Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMULM071718WMA.M
Title : VOC Analysis
Last Update : Wed Jul 18 05:47:13 2018
Response Via : Initial Calibration

Calibration Files
5 =VU025453.D 10 =VU025454.D 50 =VU025455.D
100 =VU025456.D 200 =VU025457.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.479	0.437	0.382	0.377	0.381	0.411	10.95
3)	T	Chloromethane	0.416	0.379	0.347	0.332	0.345	0.364	9.28
4)	S	Vinyl Chloride-d3	0.241	0.240	0.234	0.231	0.232	0.236	1.98
5)	T	Vinyl chloride	0.407	0.389	0.356	0.332	0.345	0.366	8.51
6)	T	Bromomethane	0.216	0.203	0.198	0.202	0.178	0.199	6.82
7)	S	Chloroethane-d5	0.215	0.210	0.191	0.194	0.195	0.201	5.37
8)	T	Chloroethane	0.253	0.231	0.208	0.200	0.203	0.219	10.40
9)	T	Trichlorofluorometh	0.630	0.572	0.509	0.490	0.490	0.538	11.39
10)	T	1,1,2-Trichloro-1,2	0.356	0.293	0.258	0.268	0.286	0.292	13.06
11)	S	1,1-Dichloroethene-	0.553	0.536	0.503	0.486	0.511	0.518	5.18
12)	T	1,1-Dichloroethene	0.306	0.279	0.261	0.246	0.263	0.271	8.49
13)	T	Acetone	0.294	0.247	0.193	0.183	0.179	0.219	22.75
14)	T	Carbon disulfide	0.997	0.923	0.827	0.805	0.826	0.876	9.35
15)	T	Methyl Acetate	0.473	0.423	0.400	0.364	0.365	0.405	11.24
16)	T	Methylene chloride	0.410	0.372	0.345	0.318	0.326	0.354	10.54
17)	T	trans-1,2-Dichloroe	0.363	0.335	0.311	0.295	0.298	0.321	8.86
18)	T	Methyl tert-butyl E	1.246	1.187	1.143	1.044	1.058	1.136	7.55
19)	T	1,1-Dichloroethane	0.734	0.672	0.632	0.581	0.588	0.641	9.91
20)	T	cis-1,2-Dichloroeth	0.465	0.415	0.380	0.347	0.356	0.392	12.27
21)	S	2-Butanone-d5	0.239	0.271	0.261	0.243	0.240	0.251	5.77
22)	T	2-Butanone	0.331	0.334	0.297	0.272	0.272	0.302	10.09
23)	T	Bromochloromethane	0.212	0.204	0.199	0.181	0.187	0.197	6.36
24)	S	Chloroform-d	0.622	0.630	0.615	0.598	0.593	0.612	2.58
25)	T	Chloroform	0.761	0.710	0.670	0.610	0.619	0.674	9.39
26)	S	1,2-Dichloroethane-	0.432	0.443	0.416	0.395	0.394	0.416	5.29
27)	T	1,2-Dichloroethane	0.625	0.602	0.555	0.509	0.507	0.560	9.58
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.662	0.595	0.550	0.536	0.537	0.576	9.37
30)	T	1,1,1-Trichloroetha	0.776	0.714	0.653	0.597	0.587	0.665	12.03
31)	T	Carbon tetrachlorid	0.648	0.615	0.581	0.540	0.538	0.585	8.19
32)	S	Benzene-d6	1.231	1.258	1.224	1.177	1.152	1.208	3.54
33)	T	Benzene	1.692	1.584	1.455	1.340	1.324	1.479	10.70
34)	T	Trichloroethene	0.455	0.413	0.378	0.355	0.356	0.392	10.91
35)	T	Methylcyclohexane	0.699	0.611	0.524	0.565	0.573	0.595	11.13
36)	S	1,2-Dichloropropane	0.421	0.415	0.401	0.385	0.379	0.400	4.52
37)	T	1,2-Dichloropropane	0.450	0.442	0.409	0.374	0.365	0.408	9.43
38)	T	Bromodichloromethan	0.609	0.588	0.550	0.502	0.505	0.551	8.72
39)	T	cis-1,3-Dichloropro	0.694	0.613	0.649	0.594	0.612	0.632	6.28
40)	T	4-Methyl-2-pentanon	0.640	0.637	0.588	0.547	0.547	0.592	7.77
41)	S	Toluene-d8	1.172	1.211	1.167	1.158	1.140	1.170	2.25
42)	T	Toluene	1.741	1.658	1.543	1.471	1.473	1.577	7.54
43)	S	trans-1,3-Dichlorop	0.203	0.210	0.210	0.210	0.209	0.208	1.51
44)	T	trans-1,3-Dichlorop	0.651	0.612	0.605	0.579	0.588	0.607	4.55
45)	T	1,1,2-Trichloroetha	0.428	0.409	0.383	0.359	0.356	0.387	8.11
46)	T	Tetrachloroethene	0.378	0.339	0.297	0.308	0.311	0.327	10.02
47)	S	2-Hexanone-d5	0.194	0.213	0.211	0.208	0.211	0.207	3.71
48)	T	2-Hexanone	0.519	0.505	0.469	0.433	0.438	0.473	8.18
49)	T	Dibromochloromethan	0.498	0.474	0.469	0.446	0.455	0.468	4.22
50)	T	1,2-Dibromoethane	0.461	0.454	0.425	0.399	0.396	0.427	7.07
51)	T	Chlorobenzene	1.148	1.118	1.024	0.999	1.003	1.058	6.57
52)	T	Ethylbenzene	1.947	1.786	1.699	1.674	1.697	1.761	6.41

