Response Factor Report VOC_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : SFAMULM011221WMA.M
Title : VOC Analysis
Last Update : Wed Jan 13 05:59:10 2021
Response Via : Initial Calibration

Calibration Files
5 =VU041962.D 10 =VU041963.D 50 =VU041964.D 100 =VU041965.D 200 =VU041966.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.472	0.455	0.470	0.536	0.459	0.478	6.86
3)	T	Chloromethane	0.577	0.534	0.547	0.591	0.545	0.559	4.29
4)	S	Vinyl Chloride-d3	0.520	0.493	0.555	0.616	0.557	0.548	8.44
5)	T	Vinyl chloride	0.564	0.544	0.567	0.626	0.573	0.575	5.33
6)	T	Bromomethane	0.333	0.332	0.348	0.382	0.360	0.351	5.95
7)	S	Chloroethane-d5	0.422	0.408	0.430	0.482	0.437	0.436	6.41
8)	T	Chloroethane	0.357	0.338	0.344	0.378	0.343	0.352	4.56
9)	T	Trichlorofluorom...	0.726	0.676	0.713	0.773	0.704	0.719	4.98
10)	T	1,1,2-Trichloro-...	0.395	0.366	0.412	0.429	0.400	0.400	5.81
11)	S	1,1-Dichloroethe...	0.848	0.779	0.912	0.986	0.927	0.890	8.88
12)	T	1,1-Dichloroethene	0.372	0.340	0.381	0.419	0.396	0.382	7.69
13)	T	Acetone	0.383	0.332	0.341	0.373	0.329	0.352	7.11
14)	T	Carbon disulfide	1.158	1.160	1.242	1.336	1.282	1.235	6.28
15)	T	Methyl Acetate	0.488	0.502	0.580	0.608	0.583	0.552	9.64
16)	T	Methylene chloride	0.428	0.422	0.450	0.467	0.450	0.444	4.17
17)	T	trans-1,2-Dichlo...	0.373	0.398	0.399	0.442	0.394	0.401	6.30
18)	T	Methyl tert-buty...	1.152	1.177	1.315	1.498	1.358	1.300	10.88
19)	T	1,1-Dichloroethane	0.740	0.768	0.804	0.881	0.776	0.794	6.80
20)	T	cis-1,2-Dichloro...	0.369	0.424	0.434	0.490	0.446	0.433	10.09
21)	S	2-Butanone-d5	0.353	0.365	0.422	0.485	0.453	0.416	13.50
22)	T	2-Butanone	0.424	0.430	0.467	0.525	0.463	0.462	8.69
23)	T	Bromochloromethane	0.175	0.209	0.217	0.233	0.204	0.208	10.27
24)	S	Chloroform-d	0.765	0.778	0.855	0.923	0.866	0.837	7.84
25)	T	Chloroform	0.731	0.794	0.794	0.834	0.792	0.789	4.69
26)	S	1,2-Dichloroetha...	0.512	0.510	0.547	0.551	0.513	0.527	3.89
27)	T	1,2-Dichloroethane	0.591	0.611	0.615	0.616	0.590	0.605	2.16
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.645	0.742	0.842	0.828	0.704	0.752	11.08
30)	T	1,1,1-Trichloroe...	0.747	0.806	0.780	0.751	0.644	0.746	8.27
31)	T	Carbon tetrachlo...	0.609	0.665	0.663	0.622	0.540	0.620	8.23
32)	S	Benzene-d6	1.643	1.828	1.959	1.742	1.565	1.747	8.85
33)	T	Benzene	1.762	1.991	2.065	1.807	1.640	1.853	9.33
34)	T	Trichloroethene	0.480	0.488	0.473	0.445	0.394	0.456	8.38
35)	T	Methylcyclohexane	0.654	0.609	0.717	0.729	0.635	0.669	7.81
36)	S	1,2-Dichloroprop...	0.565	0.593	0.582	0.567	0.483	0.558	7.76
37)	T	1,2-Dichloropropane	0.509	0.530	0.497	0.479	0.417	0.486	8.89
38)	T	Bromodichloromet...	0.633	0.605	0.618	0.626	0.539	0.604	6.27
39)	T	cis-1,3-Dichloro...	0.665	0.660	0.767	0.808	0.676	0.715	9.48
40)	T	4-Methyl-2-penta...	0.701	0.689	0.784	0.862	0.724	0.752	9.49
41)	S	Toluene-d8	1.418	1.352	1.591	1.694	1.373	1.486	10.08
42)	T	Toluene	1.602	1.701	1.916	1.976	1.633	1.765	9.62
43)	S	trans-1,3-Dichlo...	0.253	0.253	0.296	0.308	0.267	0.276	9.23
44)	T	trans-1,3-Dichlo...	0.600	0.654	0.764	0.747	0.670	0.687	9.88
45)	T	1,1,2-Trichloroe...	0.421	0.439	0.446	0.434	0.382	0.425	5.95
46)	T	Tetrachloroethene	0.273	0.289	0.302	0.300	0.267	0.286	5.37
47)	S	2-Hexanone-d5	0.226	0.259	0.332	0.352	0.336	0.301	18.31
48)	T	2-Hexanone	0.551	0.600	0.648	0.674	0.639	0.622	7.70
49)	T	Dibromochloromet...	0.438	0.456	0.452	0.471	0.445	0.452	2.73
50)	T	1,2-Dibromoethane	0.437	0.440	0.448	0.458	0.441	0.445	1.91
51)	T	Chlorobenzene	1.039	1.079	1.090	1.131	1.084	1.084	3.02
52)	T	Ethylbenzene	1.647	1.768	1.944	2.059	1.993	1.882	9.03
53)	T	m,p-Xylene	0.590	0.655	0.708	0.753	0.708	0.683	9.14
54)	T	o-xylene	0.572	0.624	0.702	0.734	0.665	0.659	9.71
55)	T	Styrene	0.996	1.087	1.227	1.299	1.195	1.161	10.30
56)	S	1,1,2,2-Tetrachl...	0.790	0.751	0.801	0.853	0.841	0.807	5.10
57)	T	1,1,2,2-Tetrachl...	0.751	0.781	0.776	0.801	0.823	0.786	3.41

