Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SOMVTR053020WMA.M
Title : TRACE VOA SOM01.0
Last Update : Mon Jun 01 03:56:35 2020
Response Via : Initial Calibration

Calibration Files
0.5 =VV016354.D 1 =VV016355.D 5 =VV016356.D
10 =VV016357.D 20 =VV016358.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.401	0.388	0.425	0.416	0.408	0.408	3.43
3)	T	Chloromethane	0.546	0.498	0.494	0.490	0.469	0.499	5.71
4)	S	Vinyl Chloride-d3	0.407	0.447	0.437	0.453	0.446	0.438	4.20
5)	T	Vinyl chloride	0.430	0.430	0.464	0.460	0.446	0.446	3.52
6)	T	Bromomethane	0.238	0.244	0.256	0.262	0.253	0.251	3.84
7)	S	Chloroethane-d5	0.328	0.339	0.327	0.337	0.332	0.333	1.63
8)	T	Chloroethane	0.273	0.268	0.283	0.265	0.254	0.269	4.00
9)	T	Trichlorofluorometh	0.584	0.597	0.634	0.617	0.588	0.604	3.47
10)	T	1,1,2-Trichloro-1,2	0.327	0.334	0.354	0.347	0.332	0.339	3.37
11)	S	1,1-Dichloroethene-	0.720	0.775	0.766	0.790	0.777	0.765	3.51
12)	T	1,1-Dichloroethene	0.312	0.328	0.332	0.321	0.316	0.322	2.54
13)	T	Acetone	0.088	0.063	0.057	0.057	0.054	0.064	22.28
14)	T	Carbon disulfide	0.930	0.946	1.001	1.015	1.000	0.979	3.89
15)	T	Methyl Acetate	0.196	0.176	0.144	0.143	0.138	0.159	15.83
16)	T	Methylene chloride	0.346	0.365	0.349	0.337	0.324	0.344	4.38
17)	T	Methyl tert-butyl E	0.704	0.737	0.777	0.788	0.762	0.754	4.49
18)	T	trans-1,2-Dichloroe	0.348	0.332	0.347	0.348	0.332	0.342	2.49
19)	T	1,1-Dichloroethane	0.629	0.676	0.698	0.690	0.676	0.674	3.97
20)	S	2-Butanone-d5	0.077	0.093	0.095	0.104	0.103	0.094	11.16
21)	T	2-Butanone	0.089	0.081	0.099	0.101	0.099	0.094	9.27
22)	T	cis-1,2-Dichloroeth	0.365	0.369	0.381	0.388	0.382	0.377	2.58
23)	T	Bromochloromethane	0.127	0.139	0.154	0.159	0.156	0.147	9.30
24)	S	Chloroform-d	0.666	0.747	0.747	0.771	0.772	0.741	5.85
25)	T	Chloroform	0.624	0.667	0.697	0.703	0.685	0.675	4.66
26)	S	1,2-Dichloroethane-	0.347	0.389	0.389	0.403	0.399	0.386	5.84
27)	T	1,2-Dichloroethane	0.407	0.436	0.466	0.465	0.452	0.445	5.49
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroetha	0.507	0.562	0.617	0.631	0.629	0.589	9.13
30)	T	Cyclohexane	0.559	0.596	0.659	0.675	0.684	0.635	8.59
31)	T	Carbon tetrachlorid	0.450	0.480	0.534	0.536	0.536	0.507	7.84
32)	S	Benzene-d6	1.247	1.417	1.418	1.509	1.514	1.421	7.60
33)	T	Benzene	1.390	1.418	1.526	1.552	1.517	1.481	4.85
34)	T	Trichloroethene	0.367	0.374	0.402	0.405	0.393	0.388	4.37
35)	T	Methylcyclohexane	0.572	0.551	0.642	0.681	0.681	0.625	9.74
36)	S	1,2-Dichloropropane	0.411	0.453	0.427	0.450	0.452	0.439	4.26
37)	T	1,2-Dichloropropane	0.337	0.360	0.399	0.387	0.389	0.374	6.79
38)	T	Bromodichloromethan	0.406	0.430	0.465	0.478	0.472	0.450	6.90
39)	T	cis-1,3-Dichloropro	0.402	0.425	0.510	0.558	0.578	0.494	15.93
40)	T	4-Methyl-2-pentanon	0.192	0.204	0.238	0.253	0.244	0.226	11.79
41)	S	Toluene-d8	1.099	1.262	1.319	1.402	1.414	1.299	9.85
42)	T	Toluene	1.349	1.456	1.673	1.712	1.678	1.574	10.26
43)	MA	1,3,5-Trimethylbenz	1.000	1.179	1.537	1.631	1.633	1.396	20.74
44)	MA	1,2,4-Trimethylbenz	1.011	1.201	1.553	1.674	1.671	1.422	21.10
45)	S	trans-1,3-Dichlorop	0.118	0.150	0.161	0.178	0.185	0.158	16.82
46)	T	trans-1,3-Dichlorop	0.300	0.345	0.438	0.473	0.487	0.408	20.12
47)	T	1,1,2-Trichloroetha	0.217	0.226	0.248	0.255	0.251	0.239	7.06
48)	S	2-Hexanone-d5	0.053	0.064	0.075	0.087	0.089	0.074	20.48
49)	T	Tetrachloroethene	0.278	0.267	0.287	0.297	0.294	0.285	4.29
50)	T	2-Hexanone	0.123	0.141	0.169	0.180	0.176	0.158	15.71
51)	T	Dibromochloromethan	0.193	0.233	0.257	0.281	0.288	0.250	15.54
52)	T	1,2-Dibromoethane	0.191	0.224	0.237	0.242	0.238	0.226	9.26

