Response Factor Report MSVOA_D

Method Path : Z:\VOASRV\HPCHEM1\MSVOA D\METHOD\
Method File : 82D091318S.M
Title : SW846 8260
Last Update : Thu Sep 13 16:17:40 2018
Response Via : Initial Calibration

Calibration Files
5 =VD059993.D 10 =VD059994.D 20 =VD059995.D
50 =VD059996.D 100 =VD059997.D 150 =VD059998.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluorom	0.580	0.528	0.497	0.562	0.509	0.490	0.528	6.90
3)	P	Chloromethane	0.526	0.459	0.463	0.433	0.450	0.467	0.466	6.82
4)	C	Vinyl Chloride	0.405	0.365	0.368	0.368	0.375	0.367	0.375	4.02#
5)	T	Bromomethane	0.061	0.053	0.031	0.061	0.028	0.032	0.044	35.51
6)	T	Chloroethane	0.101	0.110	0.074	0.114	0.076	0.028	0.084	38.14
7)	T	Trichlorofluorome	0.441	0.433	0.388	0.452	0.399	0.362	0.413	8.48
8)	T	Diethyl Ether	0.085	0.093	0.087	0.094	0.088	0.080	0.088	5.85
9)	T	1,1,2-Trichlorotr	0.268	0.274	0.257	0.274	0.255	0.233	0.260	6.00
10)	T	Methyl Iodide	0.240	0.222	0.249	0.317	0.324	0.302	0.276	15.86
11)	T	Tert butyl alcoho	0.036	0.034	0.029	0.032	0.030	0.027	0.031	10.37
12)	CM	1,1-Dichloroethen	0.211	0.217	0.205	0.216	0.203	0.183	0.206	6.06#
13)	T	Acrolein	0.023	0.021	0.021	0.018	0.018	0.016	0.019	13.15
14)	T	Allyl chloride	0.442	0.454	0.420	0.465	0.427	0.396	0.434	5.74
15)	T	Acrylonitrile	0.128	0.129	0.119	0.125	0.112	0.100	0.119	9.45
16)	T	Acetone	0.087	0.085	0.081	0.076	0.064	0.057	0.075	16.00
17)	T	Carbon Disulfide	0.721	0.701	0.695	0.755	0.717	0.665	0.709	4.25
18)	T	Methyl Acetate	0.182	0.164	0.143	0.157	0.146	0.126	0.153	12.52
19)	T	Methyl tert-butyl	1.015	1.025	0.930	1.005	0.897	0.832	0.951	8.15
20)	T	Methylene Chlorid	0.842	0.752	0.642	0.606	0.514	0.470	0.638	22.12
21)	T	trans-1,2-Dichlor	0.561	0.563	0.538	0.582	0.509	0.485	0.540	6.82
22)	T	Diisopropyl ether	2.098	2.094	1.994	2.142	1.856	1.690	1.979	8.85
23)	T	Vinyl Acetate	1.164	1.257	1.158	1.216	1.032	0.901	1.121	11.76
24)	P	1,1-Dichloroethan	0.926	0.930	0.875	0.956	0.837	0.804	0.888	6.70
25)	T	2-Butanone	0.202	0.255	0.234	0.203	0.170	0.155	0.203	18.57
26)	T	2,2-Dichloropropa	0.780	0.751	0.698	0.727	0.611	0.576	0.690	11.68
27)	T	cis-1,2-Dichloroe	0.582	0.590	0.577	0.608	0.529	0.502	0.565	7.16
28)	T	Bromochloromethan	0.452	0.462	0.429	0.420	0.418	0.381	0.427	6.75
29)		Tetrahydrofuran	0.119	0.120	0.109	0.114	0.101	0.090	0.109	10.50
30)	C	Chloroform	0.934	0.936	0.897	0.974	0.846	0.816	0.901	6.65#
31)	T	Cyclohexane	1.005	0.961	0.850	0.906	0.748	0.727	0.866	13.03
32)	T	1,1,1-Trichloroet	0.762	0.780	0.746	0.811	0.705	0.679	0.747	6.53
33)	S	1,2-Dichloroethan	0.444	0.417	0.392	0.390	0.356	0.341	0.390	9.73
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorometh	0.428	0.395	0.377	0.392	0.386	0.366	0.391	5.47
36)	T	1,1-Dichloroprope	0.549	0.542	0.484	0.521	0.466	0.418	0.497	10.18
37)	T	Ethyl Acetate	0.369	0.384	0.340	0.346	0.310	0.300	0.342	9.56
38)	T	Carbon Tetrachlor	0.515	0.489	0.446	0.497	0.430	0.406	0.464	9.19
39)	T	Methylcyclohexane	0.595	0.582	0.561	0.601	0.530	0.503	0.562	6.90
40)	TM	Benzene	1.351	1.362	1.278	1.371	1.159	1.074	1.266	9.73
41)	T	Methacrylonitrile	0.202	0.159	0.213	0.196	0.164	0.138	0.179	16.39
42)	TM	1,2-Dichloroethan	0.399	0.394	0.377	0.403	0.364	0.344	0.380	6.08
43)	T	Isopropyl Acetate	0.479	0.483	0.437	0.498	0.436	0.410	0.457	7.46
44)	TM	Trichloroethene	0.401	0.403	0.384	0.421	0.375	0.362	0.391	5.43
45)	C	1,2-Dichloropropa	0.348	0.349	0.334	0.367	0.320	0.312	0.338	6.07#
46)	T	Dibromomethane	0.223	0.232	0.218	0.240	0.211	0.201	0.221	6.41
47)	T	Bromodichlorometh	0.484	0.490	0.474	0.506	0.472	0.431	0.476	5.33
48)	T	Methyl methacryla	0.259	0.275	0.250	0.277	0.242	0.225	0.255	7.89
49)	T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.002	0.002	0.003	8.06
50)	S	Toluene-d8	1.215	1.128	1.081	1.064	1.005	1.003	1.083	7.43
51)	T	4-Methyl-2-Pentan	0.318	0.398	0.365	0.297	0.261	0.227	0.311	20.41
52)	CM	Toluene	0.852	0.862	0.817	0.870	0.766	0.702	0.811	8.14#

