Response Factor Report GCVOA_Y

Method Path : Z:\VOASRV\HPCHEM1\MSVOA Y\METHODS\
Method File : 82Y042320S.M
Title : SW846 8260
Last Update : Thu Apr 23 14:11:26 2020
Response Via : Initial Calibration

Calibration Files
10 =VY002455.D 5 =VY002454.D 20 =VY002456.D
50 =VY002457.D 150 =VY002459.D =

		Compound	10	5	20	50	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluorom	0.350	0.391	0.378	0.360	0.352	0.366	4.82
3)	P	Chloromethane	0.441	0.504	0.488	0.456	0.440	0.466	6.16
4)	C	Vinyl Chloride	0.294	0.384	0.362	0.280	0.353	0.335	13.51#
5)	T	Bromomethane	0.181	0.208	0.151	0.173	0.226	0.188	15.87
6)	T	Chloroethane	0.168	0.237	0.129	0.160	0.185	0.176	22.70
7)	T	Trichlorofluorome	0.658	0.541	0.518	0.676	0.640	0.607	11.89
8)	T	Diethyl Ether	0.258	0.272	0.196	0.254	0.271	0.250	12.59
9)	T	1,1,2-Trichlorotr	0.425	0.454	0.335	0.441	0.435	0.418	11.38
10)	T	Methyl Iodide	0.629	0.646	0.623	0.665	0.659	0.644	2.84
11)	T	Tert butyl alcoho	0.040	0.046	0.041	0.035	0.043	0.041	10.31
12)	CM	1,1-Dichloroethen	0.437	0.471	0.343	0.441	0.448	0.428	11.55#
13)	T	Acrolein	0.034	0.033	0.025	0.034	0.039	0.033	15.95
14)	T	Allyl chloride	0.622	0.661	0.615	0.620	0.627	0.629	2.89
15)	T	Acrylonitrile	0.117	0.121	0.122	0.113	0.126	0.120	4.11
16)	T	Acetone	0.094	0.094	0.075	0.088	0.105	0.091	11.89
17)	T	Carbon Disulfide	1.299	1.407	1.273	1.352	1.342	1.335	3.85
18)	T	Methyl Acetate	0.286	0.329	0.292	0.264	0.299	0.294	8.06
19)	T	Methyl tert-butyl	1.132	1.171	1.155	1.120	1.197	1.155	2.66
20)	T	Methylene Chlorid	0.569	0.610	0.510	0.461	0.458	0.521	12.84
21)	T	trans-1,2-Dichlor	0.489	0.503	0.472	0.473	0.472	0.482	2.90
22)	T	Diisopropyl ether	1.284	1.286	1.249	1.184	1.215	1.244	3.55
23)	T	Vinyl Acetate	0.798	0.774	0.806	0.760	0.813	0.790	2.85
24)	P	1,1-Dichloroethan	0.762	0.783	0.742	0.746	0.731	0.753	2.69
25)	T	2-Butanone	0.142	0.141	0.140	0.127	0.150	0.140	5.95
26)	T	2,2-Dichloropropa	0.732	0.733	0.708	0.713	0.715	0.720	1.63
27)	T	cis-1,2-Dichloroe	0.529	0.545	0.518	0.514	0.515	0.524	2.54
28)	T	Bromochloromethan	0.302	0.304	0.302	0.285	0.276	0.294	4.24
29)	T	Tetrahydrofuran	0.092	0.093	0.096	0.085	0.098	0.093	5.38
30)	C	Chloroform	0.802	0.849	0.789	0.784	0.785	0.802	3.40#
31)	T	Cyclohexane	0.767	0.890	0.720	0.696	0.692	0.753	10.93
32)	T	1,1,1-Trichloroet	0.726	0.796	0.745	0.759	0.762	0.758	3.43
33)	S	1,2-Dichloroethan	0.454	0.455	0.441	0.402	0.433	0.437	5.02
34)	I	1,4-Difluorobenzene	----------ISTD----------						
35)	S	Dibromofluorometh	0.290	0.296	0.276	0.269	0.278	0.282	3.85
36)	T	1,1-Dichloroprope	0.427	0.449	0.417	0.424	0.427	0.429	2.80
37)	T	Ethyl Acetate	0.198	0.233	0.218	0.197	0.230	0.215	7.86
38)	T	Carbon Tetrachlor	0.473	0.511	0.484	0.494	0.503	0.493	3.10
39)	T	Methylcyclohexane	0.526	0.598	0.542	0.564	0.566	0.559	4.88
40)	TM	Benzene	1.221	1.300	1.216	1.217	1.242	1.239	2.89
41)	T	Methacrylonitrile	0.127	0.151	0.132	0.124	0.130	0.133	8.18
42)	TM	1,2-Dichloroethan	0.347	0.381	0.355	0.350	0.366	0.360	3.90
43)	T	Isopropyl Acetate	0.401	0.403	0.401	0.375	0.435	0.403	5.24
44)	TM	Trichloroethene	0.381	0.413	0.375	0.383	0.385	0.387	3.86
45)	C	1,2-Dichloropropa	0.282	0.296	0.285	0.280	0.285	0.286	2.22#
46)	T	Dibromomethane	0.164	0.167	0.167	0.164	0.172	0.167	1.92
47)	T	Bromodichlorometh	0.421	0.417	0.409	0.415	0.427	0.418	1.56
48)	T	Methyl methacryla	0.181	0.183	0.181	0.174	0.200	0.184	5.17
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	6.59
50)	S	Toluene-d8	1.185	1.183	1.145	1.049	1.106	1.134	5.04
51)	T	4-Methyl-2-Pentan	0.204	0.210	0.210	0.195	0.228	0.209	5.73
52)	CM	Toluene	0.784	0.828	0.775	0.789	0.812	0.798	2.73#

