Response Factor Report VOC_U

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
Method File : SFAMULM072919W.M
Title : VOC Analysis
Last Update : Tue Jul 30 04:12:14 2019
Response Via : Initial Calibration

Calibration Files
5 =VU033467.D 10 =VU033468.D 50 =VU033469.D
100 =VU033470.D 200 =VU033471.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.551	0.507	0.487	0.470	0.479	0.499	6.49
3)	T	Chloromethane	0.571	0.505	0.492	0.459	0.463	0.498	9.01
4)	S	Vinyl Chloride-d3	0.447	0.455	0.461	0.457	0.449	0.454	1.28
5)	T	Vinyl chloride	0.626	0.572	0.562	0.546	0.541	0.570	5.94
6)	T	Bromomethane	0.397	0.349	0.353	0.349	0.542	0.398	20.85
7)	S	Chloroethane-d5	0.382	0.373	0.381	0.377	0.363	0.375	2.00
8)	T	Chloroethane	0.388	0.366	0.339	0.330	0.324	0.349	7.72
9)	T	Trichlorofluorometh	0.823	0.752	0.737	0.713	0.710	0.747	6.14
10)	T	1,1,2-Trichloro-1,2	0.418	0.373	0.384	0.346	0.356	0.375	7.44
11)	S	1,1-Dichloroethene-	0.852	0.764	0.893	0.807	0.835	0.830	5.84
12)	T	1,1-Dichloroethene	0.408	0.340	0.380	0.346	0.356	0.366	7.63
13)	T	Acetone	0.333	0.260	0.252	0.228	0.217	0.258	17.62
14)	T	Carbon disulfide	1.248	1.086	1.053	1.022	1.040	1.090	8.37
15)	T	Methyl Acetate	0.465	0.413	0.402	0.392	0.396	0.413	7.20
16)	T	Methylene chloride	0.453	0.401	0.396	0.379	0.381	0.402	7.56
17)	T	trans-1,2-Dichloroe	0.410	0.358	0.349	0.345	0.354	0.363	7.34
18)	T	Methyl tert-butyl E	1.069	1.000	1.073	1.091	1.128	1.072	4.37
19)	T	1,1-Dichloroethane	0.753	0.673	0.681	0.655	0.659	0.684	5.83
20)	T	cis-1,2-Dichloroeth	0.427	0.383	0.395	0.396	0.404	0.401	4.04
21)	S	2-Butanone-d5	0.239	0.234	0.272	0.272	0.284	0.260	8.61
22)	T	2-Butanone	0.327	0.275	0.310	0.307	0.313	0.306	6.28
23)	T	Bromochloromethane	0.234	0.216	0.206	0.204	0.206	0.213	5.90
24)	S	Chloroform-d	0.644	0.664	0.696	0.696	0.697	0.679	3.60
25)	T	Chloroform	0.802	0.739	0.717	0.682	0.687	0.725	6.70
26)	S	1,2-Dichloroethane-	0.454	0.437	0.445	0.432	0.424	0.438	2.65
27)	T	1,2-Dichloroethane	0.628	0.552	0.557	0.543	0.536	0.563	6.55
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.529	0.511	0.561	0.563	0.583	0.549	5.27
30)	T	1,1,1-Trichloroetha	0.662	0.594	0.584	0.563	0.573	0.595	6.59
31)	T	Carbon tetrachlorid	0.594	0.512	0.521	0.507	0.517	0.530	6.82
32)	S	Benzene-d6	1.291	1.297	1.388	1.367	1.368	1.342	3.33
33)	T	Benzene	1.617	1.447	1.498	1.450	1.460	1.494	4.77
34)	T	Trichloroethene	0.440	0.375	0.382	0.371	0.380	0.389	7.30
35)	T	Methylcyclohexane	0.616	0.546	0.581	0.592	0.626	0.592	5.33
36)	S	1,2-Dichloropropane	0.395	0.409	0.432	0.422	0.424	0.416	3.50
37)	T	1,2-Dichloropropane	0.439	0.399	0.396	0.385	0.391	0.402	5.31
38)	T	Bromodichloromethan	0.598	0.526	0.513	0.498	0.511	0.529	7.49
39)	T	cis-1,3-Dichloropro	0.566	0.552	0.617	0.618	0.644	0.599	6.48
40)	T	4-Methyl-2-pentanon	0.539	0.470	0.535	0.532	0.572	0.530	7.01
41)	S	Toluene-d8	1.172	1.176	1.317	1.314	1.330	1.262	6.37
42)	T	Toluene	1.605	1.527	1.644	1.625	1.639	1.608	2.99
43)	S	trans-1,3-Dichlorop	0.183	0.187	0.213	0.213	0.221	0.203	8.35
44)	T	trans-1,3-Dichlorop	0.543	0.488	0.551	0.556	0.583	0.544	6.44
45)	T	1,1,2-Trichloroetha	0.415	0.378	0.378	0.370	0.375	0.383	4.73
46)	T	Tetrachloroethene	0.353	0.307	0.304	0.305	0.315	0.317	6.53
47)	S	2-Hexanone-d5	0.137	0.143	0.186	0.188	0.211	0.173	18.31
48)	T	2-Hexanone	0.444	0.373	0.440	0.431	0.471	0.432	8.34
49)	T	Dibromochloromethan	0.440	0.409	0.428	0.422	0.447	0.429	3.44
50)	T	1,2-Dibromoethane	0.444	0.397	0.413	0.405	0.420	0.416	4.29
51)	T	Chlorobenzene	1.158	1.047	1.051	1.028	1.058	1.069	4.79
52)	T	Ethylbenzene	1.758	1.602	1.757	1.761	1.839	1.743	4.97

