2,3-Trichlorobenz	0.785	0.868	0.936	0.929	0.960	0.895	7.89

(#) = Out of Range