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0.5 =VV016354.D 1 =VV016355.D 5 =VV016356.D
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		Compound	0.5	1	5	10	20	Avg	%RSD
53)	T	Chlorobenzene	0.908	0.949	1.017	1.041	1.024	0.988	5.77
54)	T	Ethylbenzene	1.458	1.540	1.841	1.919	1.920	1.736	12.70
55)	T	m,p-xylene	0.540	0.580	0.690	0.723	0.715	0.650	12.94
56)	T	o-xylene	0.495	0.538	0.660	0.684	0.682	0.612	14.57
57)	T	Styrene	0.807	0.899	1.139	1.199	1.181	1.045	17.20
58)	T	Isopropylbenzene	1.287	1.477	1.783	1.904	1.886	1.667	16.37
59)	S	1,1,2,2-Tetrachloro	0.268	0.308	0.310	0.332	0.332	0.310	8.50
60)	T	1,1,2,2-Tetrachloro	0.272	0.296	0.308	0.321	0.313	0.302	6.25
61)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
62)	T	Bromoform	0.179	0.180	0.217	0.237	0.243	0.211	14.45
63)	T	1,3-Dichlorobenzene	1.344	1.481	1.618	1.634	1.625	1.540	8.20
64)	T	1,4-Dichlorobenzene	1.533	1.550	1.610	1.652	1.616	1.592	3.09
65)	S	1,2-Dichlorobenzene	0.882	0.962	0.900	0.947	0.952	0.928	3.81
66)	T	1,2-Dichlorobenzene	1.323	1.424	1.453	1.494	1.474	1.434	4.68
67)	T	1,2-Dibromo-3-chlor	0.088	0.082	0.094	0.100	0.104	0.093	9.53
68)	MA	1,3,5-Trichlorobenz	1.000	1.009	1.154	1.187	1.194	1.109	8.69
69)	T	1,2,4-trichlorobenz	0.899	0.839	0.960	1.013	1.049	0.952	8.92
70)	MA	Naphthalene	3.177	2.344	1.869	1.991	2.020	2.280	23.30
71)	T	1,2,3-Trichlorobenz	0.729	0.796	0.873	0.923	0.926	0.849	10.05

(#) = Out of Range