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.624	0.586	0.677	0.682	0.709	0.656	7.60
54)	T	o-xylene	0.604	0.576	0.655	0.672	0.707	0.643	8.22
55)	T	Styrene	0.966	0.969	1.135	1.155	1.229	1.091	10.82
56)	S	1,1,2,2-Tetrachloro	0.637	0.625	0.639	0.633	0.661	0.639	2.09
57)	T	1,1,2,2-Tetrachloro	0.758	0.667	0.656	0.651	0.675	0.682	6.46
58)	I	1,4-Dichlorobenzene-d	ISTD						
59)	T	Bromoform	0.676	0.595	0.600	0.612	0.645	0.625	5.44
60)	T	1,2,3-Trichloroprop	1.216	1.037	0.971	0.935	0.934	1.019	11.60
61)	T	Isopropylbenzene	3.252	3.012	3.195	3.264	3.291	3.203	3.50
62)	T	1,3,5-Trimethylbenz	2.298	2.309	2.673	2.809	2.885	2.595	10.66
63)	T	1,2,4-Trimethylbenz	2.214	2.275	2.693	2.812	2.874	2.574	11.97
64)	T	1,3-Dichlorobenzene	1.857	1.595	1.548	1.563	1.599	1.632	7.81
65)	T	1,4-Dichlorobenzene	2.026	1.660	1.562	1.581	1.603	1.686	11.48
66)	S	1,2-Dichlorobenzene	0.985	0.935	0.935	0.973	0.976	0.961	2.52
67)	T	1,2-Dichlorobenzene	1.832	1.599	1.576	1.576	1.595	1.636	6.73
68)	T	1,2-Dibromo-3-chlor	0.315	0.268	0.275	0.275	0.281	0.283	6.53
69)		1,3,5-Trichlorobenz	1.437	1.158	1.169	1.195	1.239	1.239	9.25
70)	T	1,2,4-trichlorobenz	1.082	0.907	0.983	1.067	1.134	1.034	8.65
71)		Naphthalene	3.049	2.205	2.998	3.269	3.435	2.991	15.81
72)	T	1,2,3-Trichlorobenz	1.166	0.952	1.065	1.095	1.140	1.084	7.69

(#) = Out of Range