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMULM071718WMA.M
Title : VOC Analysis
Last Update : Wed Jul 18 05:47:13 2018
Response Via : Initial Calibration

Calibration Files
5 =VU025453.D 10 =VU025454.D 50 =VU025455.D
100 =VU025456.D 200 =VU025457.D

		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.734	0.687	0.647	0.648	0.658	0.675	5.48
54)	T	o-xylene	0.740	0.690	0.662	0.652	0.660	0.681	5.33
55)	T	Styrene	1.165	1.100	1.107	1.111	1.139	1.124	2.44
56)	T	Isopropylbenzene	1.906	1.769	1.693	1.704	1.743	1.763	4.86
57)	S	1,1,2,2-Tetrachloro	0.572	0.602	0.594	0.597	0.607	0.594	2.26
58)	T	1,1,2,2-Tetrachloro	0.745	0.692	0.647	0.614	0.632	0.666	7.91
59)		1,2,3-Trichloroprop	0.598	0.585	0.525	0.499	0.506	0.543	8.46
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.725	0.781	0.731	0.637	0.652	0.705	8.46
62)	T	1,3-Dichlorobenzene	1.856	1.786	1.585	1.519	1.540	1.657	9.25
63)	T	1,4-Dichlorobenzene	1.909	1.782	1.594	1.531	1.557	1.675	9.79
64)	S	1,2-Dichlorobenzene	1.018	1.083	1.000	0.957	0.951	1.002	5.34
65)	T	1,2-Dichlorobenzene	1.989	1.904	1.702	1.576	1.578	1.750	10.82
66)	T	1,2-Dibromo-3-chlor	0.374	0.358	0.335	0.287	0.283	0.327	12.55
67)		1,3,5-Trichlorobenz	1.504	1.307	1.152	1.191	1.214	1.274	11.06
68)	T	1,2,4-trichlorobenz	1.275	1.178	1.051	1.075	1.100	1.136	8.01
69)		Naphthalene	4.233	4.181	3.968	3.660	3.609	3.930	7.33
70)	T	1,2,3-Trichlorobenz	1.394	1.278	1.185	1.137	1.131	1.225	9.07

(#) = Out of Range