Response Factor Report VOC_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : SFAMULM101921WMA.M
Title : VOC Analysis
Last Update : Thu Oct 21 01:57:14 2021
Response Via : Initial Calibration

Calibration Files
5 =VU045325.D 10 =VU045326.D 50 =VU045339.D 100 =VU045328.D 200 =VU045329.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.396	0.389	0.346	0.345	0.346	0.365	7.06
3)	T	Chloromethane	0.473	0.431	0.397	0.385	0.375	0.412	9.69
4)	S	Vinyl Chloride-d3	0.225	0.223	0.215	0.214	0.212	0.218	2.80
5)	T	Vinyl chloride	0.509	0.478	0.435	0.429	0.430	0.456	7.84
6)	T	Bromomethane	0.260	0.246	0.228	0.238	0.235	0.241	5.02
7)	S	Chloroethane-d5	0.222	0.205	0.206	0.206	0.202	0.208	3.69
8)	T	Chloroethane	0.293	0.316	0.274	0.276	0.274	0.287	6.37
9)	T	Trichlorofluorom...	0.632	0.575	0.520	0.524	0.525	0.555	8.76
10)	T	1,1,2-Trichloro-...	0.377	0.374	0.335	0.340	0.338	0.353	5.87
11)	S	1,1-Dichloroethe...	0.453	0.437	0.418	0.427	0.433	0.434	2.96
12)	T	1,1-Dichloroethene	0.350	0.332	0.311	0.313	0.319	0.325	5.02
13)	T	Acetone	0.475	0.423	0.362	0.307	0.326	0.379	18.45
14)	T	Carbon disulfide	0.970	0.909	0.855	0.866	0.869	0.894	5.29
15)	T	Methyl Acetate	0.515	0.489	0.447	0.449	0.447	0.469	6.64
16)	T	Methylene chloride	0.488	0.444	0.390	0.385	0.387	0.419	10.96
17)	T	trans-1,2-Dichlo...	0.396	0.349	0.329	0.334	0.336	0.349	7.81
18)	T	Methyl tert-buty...	1.255	1.212	1.189	1.204	1.223	1.216	2.05
19)	T	1,1-Dichloroethane	0.787	0.739	0.684	0.684	0.675	0.714	6.74
20)	T	cis-1,2-Dichloro...	0.423	0.403	0.386	0.394	0.392	0.400	3.69
21)	S	2-Butanone-d5	0.315	0.311	0.329	0.334	0.336	0.325	3.45
22)	T	2-Butanone	0.474	0.430	0.412	0.382	0.390	0.417	8.83
23)	T	Bromochloromethane	0.214	0.206	0.189	0.187	0.189	0.197	6.17
24)	S	Chloroform-d	0.580	0.571	0.577	0.586	0.583	0.579	0.95
25)	T	Chloroform	0.810	0.753	0.702	0.687	0.682	0.727	7.50
26)	S	1,2-Dichloroetha...	0.424	0.397	0.390	0.386	0.382	0.396	4.23
27)	T	1,2-Dichloroethane	0.646	0.591	0.557	0.558	0.550	0.580	6.86
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.591	0.587	0.583	0.601	0.607	0.594	1.72
30)	T	1,1,1-Trichloroe...	0.649	0.591	0.567	0.570	0.573	0.590	5.82
31)	T	Carbon tetrachlo...	0.485	0.462	0.440	0.444	0.447	0.456	4.04
32)	S	Benzene-d6	0.947	0.921	0.951	0.949	0.933	0.940	1.37
33)	T	Benzene	1.670	1.586	1.517	1.507	1.502	1.557	4.61
34)	T	Trichloroethene	0.414	0.388	0.373	0.372	0.373	0.384	4.75
35)	T	Methylcyclohexane	0.607	0.592	0.585	0.610	0.621	0.603	2.41
36)	S	1,2-Dichloroprop...	0.365	0.361	0.366	0.368	0.367	0.366	0.68
37)	T	1,2-Dichloropropane	0.455	0.441	0.410	0.407	0.404	0.423	5.45
38)	T	Bromodichloromet...	0.587	0.561	0.520	0.531	0.538	0.548	4.91
39)	T	cis-1,3-Dichloro...	0.629	0.610	0.626	0.643	0.662	0.634	3.09
40)	T	4-Methyl-2-penta...	0.636	0.644	0.636	0.646	0.668	0.646	2.04
41)	S	Toluene-d8	0.791	0.787	0.801	0.819	0.813	0.802	1.72
42)	T	Toluene	1.685	1.642	1.582	1.602	1.609	1.624	2.49
43)	S	trans-1,3-Dichlo...	0.171	0.174	0.186	0.194	0.203	0.186	7.15
44)	T	trans-1,3-Dichlo...	0.598	0.579	0.601	0.615	0.637	0.606	3.59
45)	T	1,1,2-Trichloroe...	0.431	0.428	0.393	0.387	0.390	0.406	5.35
46)	T	Tetrachloroethene	0.283	0.269	0.254	0.261	0.263	0.266	4.12
47)	S	2-Hexanone-d5	0.183	0.212	0.238	0.249	0.266	0.229	14.22
48)	T	2-Hexanone	0.556	0.537	0.551	0.528	0.553	0.545	2.22
49)	T	Dibromochloromet...	0.412	0.389	0.380	0.391	0.404	0.395	3.19
50)	T	1,2-Dibromoethane	0.447	0.423	0.402	0.404	0.412	0.418	4.40
51)	T	Chlorobenzene	1.102	1.046	0.980	0.995	1.019	1.028	4.68
52)	T	Ethylbenzene	1.764	1.733	1.720	1.777	1.816	1.762	2.14
53)	T	m,p-Xylene	0.657	0.651	0.660	0.683	0.697	0.669	2.94
54)	T	o-xylene	0.674	0.656	0.662	0.672	0.694	0.672	2.14
55)	T	Styrene	1.055	1.084	1.142	1.177	1.226	1.137	6.06
56)	S	1,1,2,2-Tetrachl...	0.696	0.681	0.671	0.692	0.715	0.691	2.42

