Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMULM091919WMA.M
Title : VOC Analysis
Last Update : Thu Sep 19 17:44:37 2019
Response Via : Initial Calibration

Calibration Files
5 =VU034650.D 10 =VU034651.D 50 =VU034652.D
100 =VU034653.D 200 =VU034654.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.637	0.489	0.488	0.474	0.488	0.515	13.26
3)	T	Chloromethane	0.781	0.582	0.575	0.571	0.577	0.617	14.87
4)	S	Vinyl Chloride-d3	0.592	0.502	0.497	0.487	0.482	0.512	8.85
5)	T	Vinyl chloride	0.685	0.539	0.542	0.524	0.528	0.564	12.14
6)	T	Bromomethane	0.383	0.271	0.292	0.282	0.311	0.308	14.50
7)	S	Chloroethane-d5	0.464	0.386	0.387	0.375	0.366	0.396	9.90
8)	T	Chloroethane	0.399	0.303	0.314	0.302	0.304	0.325	12.94
9)	T	Trichlorofluorometh	0.881	0.683	0.671	0.650	0.669	0.711	13.50
10)	T	1,1,2-Trichloro-1,2	0.437	0.320	0.325	0.311	0.311	0.341	15.87
11)	S	1,1-Dichloroethene-	0.994	0.829	0.847	0.815	0.849	0.867	8.37
12)	T	1,1-Dichloroethene	0.400	0.312	0.318	0.300	0.306	0.327	12.70
13)	T	Acetone	0.672	0.454	0.414	0.381	0.360	0.456	27.58
14)	T	Carbon disulfide	1.327	1.044	1.068	1.035	1.045	1.104	11.35
15)	T	Methyl Acetate	0.688	0.587	0.580	0.589	0.604	0.610	7.34
16)	T	Methylene chloride	0.534	0.376	0.393	0.384	0.384	0.414	16.23
17)	T	trans-1,2-Dichloroe	0.434	0.337	0.340	0.334	0.344	0.358	11.92
18)	T	Methyl tert-butyl E	1.608	1.229	1.277	1.245	1.275	1.327	11.95
19)	T	1,1-Dichloroethane	1.008	0.769	0.784	0.762	0.779	0.820	12.82
20)	T	cis-1,2-Dichloroeth	0.507	0.392	0.398	0.395	0.399	0.418	11.86
21)	S	2-Butanone-d5	0.331	0.369	0.408	0.417	0.436	0.392	10.65
22)	T	2-Butanone	0.661	0.534	0.514	0.502	0.504	0.543	12.36
23)	T	Bromochloromethane	0.243	0.184	0.192	0.188	0.193	0.200	12.18
24)	S	Chloroform-d	0.801	0.671	0.759	0.740	0.750	0.744	6.30
25)	T	Chloroform	1.028	0.784	0.753	0.736	0.739	0.808	15.40
26)	S	1,2-Dichloroethane-	0.631	0.518	0.534	0.521	0.531	0.547	8.68
27)	T	1,2-Dichloroethane	0.834	0.661	0.685	0.653	0.656	0.698	11.08
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	1.038	0.797	0.791	0.758	0.742	0.825	14.67
30)	T	1,1,1-Trichloroetha	0.882	0.643	0.634	0.619	0.624	0.681	16.64
31)	T	Carbon tetrachlorid	0.713	0.561	0.554	0.532	0.540	0.580	13.00
32)	S	Benzene-d6	1.731	1.538	1.531	1.482	1.467	1.550	6.84
33)	T	Benzene	2.081	1.693	1.667	1.629	1.601	1.734	11.36
34)	T	Trichloroethene	0.539	0.403	0.402	0.399	0.398	0.428	14.40
35)	T	Methylcyclohexane	0.895	0.711	0.686	0.677	0.665	0.727	13.17
36)	S	1,2-Dichloropropane	0.602	0.529	0.544	0.514	0.519	0.542	6.56
37)	T	1,2-Dichloropropane	0.635	0.498	0.497	0.479	0.473	0.516	12.97
38)	T	Bromodichloromethan	0.749	0.605	0.600	0.585	0.592	0.626	11.02
39)	T	cis-1,3-Dichloropro	0.946	0.723	0.725	0.748	0.738	0.776	12.30
40)	T	4-Methyl-2-pentanon	1.164	0.929	0.931	0.934	0.971	0.986	10.24
41)	S	Toluene-d8	1.641	1.420	1.476	1.424	1.411	1.474	6.54
42)	T	Toluene	2.250	1.802	1.813	1.753	1.752	1.874	11.32
43)	S	trans-1,3-Dichlorop	0.276	0.232	0.261	0.261	0.268	0.259	6.47
44)	T	trans-1,3-Dichlorop	0.779	0.641	0.689	0.688	0.699	0.699	7.15
45)	T	1,1,2-Trichloroetha	0.493	0.399	0.392	0.393	0.391	0.414	10.70
46)	T	Tetrachloroethene	0.344	0.307	0.288	0.281	0.286	0.301	8.64
47)	S	2-Hexanone-d5	0.262	0.250	0.273	0.280	0.295	0.272	6.31
48)	T	2-Hexanone	0.910	0.705	0.730	0.734	0.770	0.770	10.62
49)	T	Dibromochloromethan	0.531	0.428	0.442	0.449	0.455	0.461	8.76
50)	T	1,2-Dibromoethane	0.513	0.416	0.430	0.434	0.436	0.446	8.55
51)	T	Chlorobenzene	1.418	1.077	1.083	1.054	1.065	1.139	13.69
52)	T	Ethylbenzene	2.630	1.974	2.004	1.965	1.979	2.110	13.77

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.897	0.704	0.718	0.704	0.714	0.747	11.21
54)	T	o-xylene	0.852	0.709	0.713	0.708	0.714	0.739	8.53
55)	T	Styrene	1.431	1.154	1.207	1.216	1.249	1.251	8.49
56)	T	Isopropylbenzene	2.410	1.883	1.895	1.873	1.906	1.994	11.70
57)	S	1,1,2,2-Tetrachloro	0.823	0.725	0.734	0.733	0.742	0.752	5.37
58)	T	1,1,2,2-Tetrachloro	0.954	0.754	0.750	0.752	0.761	0.794	11.23
59)		1,2,3-Trichloroprop	0.793	0.616	0.603	0.600	0.612	0.645	12.91
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.772	0.651	0.663	0.669	0.686	0.688	7.04
62)	T	1,3-Dichlorobenzene	2.165	1.656	1.616	1.593	1.627	1.732	14.06
63)	T	1,4-Dichlorobenzene	2.297	1.659	1.630	1.615	1.619	1.764	16.92
64)	S	1,2-Dichlorobenzene	1.266	0.972	1.026	0.993	0.985	1.048	11.78
65)	T	1,2-Dichlorobenzene	2.211	1.709	1.631	1.596	1.600	1.750	14.97
66)	T	1,2-Dibromo-3-chlor	0.417	0.352	0.354	0.367	0.370	0.372	7.09
67)		1,3,5-Trichlorobenz	1.457	1.045	1.073	1.101	1.124	1.160	14.55
68)	T	1,2,4-trichlorobenz	0.989	0.723	0.896	0.949	1.004	0.912	12.50
69)		Naphthalene	3.612	2.221	3.029	3.381	3.549	3.158	18.07
70)	T	1,2,3-Trichlorobenz	1.100	0.791	0.876	0.949	0.978	0.939	12.30

(#) = Out of Range