Response Factor Report VOC_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : 82U110521W.M
Title : SW846 8260
Last Update : Fri Nov 05 13:35:16 2021
Response Via : Initial Calibration

Calibration Files
1 =VU045549.D 5 =VU045550.D 20 =VU045551.D 50 =VU045552.D 100 =VU045553.D 150 =VU045554.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.608	0.532	0.703	0.669	0.684	0.694	0.648	10.21
3)	P	Chloromethane	0.857	0.634	0.777	0.726	0.722	0.734	0.742	9.86
4)	C	Vinyl Chloride	0.716	0.614	0.764	0.742	0.744	0.755	0.723	7.66#
5)	T	Bromomethane		0.374	0.450	0.441	0.439	0.311	0.403	14.85
6)	T	Chloroethane	0.568	0.422	0.475	0.458	0.449	0.457	0.472	10.64
7)	T	Trichlorofluor...	0.982	0.838	1.003	0.963	0.970	0.976	0.955	6.18
8)	T	Diethyl Ether	0.389	0.331	0.395	0.386	0.380	0.389	0.378	6.25
9)	T	1,1,2-Trichlor...	0.533	0.510	0.592	0.567	0.568	0.577	0.558	5.47
10)	T	Methyl Iodide		0.585	0.778	0.759	0.772	0.758	0.730	11.20
11)	T	Tert butyl alc...		0.119	0.158	0.156	0.148	0.162	0.148	11.68
12)	CM	1,1-Dichloroet...	0.595	0.479	0.559	0.552	0.554	0.561	0.550	6.91#
13)	T	Acrolein		0.020	0.020	0.020	0.022	0.024	0.021	8.87
14)	T	Allyl chloride	0.975	0.837	1.037	1.005	1.006	1.033	0.982	7.61
15)	T	Acrylonitrile	0.370	0.334	0.429	0.414	0.409	0.417	0.396	9.11
16)	T	Acetone	0.414	0.296	0.424	0.407	0.388	0.360	0.381	12.51
17)	T	Carbon Disulfide	1.711	1.323	1.563	1.522	1.550	1.575	1.541	8.13
18)	T	Methyl Acetate	1.375	1.103	1.366	1.329	1.293	1.324	1.298	7.72
19)	T	Methyl tert-bu...	2.011	1.649	2.062	2.044	2.037	2.079	1.980	8.28
20)	T	Methylene Chlo...	0.769	0.591	0.676	0.645	0.642	0.652	0.662	8.93
21)	T	trans-1,2-Dich...	0.540	0.501	0.612	0.593	0.588	0.600	0.572	7.45
22)	T	Diisopropyl ether	1.819	1.643	2.104	2.025	1.979	2.001	1.929	8.71
23)	T	Vinyl Acetate	1.338	1.211	1.595	1.582	1.576	1.599	1.483	11.25
24)	P	1,1-Dichloroet...	1.162	0.978	1.239	1.178	1.160	1.180	1.149	7.74
25)	T	2-Butanone		0.505	0.428	0.582	0.566	0.544	0.546	0.529	10.50
26)	T	2,2-Dichloropr...	0.879	0.801	1.016	1.005	1.008	1.006	0.952	9.52
27)	T	cis-1,2-Dichlo...	0.670	0.570	0.709	0.686	0.690	0.707	0.672	7.74
28)	T	Bromochloromet...	0.509	0.571	0.577	0.551	0.538	0.542	0.548	4.51
29)	T	Tetrahydrofuran	0.314	0.277	0.355	0.341	0.324	0.330	0.323	8.32
30)	C	Chloroform	1.181	1.020	1.195	1.153	1.133	1.138	1.137	5.46#
31)	T	Cyclohexane		1.124	1.126	1.077	1.063	1.073	1.093	2.76
32)	T	1,1,1-Trichlor...	0.939	0.813	1.039	1.011	1.002	1.012	0.969	8.61
33)	S	1,2-Dichloroet...		0.791	0.773	0.715	0.723	0.742	0.749	4.32
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.356	0.334	0.318	0.329	0.332	0.334	4.19
36)	T	1,1-Dichloropr...	0.480	0.434	0.505	0.498	0.505	0.503	0.488	5.77
37)	T	Ethyl Acetate	0.608	0.459	0.574	0.580	0.571	0.569	0.560	9.19
38)	T	Carbon Tetrach...	0.517	0.431	0.497	0.492	0.507	0.505	0.492	6.26
39)	T	Methylcyclohexane	0.562	0.504	0.610	0.619	0.651	0.642	0.598	9.31
40)	TM	Benzene	1.583	1.261	1.483	1.446	1.445	1.442	1.443	7.24
41)	T	Methacrylonitrile	0.265	0.237	0.325	0.316	0.316	0.317	0.296	12.23
42)	TM	1,2-Dichloroet...	0.516	0.462	0.558	0.533	0.528	0.533	0.521	6.17
43)	T	Isopropyl Acetate	0.821	0.691	0.890	0.908	0.916	0.913	0.857	10.36
44)	TM	Trichloroethene	0.356	0.302	0.350	0.345	0.359	0.361	0.346	6.42
45)	C	1,2-Dichloropr...	0.370	0.339	0.396	0.393	0.398	0.396	0.382	6.19#
46)	T	Dibromomethane	0.269	0.234	0.273	0.267	0.271	0.273	0.265	5.70
47)	T	Bromodichlorom...	0.462	0.437	0.525	0.523	0.532	0.533	0.502	8.30
48)	T	Methyl methacr...	0.358	0.314	0.409	0.418	0.426	0.441	0.394	12.35
49)	T	1,4-Dioxane	0.011	0.009	0.011	0.011	0.010	0.010	0.010	8.30
50)	S	Toluene-d8		1.161	1.273	1.232	1.262	1.278	1.241	3.89
51)	T	4-Methyl-2-Pen...	0.494	0.457	0.598	0.600	0.609	0.632	0.565	12.57
52)	CM	Toluene	0.810	0.763	0.938	0.923	0.942	0.926	0.884	8.73#
53)	T	t-1,3-Dichloro...	0.511	0.457	0.596	0.610	0.641	0.648	0.577	13.23
54)	T	cis-1,3-Dichlo...	0.565	0.497	0.636	0.647	0.663	0.668	0.613	11.06
55)	T	1,1,2-Trichlor...	0.355	0.316	0.384	0.375	0.381	0.387	0.366	7.34
56)	T	Ethyl methacry...	0.489	0.450	0.587	0.626	0.658	0.690	0.583	16.33

