Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
Method File : SOMVLM030620WMA.M
Title : VOC Analysis
Last Update : Fri Mar 06 22:55:27 2020
Response Via : Initial Calibration

Calibration Files
5 =VV014760.D 10 =VV014761.D 50 =VV014762.D
100 =VV014763.D 200 =VV014764.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.528	0.476	0.492	0.487	0.488	0.494	4.00
3)	T	Chloromethane	0.460	0.424	0.429	0.434	0.430	0.435	3.29
4)	S	Vinyl Chloride-d3	0.316	0.318	0.345	0.358	0.354	0.338	5.80
5)	T	Vinyl chloride	0.422	0.382	0.402	0.406	0.405	0.403	3.55
6)	T	Bromomethane	0.259	0.240	0.248	0.250	0.254	0.250	2.75
7)	S	Chloroethane-d5	0.265	0.258	0.267	0.274	0.273	0.268	2.39
8)	T	Chloroethane	0.221	0.211	0.218	0.218	0.216	0.217	1.64
9)	T	Trichlorofluorometh	0.570	0.510	0.534	0.541	0.541	0.539	3.98
10)	T	1,1,2-Trichloro-1,2	0.299	0.266	0.271	0.277	0.275	0.278	4.58
11)	S	1,1-Dichloroethene-	0.548	0.546	0.570	0.579	0.569	0.562	2.57
12)	T	1,1-Dichloroethene	0.290	0.264	0.271	0.266	0.266	0.272	3.99
13)	T	Acetone	0.243	0.205	0.217	0.201	0.188	0.211	9.90
14)	T	Carbon disulfide	0.926	0.833	0.888	0.913	0.930	0.898	4.42
15)	T	Methyl Acetate	0.390	0.384	0.404	0.401	0.399	0.396	2.10
16)	T	Methylene chloride	0.397	0.355	0.365	0.364	0.364	0.369	4.37
17)	T	trans-1,2-Dichloroe	0.357	0.311	0.339	0.335	0.337	0.336	4.82
18)	T	Methyl tert-butyl E	1.121	1.032	1.105	1.114	1.121	1.099	3.45
19)	T	1,1-Dichloroethane	0.689	0.619	0.660	0.655	0.654	0.655	3.82
20)	T	cis-1,2-Dichloroeth	0.380	0.354	0.378	0.380	0.385	0.375	3.24
21)	S	2-Butanone-d5	0.191	0.238	0.270	0.281	0.281	0.252	15.23
22)	T	2-Butanone	0.236	0.234	0.306	0.308	0.306	0.278	14.14
23)	T	Bromochloromethane	0.197	0.186	0.189	0.192	0.191	0.191	2.00
24)	S	Chloroform-d	0.619	0.582	0.644	0.676	0.682	0.641	6.48
25)	T	Chloroform	0.683	0.685	0.700	0.670	0.658	0.679	2.35
26)	S	1,2-Dichloroethane-	0.410	0.429	0.443	0.451	0.444	0.435	3.75
27)	T	1,2-Dichloroethane	0.555	0.499	0.525	0.525	0.526	0.526	3.76
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.613	0.558	0.621	0.624	0.630	0.609	4.76
30)	T	1,1,1-Trichloroetha	0.611	0.560	0.573	0.579	0.575	0.580	3.24
31)	T	Carbon tetrachlorid	0.495	0.465	0.494	0.500	0.506	0.492	3.20
32)	S	Benzene-d6	1.175	1.286	1.368	1.393	1.379	1.320	6.89
33)	T	Benzene	1.497	1.379	1.463	1.458	1.445	1.449	2.99
34)	T	Trichloroethene	0.391	0.365	0.376	0.378	0.383	0.379	2.56
35)	T	Methylcyclohexane	0.636	0.582	0.625	0.639	0.642	0.625	3.99
36)	S	1,2-Dichloropropane	0.398	0.437	0.444	0.458	0.451	0.438	5.39
37)	T	1,2-Dichloropropane	0.401	0.374	0.397	0.393	0.393	0.391	2.66
38)	T	Bromodichloromethan	0.502	0.470	0.500	0.508	0.510	0.498	3.21
39)	T	cis-1,3-Dichloropro	0.592	0.560	0.611	0.647	0.658	0.614	6.53
40)	T	4-Methyl-2-pentanon	0.547	0.543	0.575	0.590	0.581	0.567	3.65
41)	S	Toluene-d8	1.174	1.243	1.341	1.360	1.347	1.293	6.27
42)	T	Toluene	1.602	1.544	1.613	1.623	1.609	1.598	1.96
43)	S	trans-1,3-Dichlorop	0.179	0.197	0.224	0.233	0.236	0.214	11.52
44)	T	trans-1,3-Dichlorop	0.540	0.520	0.569	0.580	0.588	0.559	5.10
45)	T	1,1,2-Trichloroetha	0.364	0.360	0.356	0.363	0.360	0.361	0.91
46)	T	Tetrachloroethene	0.317	0.301	0.306	0.311	0.314	0.310	2.04
47)	S	2-Hexanone-d5	0.153	0.183	0.203	0.215	0.217	0.194	13.86
48)	T	2-Hexanone	0.427	0.415	0.467	0.463	0.459	0.446	5.27
49)	T	Dibromochloromethan	0.381	0.364	0.396	0.405	0.418	0.393	5.34
50)	T	1,2-Dibromoethane	0.380	0.383	0.391	0.396	0.399	0.390	2.09
51)	T	Chlorobenzene	1.032	0.989	1.031	1.042	1.047	1.028	2.25
52)	T	Ethylbenzene	1.769	1.694	1.829	1.862	1.848	1.800	3.86

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.663	0.629	0.683	0.701	0.701	0.676	4.46
54)	T	o-xylene	0.646	0.616	0.677	0.687	0.692	0.664	4.84
55)	T	Styrene	1.055	1.046	1.176	1.201	1.196	1.135	6.84
56)	T	Isopropylbenzene	1.769	1.646	1.796	1.842	1.835	1.778	4.47
57)	S	1,1,2,2-Tetrachloro	0.543	0.579	0.615	0.635	0.637	0.602	6.69
58)	T	1,1,2,2-Tetrachloro	0.627	0.598	0.618	0.629	0.632	0.621	2.21
59)		1,2,3-Trichloroprop	0.506	0.487	0.502	0.504	0.501	0.500	1.49
60)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------	----------	
61)	T	Bromoform	0.531	0.516	0.537	0.554	0.575	0.542	4.17
62)	T	1,3-Dichlorobenzene	1.674	1.567	1.619	1.613	1.612	1.617	2.34
63)	T	1,4-Dichlorobenzene	1.656	1.585	1.645	1.634	1.626	1.629	1.68
64)	S	1,2-Dichlorobenzene	0.932	0.992	0.995	1.020	1.017	0.991	3.56
65)	T	1,2-Dichlorobenzene	1.710	1.566	1.586	1.598	1.588	1.610	3.56
66)	T	1,2-Dibromo-3-chlor	0.271	0.253	0.272	0.282	0.288	0.273	4.86
67)		1,3,5-Trichlorobenz	1.273	1.190	1.232	1.262	1.296	1.250	3.29
68)	T	1,2,4-trichlorobenz	1.129	1.081	1.142	1.173	1.222	1.149	4.55
69)		Naphthalene	1.590	1.607	1.745	1.844	1.865	1.730	7.43
70)	T	1,2,3-Trichlorobenz	1.117	1.070	1.153	1.187	1.202	1.146	4.69

(#) = Out of Range