Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SOMVTR061720WMA.M
Title : TRACE VOA SOM01.0
Last Update : Thu Jun 18 01:18:42 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VV016954.D 1 =VV016955.D 5 =VV016956.D
10 =VV016957.D 20 =VV016958.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.429	0.393	0.400	0.383	0.391	0.399	4.42
3)	T	Chloromethane	0.359	0.346	0.339	0.322	0.325	0.338	4.51
4)	S	Vinyl Chloride-d3	0.285	0.289	0.294	0.318	0.315	0.300	5.10
5)	T	Vinyl chloride	0.348	0.329	0.322	0.319	0.323	0.328	3.50
6)	T	Bromomethane	0.210	0.194	0.185	0.182	0.185	0.191	6.02
7)	S	Chloroethane-d5	0.234	0.212	0.214	0.220	0.211	0.218	4.33
8)	T	Chloroethane	0.211	0.198	0.177	0.161	0.159	0.181	12.63
9)	T	Trichlorofluorometh	0.553	0.528	0.535	0.521	0.520	0.531	2.52
10)	T	1,1,2-Trichloro-1,2	0.270	0.269	0.265	0.258	0.262	0.265	1.79
11)	S	1,1-Dichloroethene-	0.591	0.561	0.553	0.573	0.577	0.571	2.58
12)	T	1,1-Dichloroethene	0.246	0.239	0.243	0.233	0.238	0.240	2.10
13)	T	Acetone	0.039	0.039	0.038	0.038	0.039	0.039	1.69
14)	T	Carbon disulfide	0.751	0.735	0.697	0.699	0.714	0.719	3.24
15)	T	Methyl Acetate	0.107	0.094	0.089	0.092	0.090	0.095	7.43
16)	T	Methylene chloride	0.298	0.280	0.246	0.228	0.232	0.257	12.01
17)	T	Methyl tert-butyl E	0.616	0.614	0.598	0.598	0.587	0.603	2.03
18)	T	trans-1,2-Dichloroe	0.265	0.270	0.245	0.244	0.249	0.254	4.69
19)	T	1,1-Dichloroethane	0.581	0.604	0.562	0.552	0.557	0.571	3.73
20)	S	2-Butanone-d5	0.073	0.069	0.075	0.082	0.083	0.076	7.58
21)	T	2-Butanone	0.066	0.072	0.074	0.075	0.077	0.073	6.03
22)	T	cis-1,2-Dichloroeth	0.365	0.359	0.341	0.334	0.340	0.348	3.79
23)	T	Bromochloromethane	0.142	0.154	0.149	0.148	0.146	0.148	2.85
24)	S	Chloroform-d	0.661	0.614	0.610	0.660	0.664	0.642	4.25
25)	T	Chloroform	0.629	0.622	0.622	0.625	0.623	0.624	0.49
26)	S	1,2-Dichloroethane-	0.335	0.325	0.326	0.361	0.354	0.340	4.79
27)	T	1,2-Dichloroethane	0.378	0.419	0.378	0.380	0.384	0.388	4.49
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.582	0.598	0.599	0.603	0.613	0.599	1.85
30)	T	Cyclohexane	0.583	0.572	0.553	0.571	0.571	0.570	1.88
31)	T	Carbon tetrachlorid	0.522	0.558	0.529	0.544	0.551	0.541	2.74
32)	S	Benzene-d6	1.257	1.235	1.256	1.383	1.352	1.297	5.11
33)	T	Benzene	1.245	1.323	1.316	1.333	1.329	1.309	2.78
34)	T	Trichloroethene	0.391	0.406	0.378	0.371	0.372	0.383	3.84
35)	T	Methylcyclohexane	0.610	0.572	0.593	0.596	0.610	0.596	2.60
