Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
Method File : SOMULM072018WMA.M
Title : VOC Analysis
Last Update : Mon Jul 23 14:36:22 2018
Response Via : Initial Calibration

Calibration Files
5 =VU025528.D 10 =VU025529.D 50 =VU025572.D
100 =VU025531.D 200 =VU025532.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.552	0.528	0.474	0.454	0.455	0.493	9.08
3)	T	Chloromethane	0.395	0.380	0.338	0.336	0.330	0.356	8.31
4)	S	Vinyl Chloride-d3	0.292	0.281	0.280	0.287	0.287	0.285	1.69
5)	T	Vinyl chloride	0.427	0.408	0.378	0.364	0.374	0.390	6.72
6)	T	Bromomethane	0.115	0.118	0.132	0.151	0.162	0.136	15.18
7)	S	Chloroethane-d5	0.255	0.240	0.227	0.227	0.228	0.235	5.21
8)	T	Chloroethane	0.249	0.247	0.224	0.215	0.214	0.230	7.34
9)	T	Trichlorofluorometh	0.611	0.598	0.531	0.520	0.519	0.556	8.12
10)	T	1,1,2-Trichloro-1,2	0.326	0.324	0.312	0.293	0.301	0.311	4.55
11)	S	1,1-Dichloroethene-	0.612	0.595	0.590	0.577	0.597	0.594	2.08
12)	T	1,1-Dichloroethene	0.295	0.293	0.276	0.268	0.279	0.282	4.09
13)	T	Acetone	0.333	0.290	0.247	0.220	0.204	0.259	20.42
14)	T	Carbon disulfide	0.986	0.942	0.887	0.878	0.902	0.919	4.85
15)	T	Methyl Acetate	0.396	0.371	0.353	0.330	0.337	0.358	7.50
16)	T	Methylene chloride	0.385	0.376	0.340	0.328	0.330	0.352	7.62
17)	T	trans-1,2-Dichloroe	0.361	0.345	0.310	0.300	0.309	0.325	8.17
18)	T	Methyl tert-butyl E	1.127	1.096	1.036	1.009	1.021	1.058	4.83
19)	T	1,1-Dichloroethane	0.677	0.660	0.601	0.574	0.578	0.618	7.68
20)	T	cis-1,2-Dichloroeth	0.394	0.380	0.358	0.346	0.356	0.367	5.39
21)	S	2-Butanone-d5	0.207	0.223	0.225	0.223	0.225	0.220	3.42
22)	T	2-Butanone	0.324	0.315	0.282	0.262	0.257	0.288	10.57
23)	T	Bromochloromethane	0.206	0.198	0.191	0.186	0.186	0.194	4.43
24)	S	Chloroform-d	0.648	0.632	0.640	0.627	0.632	0.636	1.32
25)	T	Chloroform	0.713	0.687	0.633	0.606	0.612	0.650	7.30
26)	S	1,2-Dichloroethane-	0.445	0.429	0.415	0.409	0.405	0.420	3.91
27)	T	1,2-Dichloroethane	0.569	0.570	0.524	0.492	0.496	0.530	7.18
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.637	0.582	0.573	0.544	0.561	0.579	6.07
30)	T	1,1,1-Trichloroetha	0.662	0.684	0.614	0.581	0.587	0.626	7.30
31)	T	Carbon tetrachlorid	0.653	0.605	0.562	0.529	0.545	0.579	8.69
32)	S	Benzene-d6	1.302	1.308	1.281	1.258	1.262	1.282	1.77
33)	T	Benzene	1.586	1.506	1.416	1.332	1.344	1.437	7.55
34)	T	Trichloroethene	0.425	0.400	0.370	0.352	0.359	0.381	8.04
35)	T	Methylcyclohexane	0.652	0.629	0.604	0.589	0.599	0.615	4.20
36)	S	1,2-Dichloropropane	0.433	0.427	0.405	0.399	0.402	0.413	3.73
37)	T	1,2-Dichloropropane	0.430	0.416	0.387	0.363	0.367	0.393	7.52
38)	T	Bromodichloromethan	0.548	0.549	0.504	0.488	0.498	0.518	5.58
39)	T	cis-1,3-Dichloropro	0.631	0.597	0.619	0.589	0.609	0.609	2.78
40)	T	4-Methyl-2-pentanon	0.520	0.534	0.519	0.491	0.514	0.516	3.03
41)	S	Toluene-d8	1.252	1.183	1.247	1.223	1.244	1.230	2.29
42)	T	Toluene	1.643	1.588	1.543	1.475	1.497	1.549	4.40
43)	S	trans-1,3-Dichlorop	0.207	0.202	0.214	0.210	0.222	0.211	3.52
44)	T	trans-1,3-Dichlorop	0.589	0.569	0.568	0.562	0.584	0.574	2.00
45)	T	1,1,2-Trichloroetha	0.419	0.399	0.367	0.344	0.353	0.377	8.37
46)	T	Tetrachloroethene	0.349	0.345	0.328	0.311	0.320	0.330	4.86
47)	S	2-Hexanone-d5	0.152	0.163	0.178	0.181	0.191	0.173	9.03
48)	T	2-Hexanone	0.470	0.447	0.432	0.409	0.419	0.436	5.51
49)	T	Dibromochloromethan	0.452	0.436	0.443	0.432	0.446	0.442	1.78
50)	T	1,2-Dibromoethane	0.435	0.428	0.398	0.378	0.389	0.406	6.13
51)	T	Chlorobenzene	1.132	1.074	1.016	0.982	1.012	1.043	5.72
52)	T	Ethylbenzene	1.767	1.705	1.705	1.663	1.710	1.710	2.18

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.659	0.641	0.659	0.648	0.668	0.655	1.62
54)	T	o-xylene	0.703	0.656	0.661	0.642	0.662	0.665	3.39
55)	T	Styrene	1.055	1.032	1.101	1.084	1.142	1.082	3.93
56)	T	Isopropylbenzene	1.720	1.689	1.722	1.692	1.753	1.715	1.51
57)	S	1,1,2,2-Tetrachloro	0.573	0.563	0.580	0.574	0.599	0.578	2.32
58)	T	1,1,2,2-Tetrachloro	0.641	0.626	0.599	0.570	0.601	0.607	4.51
59)		1,2,3-Trichloroprop	0.491	0.486	0.451	0.431	0.447	0.461	5.68
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.680	0.689	0.627	0.609	0.628	0.647	5.48
62)	T	1,3-Dichlorobenzene	1.697	1.643	1.550	1.489	1.530	1.582	5.41
63)	T	1,4-Dichlorobenzene	1.775	1.631	1.587	1.524	1.555	1.614	6.08
64)	S	1,2-Dichlorobenzene	1.047	1.022	1.015	0.988	0.995	1.013	2.29
65)	T	1,2-Dichlorobenzene	1.782	1.752	1.642	1.544	1.565	1.657	6.47
66)	T	1,2-Dibromo-3-chlor	0.289	0.265	0.260	0.242	0.247	0.261	7.08
67)		1,3,5-Trichlorobenz	1.288	1.211	1.214	1.187	1.205	1.221	3.17
68)	T	1,2,4-trichlorobenz	0.988	0.987	1.044	1.033	1.078	1.026	3.80
69)		Naphthalene	2.800	2.917	3.232	3.192	3.287	3.086	6.94
70)	T	1,2,3-Trichlorobenz	1.073	1.072	1.099	1.077	1.102	1.085	1.34

(#) = Out of Range