Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMULM022420WMA.M
Title : VOC Analysis
Last Update : Tue Feb 25 00:46:38 2020
Response Via : Initial Calibration

Calibration Files
5 =VU036878.D 10 =VU036879.D 50 =VU036880.D
100 =VU036881.D 200 =VU036882.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.434	0.391	0.425	0.427	0.445	0.424	4.75
3)	T	Chloromethane	0.504	0.455	0.486	0.499	0.496	0.488	4.03
4)	S	Vinyl Chloride-d3	0.387	0.386	0.429	0.442	0.455	0.420	7.56
5)	T	Vinyl chloride	0.501	0.463	0.506	0.513	0.533	0.503	5.12
6)	T	Bromomethane	0.260	0.228	0.251	0.269	0.283	0.258	8.07
7)	S	Chloroethane-d5	0.329	0.317	0.356	0.366	0.369	0.347	6.69
8)	T	Chloroethane	0.305	0.290	0.303	0.302	0.309	0.302	2.45
9)	T	Trichlorofluorometh	0.556	0.491	0.537	0.532	0.553	0.534	4.87
10)	T	1,1,2-Trichloro-1,2	0.323	0.301	0.320	0.319	0.333	0.319	3.66
11)	S	1,1-Dichloroethene-	0.674	0.633	0.721	0.730	0.759	0.703	7.11
12)	T	1,1-Dichloroethene	0.325	0.297	0.323	0.327	0.343	0.323	5.05
13)	T	Acetone	0.328	0.285	0.296	0.279	0.260	0.290	8.64
14)	T	Carbon disulfide	1.028	0.935	1.018	1.035	1.093	1.022	5.55
15)	T	Methyl Acetate	0.443	0.416	0.451	0.450	0.448	0.442	3.25
16)	T	Methylene chloride	0.415	0.371	0.392	0.392	0.400	0.394	4.03
17)	T	trans-1,2-Dichloroe	0.350	0.325	0.346	0.348	0.365	0.347	4.19
18)	T	Methyl tert-butyl E	1.117	1.035	1.144	1.146	1.198	1.128	5.29
19)	T	1,1-Dichloroethane	0.685	0.620	0.684	0.678	0.703	0.674	4.67
20)	T	cis-1,2-Dichloroeth	0.382	0.361	0.388	0.394	0.415	0.388	5.06
21)	S	2-Butanone-d5	0.238	0.251	0.302	0.311	0.306	0.282	12.22
22)	T	2-Butanone	0.342	0.330	0.366	0.361	0.348	0.349	4.17
23)	T	Bromochloromethane	0.174	0.162	0.178	0.179	0.186	0.176	5.06
24)	S	Chloroform-d	0.574	0.569	0.664	0.693	0.706	0.641	10.18
25)	T	Chloroform	0.676	0.609	0.652	0.647	0.669	0.650	4.03
26)	S	1,2-Dichloroethane-	0.409	0.405	0.442	0.455	0.458	0.434	5.82
27)	T	1,2-Dichloroethane	0.527	0.496	0.542	0.533	0.550	0.530	3.91
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.662	0.610	0.682	0.674	0.690	0.664	4.79
30)	T	1,1,1-Trichloroetha	0.536	0.501	0.550	0.540	0.553	0.536	3.89
31)	T	Carbon tetrachlorid	0.420	0.377	0.426	0.434	0.444	0.420	6.08
32)	S	Benzene-d6	1.341	1.331	1.510	1.529	1.519	1.446	6.98
33)	T	Benzene	1.606	1.476	1.618	1.597	1.600	1.580	3.71
34)	T	Trichloroethene	0.393	0.362	0.394	0.393	0.400	0.388	3.84
35)	T	Methylcyclohexane	0.665	0.620	0.690	0.689	0.702	0.673	4.83
36)	S	1,2-Dichloropropane	0.430	0.426	0.491	0.498	0.497	0.468	7.87
37)	T	1,2-Dichloropropane	0.432	0.410	0.425	0.427	0.432	0.425	2.13
38)	T	Bromodichloromethan	0.490	0.465	0.510	0.513	0.532	0.502	5.09
39)	T	cis-1,3-Dichloropro	0.611	0.585	0.680	0.691	0.710	0.655	8.30
40)	T	4-Methyl-2-pentanon	0.568	0.584	0.650	0.662	0.669	0.627	7.52
41)	S	Toluene-d8	1.263	1.207	1.399	1.418	1.419	1.341	7.38
42)	T	Toluene	1.626	1.603	1.732	1.719	1.734	1.683	3.76
43)	S	trans-1,3-Dichlorop	0.191	0.182	0.228	0.242	0.246	0.218	13.51
44)	T	trans-1,3-Dichlorop	0.513	0.511	0.584	0.606	0.627	0.568	9.46
45)	T	1,1,2-Trichloroetha	0.379	0.360	0.384	0.380	0.388	0.378	2.81
46)	T	Tetrachloroethene	0.255	0.248	0.260	0.255	0.261	0.256	1.97
47)	S	2-Hexanone-d5	0.176	0.201	0.244	0.265	0.259	0.229	16.93
48)	T	2-Hexanone	0.447	0.457	0.535	0.529	0.532	0.500	8.76
49)	T	Dibromochloromethan	0.343	0.323	0.367	0.374	0.388	0.359	7.19
50)	T	1,2-Dibromoethane	0.395	0.359	0.401	0.405	0.418	0.395	5.56
51)	T	Chlorobenzene	1.001	0.926	1.010	1.008	1.041	0.997	4.28
52)	T	Ethylbenzene	1.779	1.670	1.857	1.881	1.936	1.824	5.65

