Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SOMULM041719WMA.M
Title : VOC Analysis
Last Update : Wed Apr 17 04:13:40 2019
Response Via : Initial Calibration

Calibration Files
5 =VU031213.D 10 =VU031214.D 50 =VU031215.D
100 =VU031216.D 200 =VU031217.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.524	0.475	0.436	0.438	0.434	0.462	8.44
3)	T	Chloromethane	0.652	0.569	0.507	0.510	0.510	0.550	11.43
4)	S	Vinyl Chloride-d3	0.478	0.501	0.431	0.455	0.437	0.460	6.35
5)	T	Vinyl chloride	0.626	0.609	0.497	0.514	0.489	0.547	11.93
6)	T	Bromomethane	0.413	0.381	0.340	0.330	0.334	0.359	10.10
7)	S	Chloroethane-d5	0.407	0.414	0.401	0.391	0.386	0.400	2.82
8)	T	Chloroethane	0.394	0.374	0.335	0.325	0.331	0.352	8.67
9)	T	Trichlorofluorometh	0.896	0.790	0.713	0.707	0.701	0.762	10.96
10)	T	1,1,2-Trichloro-1,2	0.448	0.410	0.368	0.395	0.371	0.398	8.15
11)	S	1,1-Dichloroethene-	0.996	0.926	0.842	0.914	0.884	0.912	6.24
12)	T	1,1-Dichloroethene	0.439	0.405	0.358	0.385	0.367	0.391	8.29
13)	T	Acetone	0.279	0.283	0.239	0.271	0.218	0.258	10.96
14)	T	Carbon disulfide	1.179	1.051	0.983	1.028	1.052	1.059	6.90
15)	T	Methyl Acetate	0.477	0.441	0.425	0.435	0.467	0.449	4.88
16)	T	Methylene chloride	0.427	0.381	0.362	0.356	0.380	0.381	7.28
17)	T	trans-1,2-Dichloroe	0.416	0.342	0.319	0.349	0.354	0.356	10.14
18)	T	Methyl tert-butyl E	1.210	1.056	1.045	1.134	1.162	1.121	6.28
19)	T	1,1-Dichloroethane	0.812	0.704	0.653	0.681	0.688	0.708	8.65
20)	T	cis-1,2-Dichloroeth	0.450	0.420	0.414	0.392	0.396	0.414	5.53
21)	S	2-Butanone-d5	0.313	0.328	0.354	0.337	0.346	0.335	4.73
22)	T	2-Butanone	0.367	0.345	0.374	0.339	0.344	0.354	4.42
23)	T	Bromochloromethane	0.228	0.206	0.204	0.194	0.195	0.205	6.71
24)	S	Chloroform-d	0.787	0.783	0.783	0.742	0.747	0.768	2.83
25)	T	Chloroform	0.774	0.761	0.737	0.679	0.679	0.726	6.21
26)	S	1,2-Dichloroethane-	0.486	0.472	0.482	0.459	0.466	0.473	2.36
27)	T	1,2-Dichloroethane	0.587	0.580	0.547	0.519	0.527	0.552	5.51
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.743	0.631	0.728	0.681	0.733	0.703	6.66
30)	T	1,1,1-Trichloroetha	0.753	0.659	0.645	0.607	0.645	0.662	8.24
31)	T	Carbon tetrachlorid	0.633	0.566	0.559	0.537	0.567	0.572	6.24
32)	S	Benzene-d6	1.603	1.501	1.587	1.553	1.658	1.581	3.70
33)	T	Benzene	1.809	1.675	1.660	1.589	1.676	1.682	4.72
34)	T	Trichloroethene	0.479	0.424	0.402	0.400	0.399	0.421	8.15
35)	T	Methylcyclohexane	0.648	0.595	0.597	0.629	0.664	0.626	4.88
36)	S	1,2-Dichloropropane	0.513	0.509	0.503	0.508	0.532	0.513	2.14
37)	T	1,2-Dichloropropane	0.481	0.453	0.423	0.426	0.444	0.445	5.27
38)	T	Bromodichloromethan	0.628	0.555	0.546	0.537	0.564	0.566	6.36
39)	T	cis-1,3-Dichloropro	0.674	0.623	0.640	0.672	0.728	0.667	6.03
40)	T	4-Methyl-2-pentanon	0.617	0.594	0.629	0.631	0.670	0.628	4.35
41)	S	Toluene-d8	1.273	1.327	1.406	1.433	1.516	1.391	6.78
42)	T	Toluene	1.693	1.584	1.640	1.676	1.772	1.673	4.14
43)	S	trans-1,3-Dichlorop	0.233	0.224	0.244	0.251	0.274	0.245	7.79
44)	T	trans-1,3-Dichlorop	0.578	0.525	0.572	0.584	0.638	0.579	6.89
45)	T	1,1,2-Trichloroetha	0.429	0.400	0.388	0.383	0.403	0.401	4.41
46)	T	Tetrachloroethene	0.336	0.313	0.305	0.305	0.323	0.316	4.26
47)	S	2-Hexanone-d5	0.208	0.205	0.247	0.264	0.288	0.242	14.81
48)	T	2-Hexanone	0.497	0.460	0.506	0.505	0.531	0.500	5.13
49)	T	Dibromochloromethan	0.452	0.411	0.421	0.427	0.455	0.433	4.50
50)	T	1,2-Dibromoethane	0.430	0.425	0.412	0.414	0.437	0.423	2.46
51)	T	Chlorobenzene	1.142	1.017	1.015	1.007	1.047	1.046	5.35
52)	T	Ethylbenzene	1.832	1.720	1.765	1.790	1.999	1.821	5.90

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.561	0.633	0.641	0.655	0.724	0.643	9.04
54)	T	o-xylene	0.621	0.603	0.642	0.642	0.747	0.651	8.60
55)	T	Styrene	1.042	0.920	1.111	1.121	1.298	1.099	12.52
56)	T	Isopropylbenzene	1.637	1.528	1.666	1.620	1.890	1.668	8.05
57)	S	1,1,2,2-Tetrachloro	0.765	0.694	0.689	0.683	0.730	0.712	4.90
58)	T	1,1,2,2-Tetrachloro	0.760	0.693	0.667	0.641	0.690	0.690	6.43
59)		1,2,3-Trichloroprop	0.588	0.529	0.515	0.484	0.532	0.530	7.08
60)	I	1,4-Dichlorobenzene-d	ISTD						
61)	T	Bromoform	0.750	0.727	0.664	0.651	0.670	0.692	6.31
62)	T	1,3-Dichlorobenzene	1.888	1.598	1.538	1.671	1.567	1.652	8.52
63)	T	1,4-Dichlorobenzene	1.888	1.648	1.578	1.596	1.574	1.657	8.00
64)	S	1,2-Dichlorobenzene	1.220	1.123	1.066	1.241	1.083	1.147	6.96
65)	T	1,2-Dichlorobenzene	1.987	1.713	1.608	1.811	1.571	1.738	9.66
66)	T	1,2-Dibromo-3-chlor	0.382	0.307	0.302	0.363	0.304	0.332	11.48
67)		1,3,5-Trichlorobenz	1.306	1.187	1.179	1.291	1.220	1.237	4.74
68)	T	1,2,4-trichlorobenz	0.924	0.902	1.002	1.084	1.099	1.002	8.96
69)		Naphthalene	2.835	2.442	3.280	3.566	3.598	3.144	15.83
70)	T	1,2,3-Trichlorobenz	1.108	1.025	1.065	1.124	1.120	1.088	3.89

(#) = Out of Range