Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y071822S.M
Title : SW846 8260
Last Update : Tue Jul 19 04:22:09 2022
Response Via : Initial Calibration

Calibration Files
5 =VY009571.D 10 =VY009572.D 20 =VY009573.D 50 =VY009574.D 100 =VY009575.D 150 =VY009576.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.452	0.480	0.440	0.431	0.422	0.407	0.439	5.77
3)	P	Chloromethane	0.706	0.705	0.660	0.621	0.614	0.595	0.650	7.37
4)	C	Vinyl Chloride	0.701	0.736	0.689	0.668	0.652	0.634	0.680	5.38#
5)	T	Bromomethane	0.531	0.517	0.447	0.438	0.426	0.402	0.460	11.32
6)	T	Chloroethane	0.437	0.441	0.416	0.401	0.396	0.386	0.413	5.46
7)	T	Trichlorofluor...	0.809	0.844	0.828	0.795	0.786	0.773	0.806	3.32
8)	T	Diethyl Ether	0.239	0.278	0.274	0.258	0.266	0.266	0.264	5.31
9)	T	1,1,2-Trichlor...	0.473	0.499	0.484	0.469	0.456	0.445	0.471	4.07
10)	T	Methyl Iodide	0.567	0.628	0.634	0.644	0.644	0.638	0.626	4.66
11)	T	Tert butyl alc...	0.047	0.105	0.045	0.050	0.043	0.044	0.056	43.75
12)	CM	1,1-Dichloroet...	0.455	0.487	0.465	0.455	0.454	0.443	0.460	3.28#
13)	T	Acrolein	0.033	0.035	0.037	0.032	0.033	0.034	0.034	5.06
14)	T	Allyl chloride	0.665	0.731	0.704	0.717	0.723	0.728	0.711	3.44
15)	T	Acrylonitrile	0.121	0.129	0.135	0.129	0.133	0.135	0.130	3.89
16)	T	Acetone	0.111	0.112	0.111	0.142	0.126	0.116	0.120	10.46
17)	T	Carbon Disulfide	1.382	1.536	1.459	1.431	1.399	1.370	1.429	4.32
18)	T	Methyl Acetate	0.416	0.331	0.346	0.298	0.309	0.315	0.336	12.68
19)	T	Methyl tert-bu...	1.093	1.205	1.218	1.206	1.264	1.284	1.212	5.49
20)	T	Methylene Chlo...	1.568	1.103	0.819	0.585	0.538	0.520	0.855	48.37
21)	T	trans-1,2-Dich...	0.497	0.545	0.531	0.518	0.518	0.513	0.520	3.13
22)	T	Diisopropyl ether	1.340	1.544	1.539	1.518	1.581	1.590	1.519	6.02
23)	T	Vinyl Acetate	0.766	0.921	0.967	0.994	1.042	1.060	0.958	11.16
24)	P	1,1-Dichloroet...	0.850	0.906	0.891	0.869	0.874	0.874	0.877	2.18
25)	T	2-Butanone	0.152	0.161	0.175	0.189	0.187	0.184	0.174	8.73
26)	T	2,2-Dichloropr...	0.782	0.853	0.769	0.778	0.774	0.760	0.786	4.27
27)	T	cis-1,2-Dichlo...	0.557	0.589	0.575	0.566	0.579	0.586	0.575	2.14
28)	T	Bromochloromet...	0.348	0.367	0.356	0.395	0.395	0.394	0.376	5.71
29)	T	Tetrahydrofuran	0.101	0.109	0.117	0.115	0.121	0.124	0.115	7.09
30)	C	Chloroform	0.886	0.935	0.913	0.870	0.893	0.887	0.897	2.58#
31)	T	Cyclohexane	0.884	0.900	0.817	0.814	0.806	0.783	0.834	5.59
32)	T	1,1,1-Trichlor...	0.777	0.850	0.812	0.793	0.806	0.792	0.805	3.13
33)	S	1,2-Dichloroet...	0.465	0.485	0.483	0.471	0.467	0.467	0.473	1.88
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.305	0.319	0.319	0.315	0.318	0.314	0.315	1.71
36)	T	1,1-Dichloropr...	0.440	0.480	0.471	0.466	0.476	0.460	0.465	3.14
37)	T	Ethyl Acetate	0.242	0.246	0.268	0.258	0.272	0.269	0.259	4.90
38)	T	Carbon Tetrach...	0.469	0.503	0.490	0.489	0.496	0.478	0.487	2.49
39)	T	Methylcyclohexane	0.510	0.576	0.580	0.589	0.606	0.583	0.574	5.79
40)	TM	Benzene	1.302	1.420	1.376	1.342	1.381	1.350	1.362	2.93
41)	T	Methacrylonitrile	0.111	0.125	0.135	0.121	0.127	0.126	0.124	6.28
42)	TM	1,2-Dichloroet...	0.364	0.395	0.388	0.377	0.387	0.382	0.382	2.85
43)	T	Isopropyl Acetate	0.424	0.446	0.483	0.480	0.508	0.507	0.475	7.09
44)	TM	Trichloroethene	0.377	0.402	0.391	0.379	0.392	0.384	0.387	2.39
45)	C	1,2-Dichloropr...	0.318	0.339	0.337	0.331	0.344	0.336	0.334	2.69#
46)	T	Dibromomethane	0.177	0.193	0.201	0.193	0.201	0.199	0.194	4.63
47)	T	Bromodichlorom...	0.434	0.463	0.451	0.450	0.468	0.464	0.455	2.72
48)	T	Methyl methacr...	0.169	0.192	0.219	0.215	0.232	0.231	0.210	11.75
49)	T	1,4-Dioxane	0.002	0.002	0.003	0.003	0.003	0.003	0.003	9.66
50)	S	Toluene-d8	1.135	1.230	1.226	1.226	1.231	1.216	1.211	3.09
51)	T	4-Methyl-2-Pen...	0.201	0.230	0.256	0.253	0.270	0.269	0.246	10.71
52)	CM	Toluene	0.785	0.873	0.877	0.862	0.897	0.882	0.863	4.64#
53)	T	t-1,3-Dichloro...	0.416	0.464	0.468	0.470	0.502	0.501	0.470	6.73
54)	T	cis-1,3-Dichlo...	0.477	0.519	0.546	0.540	0.567	0.558	0.534	6.04
55)	T	1,1,2-Trichlor...	0.256	0.276	0.280	0.267	0.282	0.279	0.273	3.61
56)	T	Ethyl methacry...	0.276	0.321	0.346	0.359	0.398	0.398	0.350	13.44

