Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SOMVLM060320WMA.M
Title : VOC Analysis
Last Update : Wed Jun 03 00:46:36 2020
Response Via : Initial Calibration

Calibration Files
5 =VV016429.D 10 =VV016430.D 50 =VV016431.D
100 =VV016432.D 200 =VV016433.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.457	0.438	0.354	0.401	0.414	0.413	9.57
3)	T	Chloromethane	0.433	0.432	0.351	0.381	0.391	0.397	8.77
4)	S	Vinyl Chloride-d3	0.346	0.347	0.353	0.360	0.364	0.354	2.19
5)	T	Vinyl chloride	0.412	0.409	0.337	0.375	0.387	0.384	7.92
6)	T	Bromomethane	0.201	0.213	0.172	0.203	0.210	0.200	8.17
7)	S	Chloroethane-d5	0.259	0.267	0.256	0.258	0.238	0.256	4.10
8)	T	Chloroethane	0.238	0.242	0.195	0.207	0.195	0.215	10.68
9)	T	Trichlorofluorometh	0.607	0.587	0.483	0.534	0.562	0.555	8.72
10)	T	1,1,2-Trichloro-1,2	0.297	0.318	0.250	0.285	0.292	0.288	8.53
11)	S	1,1-Dichloroethene-	0.605	0.651	0.604	0.634	0.645	0.628	3.51
12)	T	1,1-Dichloroethene	0.297	0.290	0.247	0.272	0.282	0.278	7.02
13)	T	Acetone	0.274	0.244	0.173	0.183	0.184	0.212	21.05
14)	T	Carbon disulfide	1.001	0.963	0.843	0.972	1.026	0.961	7.36
15)	T	Methyl Acetate	0.406	0.401	0.338	0.390	0.410	0.389	7.54
16)	T	Methylene chloride	0.466	0.423	0.329	0.367	0.372	0.391	13.70
17)	T	trans-1,2-Dichloroe	0.372	0.368	0.307	0.344	0.360	0.350	7.57
18)	T	Methyl tert-butyl E	1.115	1.120	0.950	1.095	1.142	1.084	7.11
19)	T	1,1-Dichloroethane	0.706	0.681	0.564	0.631	0.658	0.648	8.42
20)	T	cis-1,2-Dichloroeth	0.399	0.392	0.334	0.376	0.389	0.378	6.93
21)	S	2-Butanone-d5	0.189	0.229	0.219	0.242	0.254	0.226	10.88
22)	T	2-Butanone	0.271	0.260	0.231	0.270	0.281	0.263	7.29
23)	T	Bromochloromethane	0.204	0.200	0.172	0.195	0.201	0.195	6.59
24)	S	Chloroform-d	0.638	0.664	0.648	0.678	0.694	0.665	3.37
25)	T	Chloroform	0.742	0.712	0.599	0.664	0.678	0.679	7.92
26)	S	1,2-Dichloroethane-	0.429	0.449	0.438	0.451	0.457	0.445	2.50
27)	T	1,2-Dichloroethane	0.579	0.591	0.488	0.541	0.560	0.552	7.35
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.613	0.594	0.527	0.601	0.633	0.593	6.73
30)	T	1,1,1-Trichloroetha	0.633	0.628	0.539	0.607	0.640	0.609	6.79
31)	T	Carbon tetrachlorid	0.549	0.537	0.456	0.522	0.556	0.524	7.66
32)	S	Benzene-d6	1.243	1.336	1.360	1.361	1.397	1.339	4.35
33)	T	Benzene	1.543	1.535	1.317	1.448	1.509	1.470	6.37
34)	T	Trichloroethene	0.416	0.401	0.337	0.376	0.398	0.386	7.94
35)	T	Methylcyclohexane	0.556	0.548	0.494	0.571	0.600	0.554	6.97
36)	S	1,2-Dichloropropane	0.391	0.423	0.416	0.420	0.436	0.417	3.90
37)	T	1,2-Dichloropropane	0.404	0.395	0.344	0.377	0.397	0.383	6.27
38)	T	Bromodichloromethan	0.488	0.504	0.440	0.499	0.532	0.492	6.79
39)	T	cis-1,3-Dichloropro	0.505	0.521	0.513	0.600	0.655	0.559	11.76
40)	T	4-Methyl-2-pentanon	0.513	0.523	0.473	0.548	0.581	0.527	7.63
41)	S	Toluene-d8	1.101	1.208	1.231	1.255	1.287	1.216	5.81
42)	T	Toluene	1.600	1.619	1.413	1.553	1.606	1.558	5.46
43)	S	trans-1,3-Dichlorop	0.177	0.188	0.207	0.216	0.230	0.203	10.38
44)	T	trans-1,3-Dichlorop	0.499	0.520	0.500	0.589	0.633	0.548	10.97
45)	T	1,1,2-Trichloroetha	0.394	0.394	0.330	0.360	0.374	0.371	7.22
46)	T	Tetrachloroethene	0.296	0.315	0.262	0.298	0.316	0.297	7.32
47)	S	2-Hexanone-d5	0.146	0.169	0.179	0.193	0.207	0.179	13.08
48)	T	2-Hexanone	0.413	0.423	0.362	0.414	0.438	0.410	6.99
49)	T	Dibromochloromethan	0.335	0.351	0.324	0.377	0.415	0.360	10.13
50)	T	1,2-Dibromoethane	0.411	0.400	0.349	0.389	0.411	0.392	6.54
51)	T	Chlorobenzene	1.092	1.088	0.896	0.999	1.045	1.024	7.89
52)	T	Ethylbenzene	1.683	1.730	1.527	1.730	1.809	1.696	6.17

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.618	0.661	0.583	0.658	0.678	0.639	6.01
54)	T	o-xylene	0.607	0.632	0.565	0.635	0.657	0.619	5.67
55)	T	Styrene	1.043	1.102	1.004	1.119	1.157	1.085	5.65
56)	T	Isopropylbenzene	1.598	1.617	1.462	1.651	1.715	1.609	5.81
57)	S	1,1,2,2-Tetrachloro	0.545	0.570	0.564	0.568	0.584	0.566	2.48
58)	T	1,1,2,2-Tetrachloro	0.642	0.624	0.525	0.577	0.604	0.595	7.70
59)		1,2,3-Trichloroprop	0.529	0.509	0.409	0.458	0.486	0.478	9.81
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.373	0.377	0.355	0.461	0.526	0.419	17.40
62)	T	1,3-Dichlorobenzene	1.651	1.639	1.341	1.537	1.578	1.549	8.09
63)	T	1,4-Dichlorobenzene	1.766	1.711	1.378	1.574	1.608	1.607	9.31
64)	S	1,2-Dichlorobenzene	0.924	0.956	0.910	0.951	0.958	0.940	2.30
65)	T	1,2-Dichlorobenzene	1.707	1.636	1.339	1.537	1.578	1.559	8.91
66)	T	1,2-Dibromo-3-chlor	0.240	0.245	0.198	0.239	0.262	0.237	10.00
67)		1,3,5-Trichlorobenz	1.144	1.042	0.896	1.030	1.098	1.042	8.96
68)	T	1,2,4-trichlorobenz	1.060	0.925	0.824	0.978	1.036	0.965	9.79
69)		Naphthalene	3.039	2.928	2.565	3.069	3.207	2.962	8.20
70)	T	1,2,3-Trichlorobenz	1.007	0.911	0.782	0.923	0.963	0.917	9.20

(#) = Out of Range