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		Compound	10	5	20	50	150	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.424	0.438	0.432	0.435	0.465	0.439	3.52
54)	T	cis-1,3-Dichlorop	0.494	0.507	0.495	0.498	0.516	0.502	1.89
55)	T	1,1,2-Trichloroet	0.249	0.255	0.243	0.234	0.253	0.247	3.48
56)	T	Ethyl methacrylat	0.327	0.340	0.339	0.323	0.360	0.338	4.24
57)	T	1,3-Dichloropropa	0.419	0.427	0.415	0.396	0.428	0.417	3.14
58)	T	2-Chloroethyl Vin	0.160	0.171	0.165	0.152	0.167	0.163	4.39
59)	T	2-Hexanone	0.141	0.145	0.146	0.134	0.163	0.146	7.22
60)	T	Dibromochlorometh	0.312	0.332	0.318	0.318	0.339	0.324	3.46
61)	T	1,2-Dibromoethane	0.241	0.254	0.244	0.233	0.253	0.245	3.62
62)	S	4-Bromofluorobenz	0.397	0.417	0.368	0.346	0.374	0.380	7.20
63)	I	Chlorobenzene-d5	----------	----------	ISTD	----------	----------	----------	----------
64)	T	Tetrachloroethene	0.452	0.480	0.456	0.451	0.452	0.458	2.70
65)	PM	Chlorobenzene	0.959	0.995	0.952	0.948	0.966	0.964	1.94
66)	T	1,1,1,2-Tetrachlo	0.361	0.358	0.357	0.362	0.371	0.362	1.50
67)	C	Ethyl Benzene	1.705	1.741	1.678	1.713	1.753	1.718	1.73#
68)	T	m/p-Xylenes	0.652	0.686	0.643	0.653	0.673	0.661	2.68
69)	T	o-Xylene	0.613	0.636	0.607	0.612	0.596	0.612	2.38
70)	T	Styrene	1.048	1.109	1.055	1.068	1.052	1.066	2.33
71)	P	Bromoform	0.222	0.229	0.228	0.220	0.239	0.228	3.25
72)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------	----------	----------
73)	T	Isopropylbenzene	3.215	3.247	3.225	3.276	3.750	3.343	6.85
74)	T	N-amyl acetate	0.761	0.751	0.772	0.739	0.938	0.792	10.39
75)	P	1,1,2,2-Tetrachlo	0.504	0.517	0.494	0.461	0.591	0.513	9.42
76)	T	1,2,3-Trichloropr	0.389	0.431	0.405	0.405	0.489	0.424	9.29
77)	T	Bromobenzene	0.810	0.831	0.813	0.798	0.939	0.838	6.83
78)	T	n-propylbenzene	3.728	3.827	3.714	3.823	4.314	3.881	6.37
79)	T	2-Chlorotoluene	2.036	2.133	2.006	2.060	2.384	2.124	7.20
80)	T	1,3,5-Trimethylbe	2.719	2.837	2.698	2.786	3.145	2.837	6.37
81)	T	trans-1,4-Dichlor	0.222	0.226	0.217	0.214	0.266	0.229	9.28
82)	T	4-Chlorotoluene	2.155	2.256	2.124	2.154	2.286	2.195	3.26
83)	T	tert-Butylbenzene	2.383	2.468	2.406	2.463	2.599	2.464	3.41
84)	T	1,2,4-Trimethylbe	2.717	2.761	2.745	2.780	2.606	2.722	2.53
85)	T	sec-Butylbenzene	3.265	3.393	3.268	3.345	3.223	3.299	2.08
86)	T	p-Isopropyltoluen	3.046	3.203	3.118	3.194	3.169	3.146	2.07
87)	T	1,3-Dichlorobenze	1.546	1.595	1.528	1.542	1.542	1.551	1.66
88)	T	1,4-Dichlorobenze	1.525	1.582	1.518	1.526	1.558	1.542	1.77
89)	T	n-Butylbenzene	2.814	2.963	2.807	2.906	3.021	2.902	3.20
90)	T	Hexachloroethane	0.546	0.585	0.553	0.561	0.599	0.569	3.92
91)	T	1,2-Dichlorobenze	1.394	1.410	1.373	1.382	1.117	1.335	9.20
92)	T	1,2-Dibromo-3-Chl	0.092	0.108	0.099	0.092	0.118	0.102	10.97
93)	T	1,2,4-Trichlorobe	1.017	1.047	1.033	1.019	1.153	1.054	5.38
94)	T	Hexachlorobutadie	0.625	0.624	0.622	0.631	0.678	0.636	3.70
95)	T	Naphthalene	1.862	1.873	1.903	1.843	2.292	1.955	9.71
96)	T	1,2,3-Trichlorobe	0.867	0.863	0.875	0.863	1.002	0.894	6.77

(#) = Out of Range