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57)	T	1,3-Dichloropr...	0.419	0.458	0.460	0.451	0.471	0.463	0.454	3.97
58)	T	2-Chloroethyl ...	0.009	0.007	0.156	0.198	0.208	0.201	0.130	74.06
59)	T	2-Hexanone	0.134	0.153	0.177	0.184	0.192	0.189	0.171	13.60
60)	T	Dibromochlorom...	0.303	0.337	0.330	0.327	0.345	0.343	0.331	4.66
61)	T	1,2-Dibromoethane	0.251	0.265	0.273	0.261	0.277	0.274	0.267	3.63
62)	S	4-Bromofluorob...	0.357	0.387	0.403	0.393	0.404	0.410	0.392	4.90
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.378	0.400	0.397	0.392	0.394	0.388	0.391	1.98
65)	PM	Chlorobenzene	0.994	1.056	1.035	1.010	1.020	1.016	1.022	2.10
66)	T	1,1,1,2-Tetrac...	0.353	0.377	0.392	0.380	0.391	0.386	0.380	3.77
67)	C	Ethyl Benzene	1.623	1.805	1.805	1.835	1.859	1.855	1.797	4.92#
68)	T	m/p-Xylenes	0.631	0.716	0.730	0.734	0.745	0.736	0.715	5.93
69)	T	o-Xylene	0.593	0.655	0.674	0.686	0.706	0.702	0.669	6.22
70)	T	Styrene	0.937	1.065	1.127	1.149	1.200	1.202	1.113	9.01
71)	P	Bromoform	0.214	0.236	0.246	0.242	0.248	0.252	0.240	5.74
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.107	3.511	3.515	3.541	3.571	3.527	3.462	5.07
74)	T	N-amyl acetate	0.722	0.854	0.936	0.947	1.023	1.040	0.921	12.82
75)	P	1,1,2,2-Tetrac...	0.677	0.708	0.718	0.680	0.689	0.687	0.693	2.32
76)	T	1,2,3-Trichlor...	0.435	0.561	0.468	0.470	0.464	0.459	0.476	9.11
77)	T	Bromobenzene	0.839	0.893	0.887	0.861	0.878	0.865	0.871	2.29
78)	T	n-propylbenzene	3.788	4.290	4.242	4.275	4.310	4.194	4.183	4.73
79)	T	2-Chlorotoluene	2.138	2.400	2.329	2.332	2.379	2.337	2.319	4.01
80)	T	1,3,5-Trimethy...	2.532	2.924	2.920	2.932	2.957	2.898	2.861	5.67
81)	T	trans-1,4-Dich...	0.210	0.231	0.238	0.254	0.256	0.260	0.242	7.85
82)	T	4-Chlorotoluene	2.243	2.510	2.409	2.409	2.451	2.414	2.406	3.69
83)	T	tert-Butylbenzene	2.278	2.616	2.480	2.616	2.664	2.595	2.541	5.63
84)	T	1,2,4-Trimethy...	2.545	2.922	2.888	2.890	2.976	2.944	2.861	5.53
85)	T	sec-Butylbenzene	3.406	3.886	3.788	3.866	3.891	3.771	3.768	4.90
86)	T	p-Isopropyltol...	2.763	3.177	3.201	3.248	3.343	3.268	3.167	6.51
87)	T	1,3-Dichlorobe...	1.668	1.783	1.723	1.694	1.738	1.726	1.722	2.29
88)	T	1,4-Dichlorobe...	1.715	1.782	1.714	1.664	1.699	1.671	1.707	2.47
89)	T	n-Butylbenzene	2.579	2.897	2.910	2.998	3.027	2.941	2.892	5.58
90)	T	Hexachloroethane	0.596	0.629	0.621	0.606	0.612	0.596	0.610	2.19
91)	T	1,2-Dichlorobe...	1.449	1.540	1.527	1.488	1.515	1.508	1.504	2.15
92)	T	1,2-Dibromo-3-...	0.096	0.103	0.108	0.105	0.110	0.111	0.105	5.26
93)	T	1,2,4-Trichlor...	0.890	0.894	0.938	0.933	0.988	1.023	0.944	5.56
94)	T	Hexachlorobuta...	0.559	0.559	0.584	0.548	0.558	0.554	0.560	2.18
95)	T	Naphthalene	1.518	1.609	1.783	1.798	2.005	2.103	1.803	12.41
96)	T	1,2,3-Trichlor...	0.776	0.791	0.842	0.797	0.870	0.900	0.829	5.92

(#) = Out of Range