Response Factor Report MSVOA_X

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
Method File : SOMXLM090220WMA.M
Title : VOC Analysis
Last Update : Thu Sep 03 04:30:06 2020
Response Via : Initial Calibration

Calibration Files
5 =VX018206.D 10 =VX018207.D 50 =VX018208.D
100 =VX018209.D 200 =VX018210.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.523	0.369	0.411	0.419	0.405	0.425	13.62
3)	T	Chloromethane	0.455	0.329	0.380	0.392	0.392	0.390	11.47
4)	S	Vinyl Chloride-d3	0.432	0.390	0.401	0.401	0.393	0.403	4.13
5)	T	Vinyl chloride	0.460	0.341	0.377	0.384	0.375	0.387	11.27
6)	T	Bromomethane	0.237	0.194	0.222	0.233	0.222	0.222	7.59
7)	S	Chloroethane-d5	0.330	0.296	0.301	0.299	0.291	0.303	5.07
8)	T	Chloroethane	0.283	0.196	0.219	0.223	0.217	0.228	14.38
9)	T	Trichlorofluorometh	0.784	0.550	0.633	0.643	0.604	0.643	13.46
10)	T	1,1,2-Trichloro-1,2	0.406	0.314	0.335	0.354	0.339	0.350	9.93
11)	S	1,1-Dichloroethene-	0.835	0.736	0.752	0.781	0.772	0.775	4.91
12)	T	1,1-Dichloroethene	0.387	0.280	0.310	0.337	0.330	0.329	11.95
13)	T	Acetone	0.177	0.135	0.157	0.163	0.165	0.159	9.67
14)	T	Carbon disulfide	1.251	0.920	0.997	1.034	1.006	1.042	11.95
15)	T	Methyl Acetate	0.470	0.324	0.383	0.394	0.386	0.391	13.34
16)	T	Methylene chloride	0.451	0.326	0.364	0.370	0.353	0.373	12.55
17)	T	trans-1,2-Dichloroe	0.436	0.297	0.344	0.347	0.341	0.353	14.34
18)	T	Methyl tert-butyl E	1.187	0.917	1.113	1.155	1.136	1.102	9.68
19)	T	1,1-Dichloroethane	0.783	0.582	0.644	0.662	0.635	0.661	11.21
20)	T	cis-1,2-Dichloroeth	0.421	0.320	0.378	0.384	0.382	0.377	9.65
21)	S	2-Butanone-d5	0.267	0.252	0.286	0.297	0.294	0.279	6.89
22)	T	2-Butanone	0.279	0.212	0.262	0.275	0.277	0.261	10.75
23)	T	Bromochloromethane	0.249	0.187	0.200	0.214	0.204	0.211	11.05
24)	S	Chloroform-d	0.738	0.678	0.733	0.767	0.759	0.735	4.75
25)	T	Chloroform	0.948	0.705	0.721	0.724	0.684	0.756	14.32
26)	S	1,2-Dichloroethane-	0.605	0.535	0.539	0.542	0.525	0.549	5.82
27)	T	1,2-Dichloroethane	0.653	0.495	0.566	0.583	0.569	0.573	9.83
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.599	0.449	0.548	0.599	0.556	0.550	11.12
30)	T	1,1,1-Trichloroetha	0.833	0.615	0.655	0.694	0.636	0.687	12.67
31)	T	Carbon tetrachlorid	0.744	0.539	0.614	0.639	0.590	0.625	12.18
32)	S	Benzene-d6	1.560	1.445	1.473	1.538	1.411	1.485	4.21
33)	T	Benzene	1.681	1.268	1.406	1.501	1.378	1.447	10.72
34)	T	Trichloroethene	0.480	0.368	0.390	0.411	0.381	0.406	10.85
35)	T	Methylcyclohexane	0.609	0.469	0.565	0.615	0.564	0.565	10.30
36)	S	1,2-Dichloropropane	0.479	0.461	0.466	0.482	0.447	0.467	3.08
37)	T	1,2-Dichloropropane	0.463	0.328	0.365	0.396	0.363	0.383	13.28
38)	T	Bromodichloromethan	0.646	0.466	0.523	0.568	0.526	0.546	12.23
39)	T	cis-1,3-Dichloropro	0.609	0.507	0.598	0.654	0.619	0.597	9.16
40)	T	4-Methyl-2-pentanon	0.538	0.411	0.531	0.575	0.543	0.519	12.10
41)	S	Toluene-d8	1.526	1.400	1.407	1.492	1.380	1.441	4.45
42)	T	Toluene	1.701	1.336	1.550	1.665	1.511	1.553	9.29
43)	S	trans-1,3-Dichlorop	0.252	0.239	0.263	0.281	0.268	0.260	6.10
44)	T	trans-1,3-Dichlorop	0.660	0.527	0.622	0.683	0.649	0.628	9.64
45)	T	1,1,2-Trichloroetha	0.460	0.335	0.376	0.388	0.365	0.385	12.07
46)	T	Tetrachloroethene	0.378	0.280	0.316	0.333	0.311	0.324	11.12
47)	S	2-Hexanone-d5	0.185	0.174	0.214	0.237	0.225	0.207	12.91
48)	T	2-Hexanone	0.448	0.328	0.426	0.464	0.434	0.420	12.70
49)	T	Dibromochloromethan	0.513	0.397	0.462	0.507	0.477	0.471	9.92
50)	T	1,2-Dibromoethane	0.451	0.347	0.393	0.432	0.413	0.407	9.76
51)	T	Chlorobenzene	1.207	0.922	1.021	1.103	1.034	1.057	9.99
52)	T	Ethylbenzene	1.866	1.431	1.719	1.865	1.776	1.731	10.34

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.691	0.551	0.657	0.716	0.691	0.661	9.84
54)	T	o-xylene	0.638	0.508	0.643	0.696	0.670	0.631	11.49
55)	T	Styrene	1.094	0.857	1.120	1.230	1.151	1.090	12.84
56)	T	Isopropylbenzene	1.682	1.368	1.714	1.883	1.794	1.688	11.56
57)	S	1,1,2,2-Tetrachloro	0.682	0.591	0.620	0.654	0.601	0.630	6.05
58)	T	1,1,2,2-Tetrachloro	0.652	0.492	0.552	0.587	0.540	0.565	10.57
59)		1,2,3-Trichloroprop	0.557	0.428	0.477	0.519	0.466	0.489	10.12
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.776	0.588	0.704	0.772	0.706	0.709	10.68
62)	T	1,3-Dichlorobenzene	1.803	1.418	1.653	1.698	1.639	1.642	8.58
63)	T	1,4-Dichlorobenzene	1.913	1.438	1.637	1.695	1.676	1.672	10.12
64)	S	1,2-Dichlorobenzene	1.112	1.046	1.088	1.116	1.069	1.086	2.74
65)	T	1,2-Dichlorobenzene	1.760	1.404	1.575	1.619	1.553	1.582	8.09
66)	T	1,2-Dibromo-3-chlor	0.325	0.265	0.290	0.301	0.299	0.296	7.22
67)		1,3,5-Trichlorobenz	1.155	0.909	1.074	1.099	1.121	1.072	8.95
68)	T	1,2,4-trichlorobenz	1.013	0.781	0.977	1.092	1.081	0.989	12.72
69)		Naphthalene	2.787	2.286	3.343	3.641	3.576	3.127	18.48
70)	T	1,2,3-Trichlorobenz	1.021	0.837	1.010	1.064	1.013	0.989	8.85

(#) = Out of Range