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		Compound	5	10	20	50	100	150	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.465	0.466	0.435	0.468	0.432	0.399	0.444	6.18
54)	T	cis-1,3-Dichlorop	0.540	0.556	0.519	0.570	0.513	0.484	0.531	5.89
55)	T	1,1,2-Trichloroet	0.323	0.303	0.274	0.285	0.261	0.244	0.282	10.17
56)	T	Ethyl methacrylat	0.308	0.332	0.307	0.340	0.309	0.278	0.312	6.96
57)	T	1,3-Dichloropropa	0.431	0.432	0.418	0.445	0.399	0.370	0.416	6.56
58)	T	2-Chloroethyl Vin	0.165	0.171	0.160	0.151	0.139	0.120	0.151	12.42
59)	T	2-Hexanone	0.225	0.291	0.264	0.218	0.185	0.167	0.225	20.71
60)	T	Dibromochlorometh	0.339	0.349	0.339	0.378	0.337	0.316	0.343	5.97
61)	T	1,2-Dibromoethane	0.295	0.299	0.291	0.306	0.286	0.268	0.291	4.54
62)	S	4-Bromofluorobenz	0.476	0.446	0.416	0.417	0.382	0.346	0.414	11.11
63)	I	Chlorobenzene-d5	----------	ISTD	----------					
64)	T	Tetrachloroethene	0.451	0.471	0.441	0.475	0.404	0.404	0.441	7.15
65)	PM	Chlorobenzene	1.142	1.159	1.094	1.174	0.953	0.928	1.075	10.05
66)	T	1,1,1,2-Tetrachlo	0.387	0.403	0.380	0.400	0.314	0.291	0.363	13.22
67)	C	Ethyl Benzene	1.941	2.012	1.878	1.888	1.391	1.270	1.730	18.25#
68)	T	m/p-Xylenes	0.702	0.743	0.709	0.715	0.493	0.471	0.639	19.22
69)	T	o-Xylene	0.674	0.711	0.678	0.696	0.543	0.498	0.633	14.13
70)	T	Styrene	1.140	1.186	1.152	1.160	0.913	0.835	1.064	14.13
71)	P	Bromoform	0.292	0.309	0.307	0.349	0.308	0.303	0.312	6.30
72)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
73)	T	Isopropylbenzene	3.564	3.674	3.375	3.546	2.859	2.658	3.279	12.79
74)	T	N-amyl acetate	1.333	1.439	1.317	1.381	1.183	1.141	1.299	8.87
75)	P	1,1,2,2-Tetrachlo	0.767	0.809	0.738	0.793	0.691	0.666	0.744	7.65
76)	T	1,2,3-Trichloropr	0.824	0.796	0.756	0.816	0.698	0.692	0.764	7.63
77)	T	Bromobenzene	0.982	1.023	0.991	1.001	0.853	0.819	0.945	9.11
78)	T	n-propylbenzene	4.641	4.606	4.363	4.409	3.479	3.245	4.124	14.66
79)	T	2-Chlorotoluene	2.594	2.547	2.435	2.487	1.978	1.924	2.327	12.76
80)	T	1,3,5-Trimethylbe	2.885	2.795	2.681	2.751	2.073	1.897	2.513	16.64
81)	T	trans-1,4-Dichlor	0.230	0.238	0.224	0.244	0.220	0.227	0.231	3.81
82)	T	4-Chlorotoluene	2.992	2.905	2.772	2.708	2.113	1.865	2.559	17.95
83)	T	tert-Butylbenzene	3.217	3.169	3.093	3.148	2.512	2.332	2.912	13.25
84)	T	1,2,4-Trimethylbe	3.040	2.980	2.865	2.823	2.247	2.137	2.682	14.50
85)	T	sec-Butylbenzene	3.780	3.770	3.654	3.687	3.020	2.828	3.456	12.14
86)	T	p-Isopropyltoluen	3.062	3.023	3.021	3.100	2.378	2.190	2.796	14.37
87)	T	1,3-Dichlorobenze	1.814	1.810	1.700	1.759	1.438	1.335	1.643	12.49
88)	T	1,4-Dichlorobenze	1.822	1.874	1.780	1.782	1.434	1.304	1.666	14.18
89)	T	n-Butylbenzene	3.305	3.271	3.047	2.887	2.052	1.799	2.727	23.63
90)	T	Hexachloroethane	0.653	0.705	0.699	0.775	0.677	0.645	0.692	6.77
91)	T	1,2-Dichlorobenze	1.620	1.619	1.535	1.447	1.049	0.907	1.363	22.62
92)	T	1,2-Dibromo-3-Chl	0.114	0.113	0.102	0.108	0.143	0.100	0.113	13.73
93)	T	1,2,4-Trichlorobe	1.269	1.229	1.246	1.290	1.024	0.966	1.171	11.85
94)	T	Hexachlorobutadie	0.803	0.834	0.809	0.846	0.694	0.660	0.774	10.04
95)	T	Naphthalene	1.841	1.893	1.809	1.939	1.733	1.633	1.808	6.15
96)	T	1,2,3-Trichlorobe	1.082	1.091	1.095	1.121	0.930	0.870	1.032	10.13

(#) = Out of Range