Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMULM101919WMA.M
Title : VOC Analysis
Last Update : Mon Oct 21 05:05:03 2019
Response Via : Initial Calibration

Calibration Files
5 =VU035305.D 10 =VU035300.D 50 =VU035301.D
100 =VU035302.D 200 =VU035303.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.430	0.381	0.403	0.416	0.404	0.407	4.40
3)	T	Chloromethane	0.432	0.419	0.407	0.435	0.414	0.422	2.79
4)	S	Vinyl Chloride-d3	0.420	0.410	0.432	0.447	0.441	0.430	3.48
5)	T	Vinyl chloride	0.433	0.418	0.422	0.441	0.430	0.429	2.12
6)	T	Bromomethane	0.264	0.249	0.246	0.265	0.260	0.257	3.44
7)	S	Chloroethane-d5	0.353	0.352	0.365	0.371	0.364	0.361	2.29
8)	T	Chloroethane	0.272	0.260	0.260	0.267	0.260	0.264	2.12
9)	T	Trichlorofluorometh	0.563	0.529	0.535	0.549	0.533	0.542	2.56
10)	T	1,1,2-Trichloro-1,2	0.330	0.304	0.317	0.320	0.308	0.316	3.14
11)	S	1,1-Dichloroethene-	0.708	0.682	0.711	0.728	0.720	0.710	2.45
12)	T	1,1-Dichloroethene	0.314	0.300	0.303	0.311	0.305	0.307	1.94
13)	T	Acetone	0.267	0.255	0.257	0.251	0.241	0.254	3.86
14)	T	Carbon disulfide	1.086	0.914	0.927	0.964	0.937	0.966	7.20
15)	T	Methyl Acetate	0.385	0.358	0.369	0.387	0.380	0.376	3.22
16)	T	Methylene chloride	0.380	0.359	0.359	0.367	0.353	0.363	2.89
17)	T	trans-1,2-Dichloroe	0.331	0.322	0.326	0.336	0.328	0.328	1.56
18)	T	Methyl tert-butyl E	1.039	1.013	1.044	1.071	1.057	1.045	2.09
19)	T	1,1-Dichloroethane	0.634	0.615	0.625	0.637	0.616	0.625	1.59
20)	T	cis-1,2-Dichloroeth	0.375	0.359	0.368	0.385	0.377	0.373	2.65
21)	S	2-Butanone-d5	0.285	0.256	0.283	0.297	0.305	0.285	6.58
22)	T	2-Butanone	0.303	0.295	0.309	0.317	0.313	0.308	2.83
23)	T	Bromochloromethane	0.192	0.182	0.185	0.192	0.184	0.187	2.52
24)	S	Chloroform-d	0.658	0.665	0.711	0.726	0.715	0.695	4.49
25)	T	Chloroform	0.666	0.647	0.640	0.651	0.625	0.646	2.35
26)	S	1,2-Dichloroethane-	0.462	0.443	0.452	0.464	0.457	0.456	1.86
27)	T	1,2-Dichloroethane	0.511	0.487	0.501	0.512	0.490	0.500	2.33
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.584	0.530	0.562	0.567	0.552	0.559	3.57
30)	T	1,1,1-Trichloroetha	0.563	0.552	0.549	0.548	0.524	0.547	2.60
31)	T	Carbon tetrachlorid	0.494	0.461	0.481	0.490	0.469	0.479	2.91
32)	S	Benzene-d6	1.414	1.438	1.464	1.467	1.426	1.442	1.61
33)	T	Benzene	1.432	1.404	1.429	1.431	1.374	1.414	1.78
34)	T	Trichloroethene	0.383	0.357	0.366	0.362	0.354	0.364	3.14
35)	T	Methylcyclohexane	0.576	0.531	0.563	0.579	0.567	0.563	3.37
36)	S	1,2-Dichloropropane	0.461	0.450	0.463	0.470	0.460	0.461	1.55
37)	T	1,2-Dichloropropane	0.375	0.359	0.370	0.370	0.357	0.366	2.15
38)	T	Bromodichloromethan	0.493	0.476	0.491	0.497	0.491	0.490	1.60
39)	T	cis-1,3-Dichloropro	0.557	0.538	0.599	0.634	0.631	0.592	7.29
40)	T	4-Methyl-2-pentanon	0.552	0.521	0.522	0.548	0.561	0.541	3.37
41)	S	Toluene-d8	1.336	1.306	1.388	1.401	1.380	1.362	2.92
42)	T	Toluene	1.593	1.521	1.546	1.559	1.518	1.547	1.99
43)	S	trans-1,3-Dichlorop	0.229	0.220	0.242	0.248	0.255	0.239	6.04
44)	T	trans-1,3-Dichlorop	0.535	0.513	0.558	0.579	0.578	0.553	5.17
45)	T	1,1,2-Trichloroetha	0.370	0.362	0.358	0.358	0.356	0.361	1.55
46)	T	Tetrachloroethene	0.311	0.279	0.294	0.298	0.290	0.294	3.91
47)	S	2-Hexanone-d5	0.187	0.180	0.200	0.222	0.235	0.205	11.31
48)	T	2-Hexanone	0.575	0.412	0.433	0.423	0.457	0.460	14.44
49)	T	Dibromochloromethan	0.402	0.380	0.405	0.411	0.415	0.403	3.34
50)	T	1,2-Dibromoethane	0.408	0.381	0.398	0.406	0.404	0.399	2.72
51)	T	Chlorobenzene	1.054	0.984	0.995	1.009	1.005	1.009	2.65
52)	T	Ethylbenzene	1.750	1.635	1.708	1.768	1.763	1.725	3.22

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.627	0.602	0.627	0.659	0.662	0.636	3.96
54)	T	o-xylene	0.611	0.593	0.636	0.652	0.661	0.631	4.52
55)	T	Styrene	0.911	0.903	1.056	1.120	1.145	1.027	11.11
56)	T	Isopropylbenzene	1.558	1.526	1.630	1.717	1.733	1.633	5.65
57)	S	1,1,2,2-Tetrachloro	0.689	0.643	0.673	0.698	0.721	0.685	4.21
58)	T	1,1,2,2-Tetrachloro	0.623	0.607	0.629	0.642	0.653	0.631	2.81
59)		1,2,3-Trichloroprop	0.501	0.485	0.491	0.503	0.511	0.498	2.06
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.792	0.746	0.690	0.674	0.676	0.715	7.26
62)	T	1,3-Dichlorobenzene	1.810	1.552	1.586	1.587	1.588	1.625	6.44
63)	T	1,4-Dichlorobenzene	1.883	1.542	1.555	1.578	1.576	1.627	8.85
64)	S	1,2-Dichlorobenzene	1.441	1.081	1.086	1.094	1.094	1.159	13.62
65)	T	1,2-Dichlorobenzene	1.776	1.622	1.583	1.575	1.552	1.622	5.55
66)	T	1,2-Dibromo-3-chlor	0.268	0.226	0.251	0.262	0.274	0.256	7.30
67)		1,3,5-Trichlorobenz	0.886	0.728	0.897	1.010	1.024	0.909	13.11
68)	T	1,2,4-trichlorobenz	0.520	0.347	0.570	0.737	0.822	0.599	31.15
69)		Naphthalene	1.481	0.808	1.425	2.056	2.478	1.649	38.79
70)	T	1,2,3-Trichlorobenz	0.587	0.397	0.602	0.731	0.782	0.620	24.18

(#) = Out of Range