Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
Method File : SOMULM052819WMA.M
Title : VOC Analysis
Last Update : Wed May 29 05:19:36 2019
Response Via : Initial Calibration

Calibration Files
5 =VU032318.D 10 =VU032319.D 50 =VU032320.D
100 =VU032321.D 200 =VU032322.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.404	0.416	0.385	0.376	0.359	0.388	5.79
3)	T	Chloromethane	0.475	0.438	0.399	0.384	0.360	0.411	11.02
4)	S	Vinyl Chloride-d3	0.401	0.374	0.368	0.360	0.340	0.369	6.02
5)	T	Vinyl chloride	0.446	0.446	0.417	0.406	0.381	0.419	6.61
6)	T	Bromomethane	0.287	0.290	0.267	0.259	0.237	0.268	8.17
7)	S	Chloroethane-d5	0.331	0.304	0.296	0.286	0.271	0.298	7.49
8)	T	Chloroethane	0.305	0.259	0.244	0.235	0.224	0.254	12.47
9)	T	Trichlorofluorometh	0.548	0.559	0.524	0.515	0.483	0.526	5.64
10)	T	1,1,2-Trichloro-1,2	0.333	0.340	0.316	0.308	0.290	0.317	6.31
11)	S	1,1-Dichloroethene-	0.715	0.685	0.643	0.631	0.600	0.655	6.99
12)	T	1,1-Dichloroethene	0.355	0.333	0.320	0.311	0.299	0.324	6.69
13)	T	Acetone	0.263	0.252	0.225	0.212	0.190	0.229	12.90
14)	T	Carbon disulfide	1.070	0.992	0.961	0.933	0.900	0.971	6.68
15)	T	Methyl Acetate	0.375	0.388	0.366	0.360	0.337	0.365	5.20
16)	T	Methylene chloride	0.418	0.399	0.369	0.363	0.339	0.377	8.26
17)	T	trans-1,2-Dichloroe	0.346	0.350	0.332	0.327	0.311	0.333	4.70
18)	T	Methyl tert-butyl E	1.020	1.017	1.020	1.011	0.980	1.009	1.67
19)	T	1,1-Dichloroethane	0.645	0.634	0.598	0.592	0.560	0.606	5.67
20)	T	cis-1,2-Dichloroeth	0.398	0.367	0.372	0.372	0.359	0.374	3.84
21)	S	2-Butanone-d5	0.241	0.218	0.250	0.256	0.248	0.243	6.13
22)	T	2-Butanone	0.264	0.260	0.287	0.289	0.276	0.275	4.80
23)	T	Bromochloromethane	0.219	0.200	0.196	0.189	0.181	0.197	7.27
24)	S	Chloroform-d	0.707	0.644	0.644	0.630	0.599	0.645	6.13
25)	T	Chloroform	0.686	0.649	0.627	0.607	0.580	0.630	6.47
26)	S	1,2-Dichloroethane-	0.397	0.402	0.382	0.373	0.355	0.382	4.97
27)	T	1,2-Dichloroethane	0.487	0.488	0.474	0.455	0.441	0.469	4.34
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.472	0.506	0.524	0.539	0.512	0.511	4.85
30)	T	1,1,1-Trichloroetha	0.558	0.561	0.516	0.507	0.477	0.524	6.75
31)	T	Carbon tetrachlorid	0.470	0.472	0.446	0.438	0.417	0.448	5.13
32)	S	Benzene-d6	1.352	1.348	1.310	1.309	1.238	1.311	3.48
33)	T	Benzene	1.487	1.440	1.384	1.385	1.301	1.399	5.00
34)	T	Trichloroethene	0.378	0.374	0.363	0.355	0.337	0.362	4.56
35)	T	Methylcyclohexane	0.507	0.556	0.560	0.568	0.555	0.549	4.45
36)	S	1,2-Dichloropropane	0.443	0.410	0.399	0.403	0.381	0.407	5.53
37)	T	1,2-Dichloropropane	0.383	0.393	0.357	0.357	0.336	0.365	6.24
38)	T	Bromodichloromethan	0.486	0.498	0.463	0.458	0.443	0.470	4.76
39)	T	cis-1,3-Dichloropro	0.496	0.531	0.543	0.568	0.563	0.540	5.36
40)	T	4-Methyl-2-pentanon	0.432	0.463	0.487	0.503	0.499	0.477	6.16
41)	S	Toluene-d8	1.227	1.236	1.226	1.238	1.190	1.224	1.58
42)	T	Toluene	1.509	1.552	1.529	1.552	1.475	1.523	2.12
43)	S	trans-1,3-Dichlorop	0.168	0.176	0.189	0.199	0.199	0.186	7.43
44)	T	trans-1,3-Dichlorop	0.416	0.469	0.478	0.504	0.499	0.473	7.43
45)	T	1,1,2-Trichloroetha	0.382	0.359	0.352	0.355	0.339	0.357	4.41
46)	T	Tetrachloroethene	0.300	0.312	0.291	0.289	0.277	0.294	4.42
47)	S	2-Hexanone-d5	0.142	0.150	0.174	0.195	0.193	0.171	14.07
48)	T	2-Hexanone	0.359	0.353	0.400	0.421	0.410	0.389	7.90
49)	T	Dibromochloromethan	0.384	0.390	0.382	0.389	0.389	0.387	0.95
50)	T	1,2-Dibromoethane	0.381	0.381	0.375	0.376	0.372	0.377	1.11
51)	T	Chlorobenzene	0.988	1.020	0.975	0.975	0.953	0.982	2.50
52)	T	Ethylbenzene	1.527	1.591	1.663	1.696	1.654	1.626	4.15

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.553	0.615	0.651	0.664	0.646	0.626	7.09
54)	T	o-xylene	0.572	0.616	0.645	0.660	0.647	0.628	5.62
55)	T	Styrene	0.884	0.985	1.114	1.151	1.134	1.054	10.94
56)	T	Isopropylbenzene	1.416	1.517	1.657	1.706	1.672	1.594	7.69
57)	S	1,1,2,2-Tetrachloro	0.636	0.637	0.600	0.624	0.613	0.622	2.54
58)	T	1,1,2,2-Tetrachloro	0.625	0.634	0.598	0.617	0.611	0.617	2.21
59)		1,2,3-Trichloroprop	0.511	0.492	0.469	0.482	0.470	0.485	3.64
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.714	0.675	0.597	0.598	0.601	0.637	8.52
62)	T	1,3-Dichlorobenzene	1.562	1.570	1.506	1.523	1.499	1.532	2.11
63)	T	1,4-Dichlorobenzene	1.619	1.634	1.581	1.552	1.518	1.581	3.00
64)	S	1,2-Dichlorobenzene	1.152	1.011	1.001	0.986	0.949	1.020	7.60
65)	T	1,2-Dichlorobenzene	1.731	1.669	1.601	1.562	1.498	1.612	5.63
66)	T	1,2-Dibromo-3-chlor	0.262	0.265	0.266	0.268	0.261	0.264	1.08
67)		1,3,5-Trichlorobenz	1.076	1.140	1.170	1.179	1.147	1.143	3.54
68)	T	1,2,4-trichlorobenz	0.652	0.752	0.937	1.014	1.035	0.878	19.20
69)		Naphthalene	1.657	1.987	2.941	3.294	3.265	2.629	28.85
70)	T	1,2,3-Trichlorobenz	0.753	0.872	1.015	1.069	1.039	0.950	14.04

(#) = Out of Range