36)	S	1,2-Dichloropropane	0.383	0.389	0.373	0.402	0.394	0.388	2.77
37)	T	1,2-Dichloropropane	0.318	0.328	0.323	0.327	0.324	0.324	1.18
38)	T	Bromodichloromethan	0.437	0.444	0.430	0.440	0.451	0.440	1.77
39)	T	cis-1,3-Dichloropro	0.424	0.468	0.485	0.505	0.526	0.482	8.03
40)	T	4-Methyl-2-pentanon	0.170	0.185	0.190	0.195	0.195	0.187	5.57
41)	S	Toluene-d8	1.186	1.111	1.212	1.309	1.267	1.217	6.24
42)	T	Toluene	1.694	1.495	1.481	1.469	1.472	1.522	6.33
43)	MA	1,3,5-Trimethylbenz	1.184	1.285	1.414	1.451	1.473	1.361	9.03
44)	MA	1,2,4-Trimethylbenz	1.182	1.309	1.463	1.475	1.502	1.386	9.86
45)	S	trans-1,3-Dichlorop	0.150	0.157	0.153	0.173	0.175	0.162	7.18
46)	T	trans-1,3-Dichlorop	0.384	0.397	0.419	0.437	0.446	0.417	6.23
47)	T	1,1,2-Trichloroetha	0.229	0.238	0.230	0.230	0.223	0.230	2.30
48)	S	2-Hexanone-d5	0.050	0.049	0.062	0.073	0.074	0.062	19.35
49)	T	Tetrachloroethene	0.312	0.313	0.308	0.303	0.308	0.309	1.26
50)	T	2-Hexanone	0.119	0.133	0.136	0.139	0.138	0.133	6.32
51)	T	Dibromochloromethan	0.265	0.266	0.285	0.284	0.294	0.279	4.51
52)	T	1,2-Dibromoethane	0.215	0.223	0.217	0.218	0.217	0.218	1.34

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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	Chlorobenzene	0.944	0.976	0.949	0.934	0.943	0.949	1.70
54)	T	Ethylbenzene	1.554	1.548	1.667	1.673	1.683	1.625	4.18
55)	T	m,p-xylene	0.661	0.612	0.638	0.638	0.637	0.637	2.74
56)	T	o-xylene	0.568	0.581	0.606	0.611	0.608	0.595	3.21
57)	T	Styrene	0.888	0.935	1.017	1.040	1.047	0.985	7.15
58)	T	Isopropylbenzene	1.493	1.585	1.692	1.711	1.702	1.637	5.82
59)	S	1,1,2,2-Tetrachloro	0.247	0.234	0.251	0.285	0.272	0.258	7.91
60)	T	1,1,2,2-Tetrachloro	0.222	0.224	0.244	0.254	0.245	0.238	5.88
61)	I	1,4-Dichlorobenzene-d	ISTD						
62)	T	Bromoform	0.254	0.260	0.266	0.267	0.291	0.268	5.23
63)	T	1,3-Dichlorobenzene	1.511	1.546	1.507	1.479	1.484	1.505	1.78
64)	T	1,4-Dichlorobenzene	1.586	1.590	1.502	1.487	1.484	1.530	3.52
65)	S	1,2-Dichlorobenzene	1.024	0.892	0.872	0.927	0.906	0.924	6.42
66)	T	1,2-Dichlorobenzene	1.419	1.345	1.374	1.352	1.342	1.366	2.34
67)	T	1,2-Dibromo-3-chlor	0.066	0.074	0.071	0.080	0.086	0.076	10.08
68)	MA	1,3,5-Trichlorobenz	1.216	1.208	1.212	1.199	1.212	1.209	0.55
69)	T	1,2,4-trichlorobenz	0.996	0.967	0.989	1.004	1.023	0.996	2.05
70)	MA	Naphthalene	1.269	1.317	1.402	1.494	1.547	1.406	8.28
71)	T	1,2,3-Trichlorobenz	0.775	0.795	0.818	0.830	0.842	0.812	3.34

(#) = Out of Range