Response Factor Report VOC_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : SFAMULM112921WMA.M
Title : VOC Analysis
Last Update : Wed Dec 01 00:33:27 2021
Response Via : Initial Calibration

Calibration Files
5 =VU046017.D 10 =VU046018.D 50 =VU046024.D 100 =VU046020.D 200 =VU046021.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.521	0.593	0.543	0.537	0.527	0.544	5.24
3)	T	Chloromethane	0.526	0.513	0.475	0.469	0.450	0.487	6.50
4)	S	Vinyl Chloride-d3	0.414	0.410	0.410	0.417	0.409	0.412	0.81
5)	T	Vinyl chloride	0.481	0.524	0.480	0.487	0.480	0.491	3.91
6)	T	Bromomethane	0.249	0.299	0.274	0.284	0.283	0.278	6.65
7)	S	Chloroethane-d5	0.316	0.333	0.311	0.316	0.305	0.316	3.34
8)	T	Chloroethane	0.283	0.305	0.282	0.279	0.271	0.284	4.54
9)	T	Trichlorofluorom...	0.619	0.695	0.634	0.642	0.613	0.641	5.07
10)	T	1,1,2-Trichloro-...	0.340	0.405	0.362	0.362	0.350	0.364	6.79
11)	S	1,1-Dichloroethe...	0.744	0.765	0.729	0.738	0.721	0.739	2.29
12)	T	1,1-Dichloroethene	0.332	0.371	0.343	0.345	0.338	0.346	4.29
13)	T	Acetone	0.469	0.462	0.397	0.372	0.346	0.409	13.33
14)	T	Carbon disulfide	1.043	1.157	1.062	1.053	1.047	1.073	4.47
15)	T	Methyl Acetate	0.481	0.547	0.456	0.456	0.445	0.477	8.60
16)	T	Methylene chloride	0.446	0.456	0.393	0.383	0.379	0.411	8.90
17)	T	trans-1,2-Dichlo...	0.342	0.392	0.367	0.366	0.362	0.366	4.91
18)	T	Methyl tert-buty...	0.982	1.174	1.134	1.172	1.176	1.128	7.40
19)	T	1,1-Dichloroethane	0.647	0.722	0.662	0.656	0.639	0.665	4.94
20)	T	cis-1,2-Dichloro...	0.364	0.425	0.399	0.401	0.396	0.397	5.47
21)	S	2-Butanone-d5	0.318	0.334	0.321	0.335	0.329	0.327	2.28
22)	T	2-Butanone	0.442	0.517	0.443	0.425	0.400	0.445	9.80
23)	T	Bromochloromethane	0.189	0.218	0.199	0.201	0.196	0.201	5.31
24)	S	Chloroform-d	0.675	0.677	0.689	0.704	0.694	0.688	1.77
25)	T	Chloroform	0.770	0.831	0.725	0.694	0.677	0.739	8.43
26)	S	1,2-Dichloroetha...	0.489	0.475	0.451	0.454	0.439	0.462	4.33
27)	T	1,2-Dichloroethane	0.521	0.617	0.546	0.532	0.527	0.548	7.16
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.492	0.598	0.606	0.609	0.606	0.582	8.67
30)	T	1,1,1-Trichloroe...	0.572	0.671	0.610	0.607	0.609	0.614	5.78
31)	T	Carbon tetrachlo...	0.474	0.547	0.527	0.529	0.528	0.521	5.30
32)	S	Benzene-d6	1.396	1.440	1.461	1.449	1.420	1.433	1.79
33)	T	Benzene	1.384	1.660	1.523	1.507	1.493	1.513	6.50
34)	T	Trichloroethene	0.380	0.435	0.399	0.388	0.391	0.399	5.34
35)	T	Methylcyclohexane	0.511	0.615	0.657	0.651	0.657	0.618	10.08
36)	S	1,2-Dichloroprop...	0.435	0.462	0.443	0.444	0.436	0.444	2.39
37)	T	1,2-Dichloropropane	0.388	0.432	0.396	0.387	0.379	0.396	5.24
38)	T	Bromodichloromet...	0.502	0.561	0.523	0.521	0.528	0.527	4.07
39)	T	cis-1,3-Dichloro...	0.500	0.594	0.611	0.647	0.663	0.603	10.58
40)	T	4-Methyl-2-penta...	0.484	0.617	0.600	0.602	0.608	0.582	9.49
41)	S	Toluene-d8	1.206	1.325	1.344	1.334	1.315	1.305	4.29
42)	T	Toluene	1.424	1.759	1.657	1.643	1.635	1.624	7.52
43)	S	trans-1,3-Dichlo...	0.192	0.203	0.215	0.228	0.233	0.214	8.00
44)	T	trans-1,3-Dichlo...	0.475	0.583	0.618	0.634	0.651	0.592	11.85
45)	T	1,1,2-Trichloroe...	0.375	0.453	0.388	0.387	0.386	0.398	7.88
46)	T	Tetrachloroethene	0.270	0.317	0.294	0.291	0.293	0.293	5.59
47)	S	2-Hexanone-d5	0.161	0.181	0.215	0.240	0.256	0.211	18.84
48)	T	2-Hexanone	0.417	0.573	0.550	0.532	0.532	0.521	11.58
49)	T	Dibromochloromet...	0.363	0.444	0.420	0.426	0.435	0.418	7.65
50)	T	1,2-Dibromoethane	0.392	0.466	0.432	0.431	0.435	0.431	6.13
51)	T	Chlorobenzene	1.016	1.142	1.036	1.024	1.034	1.051	4.95
52)	T	Ethylbenzene	1.460	1.802	1.814	1.820	1.842	1.748	9.24
53)	T	m,p-Xylene	0.574	0.702	0.710	0.706	0.715	0.682	8.88
54)	T	o-xylene	0.547	0.699	0.682	0.684	0.694	0.661	9.73
55)	T	Styrene	0.876	1.145	1.193	1.203	1.229	1.129	12.79
56)	S	1,1,2,2-Tetrachl...	0.631	0.672	0.666	0.688	0.710	0.674	4.33

