Response Factor Report GC/MS Ins

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\
Method File : 82F091918S.M
Title : SW846 8260
Last Update : Thu Sep 20 02:58:42 2018
Response Via : Initial Calibration

Calibration Files
5 =VF060277.D 20 =VF060279.D 50 =VF060280.D
100 =VF060282.D 150 =VF060283.D 10 =VF060278.D

		Compound	5	20	50	100	150	10	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluorom	1.051	1.092	0.748	0.695	0.689	1.052	0.888	22.05
3)	P	Chloromethane	0.781	0.817	0.594	0.548	0.554	0.793	0.681	18.85
4)	C	Vinyl Chloride	0.812	0.833	0.604	0.563	0.580	0.774	0.694	18.00#
5)	T	Bromomethane	0.581	0.524	0.417	0.374	0.347	0.551	0.466	21.20
6)	T	Chloroethane	0.405	0.356	0.309	0.281	0.261	0.371	0.331	16.85
7)	T	Trichlorofluorome	1.466	1.500	1.222	1.078	1.055	1.441	1.294	15.57
8)	T	Diethyl Ether	0.261	0.238	0.190	0.187	0.187	0.229	0.215	14.79
9)	T	1,1,2-Trichlorotr	0.815	0.786	0.630	0.557	0.549	0.791	0.688	17.93
10)	T	Methyl Iodide	1.279	1.265	1.005	0.915	0.960	1.232	1.109	15.01
11)	T	Tert butyl alcoho	0.047	0.047	0.035	0.035	0.037	0.056	0.043	20.08
12)	CM	1,1-Dichloroethen	0.661	0.660	0.535	0.472	0.452	0.634	0.569	16.73#
13)	T	Acrolein	0.040	0.021	0.011	0.012	0.013	0.030	0.021	55.28
14)	T	Allyl chloride	1.067	1.038	0.939	0.821	0.849	1.242	0.993	15.78
15)	T	Acrylonitrile	0.112	0.099	0.086	0.084	0.083	0.107	0.095	13.32
16)	T	Acetone	0.228	0.191	0.180	0.154	0.156	0.229	0.190	17.47
17)	T	Carbon Disulfide	2.068	2.114	1.468	1.304	1.304	2.046	1.717	23.19
18)	T	Methyl Acetate	0.392	0.252	0.290	0.276	0.295	0.392	0.316	19.17
19)	T	Methyl tert-butyl	1.630	1.482	1.303	1.228	1.250	1.618	1.418	12.85
20)	T	Methylene Chlorid	1.049	0.698	0.510	0.463	0.466	0.807	0.665	35.13
21)	T	trans-1,2-Dichlor	0.700	0.639	0.520	0.483	0.497	0.688	0.588	16.87
22)	T	Diisopropyl ether	2.089	2.039	1.737	1.667	1.604	2.105	1.873	12.20
23)	T	Vinyl Acetate	0.816	0.779	0.669	0.650	0.655	0.846	0.736	11.96
24)	P	1,1-Dichloroethan	1.456	1.363	1.063	1.049	1.023	1.336	1.215	15.71
25)	T	2-Butanone	0.278	0.263	0.250	0.226	0.231	0.284	0.255	9.38
26)	T	2,2-Dichloropropa	0.812	0.750	0.670	0.563	0.573	0.792	0.693	15.68
27)	T	cis-1,2-Dichloroe	0.836	0.827	0.702	0.658	0.680	0.928	0.772	13.94
28)	T	Bromochloromethan	0.556	0.491	0.430	0.404	0.405	0.552	0.473	14.93
29)		Tetrahydrofuran	0.114	0.094	0.086	0.082	0.082	0.103	0.093	13.58
30)	C	Chloroform	1.581	1.666	1.422	1.284	1.250	1.593	1.466	11.84#
31)	T	Cyclohexane	1.201	1.229	0.912	0.814	0.808	1.193	1.026	19.74
32)	T	1,1,1-Trichloroet	1.260	1.191	1.125	0.969	1.016	1.379	1.157	13.24
33)	S	1,2-Dichloroethan	0.762	0.705	0.656	0.599	0.622	0.696	0.673	8.88
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorometh	0.484	0.498	0.434	0.386	0.375	0.498	0.446	12.60
36)	T	1,1-Dichloroprope	0.627	0.745	0.592	0.512	0.491	0.775	0.624	18.78
37)	T	Ethyl Acetate	0.291	0.294	0.247	0.221	0.217	0.313	0.264	15.49
38)	T	Carbon Tetrachlor	0.714	0.795	0.642	0.559	0.540	0.769	0.670	15.98
39)	T	Methylcyclohexane	0.779	0.817	0.646	0.533	0.504	0.777	0.676	20.00
40)	TM	Benzene	1.552	1.632	1.337	1.152	1.160	1.652	1.414	16.21
41)	T	Methacrylonitrile	0.176	0.152	0.138	0.117	0.121	0.155	0.143	15.72
42)	TM	1,2-Dichloroethan	0.533	0.558	0.494	0.459	0.460	0.619	0.521	11.96
43)	T	Isopropyl Acetate	0.364	0.310	0.293	0.278	0.292	0.369	0.318	12.33
44)	TM	Trichloroethene	0.463	0.483	0.407	0.350	0.336	0.486	0.421	15.93
45)	C	1,2-Dichloropropa	0.419	0.396	0.351	0.321	0.309	0.401	0.366	12.45#
46)	T	Dibromomethane	0.269	0.286	0.251	0.224	0.228	0.311	0.262	12.90
47)	T	Bromodichlorometh	0.681	0.674	0.601	0.544	0.538	0.735	0.629	12.79
48)	T	Methyl methacryla	0.263	0.217	0.201	0.196	0.192	0.269	0.223	15.52
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.001	0.002	0.002	0.002	17.20
50)	S	Toluene-d8	1.300	1.274	1.172	1.003	0.968	1.248	1.161	12.30
51)	T	4-Methyl-2-Pentan	0.254	0.239	0.246	0.235	0.226	0.270	0.245	6.34
52)	CM	Toluene	1.055	1.005	0.841	0.726	0.725	1.015	0.895	16.77#

