Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMULM081619WMA.M
Title : VOC Analysis
Last Update : Fri Aug 16 02:08:19 2019
Response Via : Initial Calibration

Calibration Files
5 =VU033809.D 10 =VU033810.D 50 =VU033811.D
100 =VU033812.D 200 =VU033813.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.526	0.527	0.463	0.476	0.459	0.490	6.90
3)	T	Chloromethane	0.542	0.548	0.472	0.488	0.470	0.504	7.57
4)	S	Vinyl Chloride-d3	0.476	0.455	0.435	0.448	0.436	0.450	3.68
5)	T	Vinyl chloride	0.596	0.598	0.526	0.550	0.537	0.562	6.00
6)	T	Bromomethane	0.387	0.383	0.399	0.590	0.364	0.425	21.95
7)	S	Chloroethane-d5	0.406	0.380	0.401	0.396	0.520	0.421	13.42
8)	T	Chloroethane	0.372	0.376	0.335	0.341	0.521	0.389	19.52
9)	T	Trichlorofluorometh	0.818	0.797	0.679	0.715	0.714	0.745	8.04
10)	T	1,1,2-Trichloro-1,2	0.375	0.388	0.331	0.351	0.338	0.357	6.77
11)	S	1,1-Dichloroethene-	0.780	0.778	0.717	0.740	0.744	0.752	3.56
12)	T	1,1-Dichloroethene	0.358	0.372	0.325	0.339	0.335	0.346	5.44
13)	T	Acetone	0.264	0.262	0.218	0.223	0.192	0.232	13.34
14)	T	Carbon disulfide	1.152	1.177	1.019	1.067	1.033	1.090	6.53
15)	T	Methyl Acetate	0.393	0.416	0.364	0.376	0.364	0.382	5.83
16)	T	Methylene chloride	0.434	0.435	0.371	0.388	0.374	0.400	7.88
17)	T	trans-1,2-Dichloroe	0.378	0.376	0.336	0.359	0.352	0.360	4.86
18)	T	Methyl tert-butyl E	0.976	1.047	1.010	1.109	1.114	1.051	5.73
19)	T	1,1-Dichloroethane	0.722	0.755	0.649	0.679	0.660	0.693	6.41
20)	T	cis-1,2-Dichloroeth	0.373	0.391	0.379	0.406	0.399	0.390	3.50
21)	S	2-Butanone-d5	0.193	0.224	0.243	0.263	0.256	0.236	11.85
22)	T	2-Butanone	0.228	0.266	0.271	0.291	0.278	0.267	8.81
23)	T	Bromochloromethane	0.218	0.225	0.202	0.212	0.205	0.212	4.29
24)	S	Chloroform-d	0.756	0.729	0.705	0.729	0.700	0.724	3.09
25)	T	Chloroform	0.761	0.788	0.673	0.704	0.676	0.720	7.19
26)	S	1,2-Dichloroethane-	0.474	0.469	0.439	0.450	0.433	0.453	3.93
27)	T	1,2-Dichloroethane	0.547	0.582	0.523	0.549	0.530	0.546	4.22
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.442	0.505	0.525	0.594	0.612	0.536	12.87
30)	T	1,1,1-Trichloroetha	0.608	0.643	0.560	0.600	0.599	0.602	4.90
31)	T	Carbon tetrachlorid	0.561	0.575	0.508	0.551	0.544	0.548	4.63
32)	S	Benzene-d6	1.323	1.351	1.377	1.466	1.448	1.393	4.45
33)	T	Benzene	1.424	1.575	1.462	1.557	1.534	1.510	4.29
34)	T	Trichloroethene	0.403	0.421	0.380	0.408	0.403	0.403	3.66
35)	T	Methylcyclohexane	0.528	0.546	0.570	0.646	0.660	0.590	10.08
36)	S	1,2-Dichloropropane	0.453	0.457	0.440	0.460	0.460	0.454	1.84
37)	T	1,2-Dichloropropane	0.402	0.443	0.394	0.418	0.412	0.414	4.56
38)	T	Bromodichloromethan	0.541	0.567	0.501	0.536	0.533	0.535	4.44
39)	T	cis-1,3-Dichloropro	0.490	0.584	0.588	0.671	0.682	0.603	12.88
40)	T	4-Methyl-2-pentanon	0.419	0.459	0.482	0.534	0.533	0.486	10.14
41)	S	Toluene-d8	1.145	1.222	1.307	1.403	1.396	1.295	8.63
42)	T	Toluene	1.414	1.587	1.576	1.711	1.696	1.597	7.46
43)	S	trans-1,3-Dichlorop	0.191	0.200	0.208	0.229	0.230	0.212	8.31
44)	T	trans-1,3-Dichlorop	0.498	0.525	0.536	0.601	0.610	0.554	8.81
45)	T	1,1,2-Trichloroetha	0.391	0.413	0.367	0.391	0.380	0.388	4.32
46)	T	Tetrachloroethene	0.327	0.331	0.303	0.329	0.326	0.323	3.57
47)	S	2-Hexanone-d5	0.112	0.137	0.174	0.204	0.210	0.167	25.47
48)	T	2-Hexanone	0.327	0.346	0.390	0.422	0.418	0.381	11.15
49)	T	Dibromochloromethan	0.423	0.448	0.420	0.452	0.449	0.438	3.57
50)	T	1,2-Dibromoethane	0.406	0.419	0.397	0.427	0.418	0.413	2.91
51)	T	Chlorobenzene	1.050	1.095	0.996	1.072	1.060	1.055	3.50
52)	T	Ethylbenzene	1.462	1.614	1.660	1.853	1.870	1.692	10.14

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.521	0.600	0.634	0.707	0.704	0.633	12.25
54)	T	o-xylene	0.502	0.554	0.617	0.695	0.700	0.614	14.13
55)	T	Styrene	0.792	0.949	1.086	1.213	1.217	1.051	17.32
56)	T	Isopropylbenzene	1.275	1.499	1.605	1.816	1.827	1.604	14.40
57)	S	1,1,2,2-Tetrachloro	0.610	0.627	0.611	0.645	0.646	0.628	2.82
58)	T	1,1,2,2-Tetrachloro	0.609	0.648	0.603	0.645	0.637	0.628	3.32
59)		1,2,3-Trichloroprop	0.492	0.522	0.483	0.510	0.499	0.501	3.05
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.608	0.649	0.580	0.641	0.635	0.623	4.55
62)	T	1,3-Dichlorobenzene	1.527	1.638	1.482	1.625	1.573	1.569	4.18
63)	T	1,4-Dichlorobenzene	1.687	1.694	1.512	1.631	1.597	1.624	4.59
64)	S	1,2-Dichlorobenzene	1.008	1.003	0.947	1.017	1.007	0.997	2.83
65)	T	1,2-Dichlorobenzene	1.526	1.626	1.491	1.629	1.592	1.573	3.91
66)	T	1,2-Dibromo-3-chlor	0.245	0.269	0.243	0.274	0.278	0.262	6.36
67)		1,3,5-Trichlorobenz	1.148	1.207	1.144	1.280	1.272	1.210	5.39
68)	T	1,2,4-trichlorobenz	0.833	0.890	0.944	1.143	1.144	0.991	14.60
69)		Naphthalene	1.682	2.054	2.778	3.572	3.590	2.735	31.69
70)	T	1,2,3-Trichlorobenz	0.845	0.937	1.041	1.172	1.148	1.029	13.47

(#) = Out of Range