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57)	T	1,1,2,2-Tetrachl...	0.608	0.742	0.659	0.690	0.712	0.682	7.54
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.552	0.605	0.565	0.593	0.617	0.587	4.65
60)	T	1,2,3-Trichlorop...	1.122	1.248	1.031	1.043	1.035	1.096	8.49
61)	T	Isopropylbenzene	2.834	3.447	3.352	3.353	3.280	3.253	7.43
62)	T	1,3,5-Trimethylb...	2.112	2.681	2.866	2.941	2.958	2.712	13.01
63)	T	1,2,4-Trimethylb...	2.087	2.671	2.875	2.960	2.971	2.713	13.63
64)	T	1,3-Dichlorobenzene	1.465	1.670	1.537	1.521	1.533	1.545	4.89
65)	T	1,4-Dichlorobenzene	1.605	1.716	1.565	1.542	1.558	1.597	4.42
66)	S	1,2-Dichlorobenz...	1.003	0.969	0.935	0.953	0.956	0.963	2.65
67)	T	1,2-Dichlorobenzene	1.534	1.690	1.529	1.508	1.520	1.556	4.85
68)	T	1,2-Dibromo-3-ch...	0.271	0.298	0.278	0.297	0.316	0.292	6.14
69)		1,3,5-Trichlorob...	1.018	1.150	1.128	1.149	1.185	1.126	5.67
70)	T	1,2,4-trichlorob...	0.873	0.981	0.998	1.056	1.087	0.999	8.25
71)		Naphthalene	2.591	3.298	3.707	3.906	3.883	3.477	15.87
72)	T	1,2,3-Trichlorob...	0.852	1.077	1.047	1.059	1.058	1.019	9.22

(#) = Out of Range