Response Factor Report VOC_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : 82U092821W.M
Title : SW846 8260
Last Update : Tue Sep 28 12:32:13 2021
Response Via : Initial Calibration

Calibration Files
1 =VU044929.D 5 =VU044930.D 20 =VU044931.D 50 =VU044932.D 100 =VU044933.D 150 =VU044934.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.578	0.618	0.613	0.662	0.624	0.621	0.619	4.32
3)	P	Chloromethane	0.985	0.822	0.731	0.788	0.745	0.742	0.802	11.96
4)	C	Vinyl Chloride	0.753	0.831	0.791	0.848	0.799	0.783	0.801	4.29#
5)	T	Bromomethane		0.355	0.305	0.316	0.299	0.295	0.314	7.72
6)	T	Chloroethane	0.671	0.719	0.583	0.598	0.504		0.615	13.51
7)	T	Trichlorofluor...	0.998	1.115	1.018	1.115	1.046	1.052	1.058	4.60
8)	T	Diethyl Ether	0.473	0.495	0.461	0.506	0.489	0.483	0.485	3.30
9)	T	1,1,2-Trichlor...	0.560	0.639	0.569	0.633	0.600	0.608	0.601	5.40
10)	T	Methyl Iodide		0.522	0.583	0.721	0.700	0.683	0.642	13.30
11)	T	Tert butyl alc...		0.240	0.219	0.249	0.251	0.236	0.239	5.31
12)	CM	1,1-Dichloroet...	0.533	0.600	0.568	0.630	0.610	0.617	0.593	6.11#
13)	T	Acrolein		0.083	0.037	0.045	0.047	0.047	0.052	34.70
14)	T	Allyl chloride	1.091	1.145	1.039	1.163	1.079	1.066	1.097	4.36
15)	T	Acrylonitrile	0.438	0.497	0.460	0.508	0.498	0.490	0.482	5.56
16)	T	Acetone	0.528	0.511	0.491	0.516	0.476	0.443	0.494	6.33
17)	T	Carbon Disulfide	1.859	1.717	1.579	1.800	1.760	1.785	1.750	5.49
18)	T	Methyl Acetate	1.368	1.536	1.361	1.515	1.445	1.438	1.444	5.00
19)	T	Methyl tert-bu...	2.087	2.311	2.174	2.440	2.359	2.359	2.288	5.77
20)	T	Methylene Chlo...	0.783	0.766	0.703	0.759	0.725	0.729	0.744	4.01
21)	T	trans-1,2-Dich...	0.610	0.668	0.615	0.676	0.661	0.661	0.648	4.44
22)	T	Diisopropyl ether	2.057	2.307	2.134	2.380	2.277	2.284	2.240	5.36
23)	T	Vinyl Acetate	1.559	1.785	1.722	1.968	1.945	1.951	1.822	8.99
24)	P	1,1-Dichloroet...	1.199	1.317	1.231	1.347	1.309	1.312	1.286	4.49
25)	T	2-Butanone	0.619	0.726	0.685	0.755	0.731	0.695	0.702	6.80
26)	T	2,2-Dichloropr...	1.045	1.098	1.016	1.150	1.105	1.110	1.087	4.45
27)	T	cis-1,2-Dichlo...	0.731	0.776	0.712	0.805	0.783	0.788	0.766	4.70
28)	T	Bromochloromet...	0.475	0.569	0.469	0.553	0.569	0.563	0.533	8.98
29)	T	Tetrahydrofuran	0.373	0.424	0.397	0.446	0.438	0.429	0.418	6.60
30)	C	Chloroform	1.285	1.300	1.221	1.367	1.304	1.298	1.296	3.61#
31)	T	Cyclohexane		1.469	1.180	1.268	1.208	1.196	1.264	9.44
32)	T	1,1,1-Trichlor...	0.964	1.105	1.007	1.132	1.097	1.111	1.069	6.30
33)	S	1,2-Dichloroet...		0.858	0.759	0.793	0.872	0.879	0.832	6.41
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.322	0.279	0.307	0.333	0.336	0.315	7.40
36)	T	1,1-Dichloropr...	0.485	0.532	0.491	0.558	0.533	0.539	0.523	5.50
37)	T	Ethyl Acetate	0.701	0.695	0.637	0.727	0.693	0.698	0.692	4.26
38)	T	Carbon Tetrach...	0.388	0.458	0.426	0.491	0.472	0.479	0.452	8.51
39)	T	Methylcyclohexane	0.588	0.629	0.607	0.693	0.666	0.668	0.642	6.24
40)	TM	Benzene	1.520	1.587	1.475	1.652	1.554	1.556	1.557	3.85
41)	T	Methacrylonitrile	0.317	0.360	0.338	0.390	0.374	0.358	0.356	7.21
42)	TM	1,2-Dichloroet...	0.591	0.629	0.587	0.650	0.608	0.607	0.612	3.88
43)	T	Isopropyl Acetate	0.936	1.074	0.953	1.110	1.084	1.087	1.041	7.27
44)	TM	Trichloroethene	0.356	0.380	0.341	0.387	0.369	0.370	0.367	4.57
45)	C	1,2-Dichloropr...	0.399	0.422	0.384	0.436	0.415	0.420	0.413	4.47#
46)	T	Dibromomethane	0.249	0.290	0.261	0.297	0.284	0.287	0.278	6.78
47)	T	Bromodichlorom...	0.483	0.525	0.496	0.582	0.570	0.584	0.540	8.26
48)	T	Methyl methacr...	0.458	0.491	0.465	0.542	0.540	0.544	0.507	7.96
49)	T	1,4-Dioxane	0.006	0.014	0.013	0.014	0.013	0.012	0.012	24.40
50)	S	Toluene-d8		1.220	1.110	1.219	1.333	1.350	1.246	7.86
51)	T	4-Methyl-2-Pen...	0.630	0.753	0.712	0.825	0.824	0.802	0.758	10.07
52)	CM	Toluene	0.918	0.997	0.896	1.042	0.996	0.998	0.975	5.70#
53)	T	t-1,3-Dichloro...	0.515	0.573	0.557	0.680	0.676	0.705	0.618	12.80
54)	T	cis-1,3-Dichlo...	0.554	0.602	0.597	0.699	0.695	0.713	0.643	10.45
55)	T	1,1,2-Trichlor...	0.364	0.413	0.376	0.430	0.422	0.432	0.406	7.15
56)	T	Ethyl methacry...	0.520	0.679	0.649	0.785	0.798	0.813	0.707	16.07