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57)	T	1,3-Dichloropr...	0.650	0.588	0.687	0.673	0.678	0.682	0.660	5.67
58)	T	2-Chloroethyl ...	0.371	0.307	0.324	0.334	0.342	0.346	0.337	6.38
59)	T	2-Hexanone	0.370	0.348	0.470	0.480	0.492	0.506	0.445	15.18
60)	T	Dibromochlorom...	0.371	0.293	0.386	0.395	0.415	0.428	0.381	12.54
61)	T	1,2-Dibromoethane	0.365	0.345	0.407	0.406	0.413	0.421	0.393	7.71
62)	S	4-Bromofluorob...		0.478	0.475	0.471	0.516	0.549	0.498	6.77
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.282	0.259	0.301	0.293	0.297	0.289	0.287	5.32
65)	PM	Chlorobenzene	1.027	0.887	1.000	0.982	0.994	1.002	0.982	4.98
66)	T	1,1,1,2-Tetrac...	0.359	0.303	0.352	0.352	0.361	0.375	0.350	6.97
67)	C	Ethyl Benzene	1.712	1.493	1.817	1.809	1.863	1.860	1.759	8.04#
68)	T	m/p-Xylenes	0.600	0.558	0.698	0.696	0.711	0.717	0.663	10.12
69)	T	o-Xylene	0.558	0.566	0.673	0.670	0.696	0.706	0.645	10.18
70)	T	Styrene	0.950	0.858	1.136	1.158	1.203	1.241	1.091	13.95
71)	P	Bromoform	0.242	0.232	0.291	0.304	0.331	0.354	0.292	16.53
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.091	2.764	3.502	3.424	3.445	3.375	3.267	8.74
74)	T	N-amyl acetate	1.258	1.175	1.519	1.586	1.636	1.669	1.474	14.08
75)	P	1,1,2,2-Tetrac...	1.375	1.153	1.327	1.303	1.301	1.308	1.294	5.76
76)	T	1,2,3-Trichlor...	1.527	1.318	1.559	1.543	1.570	1.582	1.516	6.55
77)	T	Bromobenzene	0.819	0.687	0.822	0.803	0.810	0.819	0.793	6.63
78)	T	n-propylbenzene	3.892	3.457	4.296	4.223	4.285	4.244	4.066	8.21
79)	T	2-Chlorotoluene	2.325	2.104	2.521	2.467	2.501	2.496	2.402	6.77
80)	T	1,3,5-Trimethy...	2.611	2.377	3.060	3.005	3.037	3.036	2.854	10.14
81)	T	trans-1,4-Dich...		0.297	0.423	0.447	0.477	0.484	0.425	17.91
82)	T	4-Chlorotoluene	2.665	2.448	2.955	2.923	2.957	2.955	2.817	7.58
83)	T	tert-Butylbenzene	2.385	2.276	2.862	2.855	2.963	2.984	2.721	11.35
84)	T	1,2,4-Trimethy...	2.344	2.376	3.093	3.052	3.067	3.090	2.837	13.03
85)	T	sec-Butylbenzene	3.199	3.058	3.827	3.774	3.881	3.912	3.609	10.46
86)	T	p-Isopropyltol...	2.704	2.439	3.203	3.183	3.272	3.293	3.016	11.82
87)	T	1,3-Dichlorobe...	1.739	1.411	1.618	1.584	1.616	1.635	1.600	6.68
88)	T	1,4-Dichlorobe...	1.739	1.442	1.626	1.611	1.642	1.651	1.619	6.02
89)	T	n-Butylbenzene	2.686	2.315	2.992	3.026	3.186	3.225	2.905	11.92
90)	T	Hexachloroethane	0.523	0.440	0.546	0.545	0.599	0.611	0.544	11.30
91)	T	1,2-Dichlorobe...	1.639	1.354	1.582	1.584	1.579	1.604	1.557	6.54
92)	T	1,2-Dibromo-3-...	0.281	0.241	0.321	0.323	0.330	0.337	0.305	12.09
93)	T	1,2,4-Trichlor...	1.118	0.894	1.063	1.092	1.145	1.147	1.077	8.83
94)	T	Hexachlorobuta...	0.517	0.395	0.454	0.452	0.486	0.484	0.465	9.01
95)	T	Naphthalene	3.153	2.784	3.852	4.010	4.138	4.089	3.671	15.38
96)	T	1,2,3-Trichlor...	1.055	0.898	1.109	1.103	1.132	1.119	1.069	8.21

(#) = Out of Range