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		Compound	5	20	50	100	150	10	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.563	0.566	0.483	0.441	0.435	0.555	0.507	12.19
54)	T	cis-1,3-Dichlorop	0.673	0.700	0.625	0.557	0.540	0.737	0.639	12.37
55)	T	1,1,2-Trichloroet	0.282	0.296	0.274	0.243	0.240	0.295	0.272	9.14
56)	T	Ethyl methacrylat	0.356	0.330	0.306	0.285	0.301	0.389	0.328	11.89
57)	T	1,3-Dichloropropa	0.479	0.464	0.450	0.405	0.409	0.491	0.450	7.93
58)	T	2-Chloroethyl Vin	0.034	0.034	0.027	0.024	0.022	0.034	0.029	19.68
59)	T	2-Hexanone	0.191	0.162	0.178	0.166	0.162	0.187	0.174	7.46
60)	T	Dibromochlorometh	0.425	0.438	0.405	0.366	0.362	0.434	0.405	8.37
61)	T	1,2-Dibromoethane	0.322	0.321	0.288	0.266	0.270	0.346	0.302	10.69
62)	S	4-Bromofluorobenz	0.652	0.501	0.491	0.421	0.422	0.525	0.502	16.97
63)	I	Chlorobenzene-d5	----------	ISTD	----------					
64)	T	Tetrachloroethene	0.508	0.517	0.432	0.381	0.347	0.534	0.453	17.23
65)	PM	Chlorobenzene	1.236	1.247	1.092	1.009	0.948	1.267	1.133	12.05
66)	T	1,1,1,2-Tetrachlo	0.506	0.528	0.443	0.403	0.389	0.554	0.470	14.60
67)	C	Ethyl Benzene	2.385	2.408	2.008	1.736	1.577	2.458	2.095	18.10#
68)	T	m/p-Xylenes	0.831	0.832	0.676	0.585	0.574	0.847	0.724	17.72
69)	T	o-Xylene	0.882	0.943	0.784	0.679	0.653	0.932	0.812	15.60
70)	T	Styrene	1.280	1.317	1.093	0.956	0.911	1.314	1.145	16.08
71)	P	Bromoform	0.249	0.293	0.252	0.231	0.234	0.291	0.258	10.56
72)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
73)	T	Isopropylbenzene	5.043	5.202	4.242	3.537	3.395	5.513	4.489	20.00
74)	T	N-amyl acetate	0.988	0.963	0.854	0.886	0.892	1.160	0.957	11.63
75)	P	1,1,2,2-Tetrachlo	0.809	0.850	0.765	0.686	0.674	0.990	0.795	14.71
76)	T	1,2,3-Trichloropr	0.669	0.573	0.530	0.481	0.496	0.668	0.570	14.55
77)	T	Bromobenzene	1.097	1.032	0.922	0.829	0.793	1.131	0.967	14.57
78)	T	n-propylbenzene	6.303	6.054	5.017	4.138	3.828	6.455	5.299	21.52
79)	T	2-Chlorotoluene	3.325	3.568	2.763	2.446	2.316	3.749	3.028	19.90
80)	T	1,3,5-Trimethylbe	4.087	4.284	3.523	2.859	2.660	4.266	3.613	19.91
81)	T	trans-1,4-Dichlor	0.330	0.303	0.270	0.257	0.270	0.377	0.301	15.22
82)	T	4-Chlorotoluene	3.391	3.380	2.856	2.559	2.458	3.615	3.043	15.92
83)	T	tert-Butylbenzene	4.116	4.155	3.508	2.912	2.791	4.494	3.663	19.25
84)	T	1,2,4-Trimethylbe	4.289	4.114	3.392	2.920	2.852	4.446	3.669	19.24
85)	T	sec-Butylbenzene	5.826	5.917	4.902	3.947	3.701	6.135	5.071	20.84
86)	T	p-Isopropyltoluen	4.465	4.705	3.861	3.170	2.981	4.896	4.013	20.12
87)	T	1,3-Dichlorobenze	2.046	2.031	1.687	1.479	1.431	2.172	1.808	17.55
88)	T	1,4-Dichlorobenze	1.985	1.990	1.728	1.493	1.443	2.081	1.787	15.33
89)	T	n-Butylbenzene	4.887	5.031	4.012	3.190	2.990	5.360	4.245	23.59
90)	T	Hexachloroethane	1.097	1.160	0.998	0.866	0.821	1.208	1.025	15.42
91)	T	1,2-Dichlorobenze	2.020	1.872	1.603	1.451	1.354	2.046	1.724	17.20
92)	T	1,2-Dibromo-3-Chl	0.144	0.155	0.139	0.128	0.143	0.188	0.149	14.05
93)	T	1,2,4-Trichlorobe	1.463	1.361	1.167	1.022	0.999	1.508	1.253	17.70
94)	T	Hexachlorobutadie	0.924	0.990	0.819	0.714	0.686	0.951	0.847	15.10
95)	T	Naphthalene	2.258	2.332	2.045	2.005	2.037	2.507	2.197	9.18
96)	T	1,2,3-Trichlorobe	1.185	1.301	1.139	1.012	0.962	1.350	1.158	13.27

(#) = Out of Range