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMULM022420WMA.M
Title : VOC Analysis
Last Update : Tue Feb 25 00:46:38 2020
Response Via : Initial Calibration

Calibration Files
5 =VU036878.D 10 =VU036879.D 50 =VU036880.D
100 =VU036881.D 200 =VU036882.D

		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.655	0.601	0.685	0.692	0.713	0.669	6.49
54)	T	o-xylene	0.652	0.607	0.681	0.689	0.709	0.667	5.90
55)	T	Styrene	0.971	0.956	1.126	1.166	1.235	1.091	11.24
56)	T	Isopropylbenzene	1.622	1.566	1.753	1.783	1.847	1.714	6.80
57)	S	1,1,2,2-Tetrachloro	0.577	0.593	0.687	0.717	0.728	0.660	10.72
58)	T	1,1,2,2-Tetrachloro	0.656	0.633	0.682	0.694	0.715	0.676	4.79
59)		1,2,3-Trichloroprop	0.539	0.518	0.549	0.561	0.568	0.547	3.60
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.551	0.516	0.569	0.587	0.604	0.565	6.00
62)	T	1,3-Dichlorobenzene	1.680	1.519	1.616	1.628	1.666	1.622	3.90
63)	T	1,4-Dichlorobenzene	1.657	1.493	1.587	1.609	1.667	1.603	4.36
64)	S	1,2-Dichlorobenzene	0.935	0.894	0.998	1.031	1.030	0.977	6.21
65)	T	1,2-Dichlorobenzene	1.642	1.542	1.639	1.635	1.641	1.620	2.69
66)	T	1,2-Dibromo-3-chlor	0.285	0.298	0.338	0.342	0.343	0.321	8.58
67)		1,3,5-Trichlorobenz	0.926	0.895	1.064	1.113	1.150	1.030	11.03
68)	T	1,2,4-trichlorobenz	0.510	0.598	0.833	0.927	0.989	0.771	27.07
69)		Naphthalene	0.902	0.989	1.432	1.696	1.790	1.362	29.62
70)	T	1,2,3-Trichlorobenz	0.513	0.618	0.829	0.924	0.971	0.771	25.70

(#) = Out of Range