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57)	T	1,3-Dichloropr...	0.653	0.754	0.672	0.766	0.741	0.762	0.725	6.77
58)	T	2-Chloroethyl ...	0.110	0.187	0.167	0.234	0.255	0.275	0.205	30.13
59)	T	2-Hexanone	0.472	0.629	0.595	0.688	0.677	0.642	0.617	12.77
60)	T	Dibromochlorom...	0.283	0.371	0.349	0.428	0.429	0.450	0.385	16.39
61)	T	1,2-Dibromoethane	0.374	0.431	0.400	0.466	0.455	0.464	0.432	8.68
62)	S	4-Bromofluorob...		0.474	0.430	0.504	0.579	0.587	0.515	13.14
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.318	0.347	0.322	0.341	0.322	0.308	0.326	4.48
65)	PM	Chlorobenzene	0.974	1.092	0.986	1.103	1.070	1.064	1.048	5.23
66)	T	1,1,1,2-Tetrac...	0.304	0.373	0.349	0.394	0.388	0.389	0.366	9.46
67)	C	Ethyl Benzene	1.745	1.922	1.827	2.088	1.997	1.995	1.929	6.50#
68)	T	m/p-Xylenes	0.697	0.751	0.710	0.805	0.768	0.765	0.749	5.35
69)	T	o-Xylene	0.650	0.749	0.721	0.804	0.771	0.767	0.744	7.19
70)	T	Styrene	0.996	1.186	1.186	1.386	1.372	1.360	1.248	12.32
71)	P	Bromoform	0.212	0.295	0.290	0.353	0.368	0.351	0.311	18.79
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.550	3.744	3.575	3.861	3.671	3.940	3.723	4.18
74)	T	N-amyl acetate	1.647	1.830	1.778	2.016	1.964	2.014	1.875	7.93
75)	P	1,1,2,2-Tetrac...	1.482	1.742	1.561	1.688	1.603	1.590	1.611	5.74
76)	T	1,2,3-Trichlor...	1.345	1.531	1.446	1.562	1.344	1.522	1.458	6.58
77)	T	Bromobenzene	0.878	0.945	0.841	0.927	0.879	0.925	0.899	4.37
78)	T	n-propylbenzene	4.186	4.398	4.308	4.814	4.591	4.927	4.537	6.44
79)	T	2-Chlorotoluene	2.803	3.004	2.673	2.914	2.756	2.915	2.844	4.29
80)	T	1,3,5-Trimethy...	2.932	3.295	3.133	3.471	3.280	3.461	3.262	6.29
81)	T	trans-1,4-Dich...		0.461	0.475	0.559	0.563	0.570	0.526	10.08
82)	T	4-Chlorotoluene	2.937	3.219	3.065	3.382	3.265	3.420	3.215	5.77
83)	T	tert-Butylbenzene	2.806	3.264	3.029	3.347	3.202	3.388	3.173	6.93
84)	T	1,2,4-Trimethy...	2.742	3.194	3.139	3.492	3.325	3.470	3.227	8.58
85)	T	sec-Butylbenzene	3.602	3.981	3.933	4.387	4.190	4.423	4.086	7.61
86)	T	p-Isopropyltol...	2.728	3.148	3.155	3.606	3.482	3.600	3.287	10.42
87)	T	1,3-Dichlorobe...	1.721	1.704	1.613	1.808	1.726	1.760	1.722	3.76
88)	T	1,4-Dichlorobe...	1.832	1.802	1.629	1.814	1.733	1.758	1.761	4.22
89)	T	n-Butylbenzene	2.564	2.715	2.770	3.331	3.314	3.469	3.027	12.78
90)	T	Hexachloroethane	0.520	0.593	0.537	0.626	0.626	0.660	0.593	9.23
91)	T	1,2-Dichlorobe...	1.730	1.862	1.652	1.838	1.740	1.739	1.760	4.40
92)	T	1,2-Dibromo-3-...	0.346	0.377	0.363	0.405	0.394	0.396	0.380	5.93
93)	T	1,2,4-Trichlor...	0.998	0.872	0.895	1.045	1.012	1.064	0.981	8.08
94)	T	Hexachlorobuta...	0.394	0.408	0.402	0.429	0.406	0.419	0.409	3.07
95)	T	Naphthalene	4.075	3.203	3.318	3.885	3.773	3.881	3.689	9.43
96)	T	1,2,3-Trichlor...	1.037	0.892	0.905	1.039	1.001	1.038	0.985	6.99

(#) = Out of Range