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57)	T	1,1,2,2-Tetrachl...	0.759	0.732	0.684	0.694	0.715	0.717	4.19
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.556	0.550	0.519	0.543	0.572	0.548	3.57
60)	T	1,2,3-Trichlorop...	1.288	1.218	1.083	1.068	1.083	1.148	8.64
61)	T	Isopropylbenzene	3.438	3.474	3.302	3.393	3.464	3.414	2.05
62)	T	1,3,5-Trimethylb...	2.699	2.670	2.821	2.926	3.008	2.825	5.11
63)	T	1,2,4-Trimethylb...	2.682	2.710	2.863	2.973	3.073	2.860	5.86
64)	T	1,3-Dichlorobenzene	1.669	1.570	1.471	1.487	1.534	1.546	5.11
65)	T	1,4-Dichlorobenzene	1.711	1.616	1.476	1.497	1.541	1.568	6.14
66)	S	1,2-Dichlorobenz...	0.882	0.865	0.842	0.862	0.887	0.868	2.06
67)	T	1,2-Dichlorobenzene	1.681	1.640	1.472	1.495	1.526	1.563	5.91
68)	T	1,2-Dibromo-3-ch...	0.326	0.316	0.304	0.319	0.333	0.320	3.47
69)		1,3,5-Trichlorob...	1.062	1.038	1.011	1.078	1.131	1.064	4.23
70)	T	1,2,4-trichlorob...	0.777	0.830	0.867	0.958	1.027	0.892	11.27
71)		Naphthalene	2.117	2.503	3.093	3.510	3.682	2.981	22.24
72)	T	1,2,3-Trichlorob...	0.762	0.837	0.892	0.963	1.000	0.891	10.76

(#) = Out of Range