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58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.637	0.672	0.670	0.676	0.595	0.650	5.33
60)	T	1,2,3-Trichlorop...	1.361	1.334	1.303	1.303	1.234	1.307	3.62
61)	T	Isopropylbenzene	3.211	3.377	3.748	3.817	3.365	3.504	7.54
62)	T	1,3,5-Trimethylb...	2.527	2.700	3.190	3.296	3.131	2.969	11.29
63)	T	1,2,4-Trimethylb...	2.383	2.630	3.249	3.384	3.211	2.971	14.75
64)	T	1,3-Dichlorobenzene	1.571	1.567	1.613	1.658	1.605	1.603	2.30
65)	T	1,4-Dichlorobenzene	1.507	1.600	1.608	1.693	1.605	1.603	4.11
66)	S	1,2-Dichlorobenz...	1.033	0.984	1.072	1.112	1.003	1.041	5.00
67)	T	1,2-Dichlorobenzene	1.636	1.631	1.670	1.700	1.554	1.639	3.34
68)	T	1,2-Dibromo-3-ch...	0.437	0.393	0.433	0.435	0.373	0.414	7.11
69)		1,3,5-Trichlorob...	1.112	0.993	1.101	1.168	1.036	1.082	6.32
70)	T	1,2,4-trichlorob...	0.681	0.705	0.892	0.997	0.896	0.834	16.32
71)		Naphthalene	1.734	1.976	3.366	3.841	3.442	2.872	33.05
72)	T	1,2,3-Trichlorob...	0.692	0.746	0.934	1.015	0.886	0.854	15.61

(#) = Out of Range