Response Factor Report MSVOA_X

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\
Method File : 82X072320W.M
Title : SW846 8260
Last Update : Thu Jul 23 12:25:12 2020
Response Via : Initial Calibration

Calibration Files
1 =VX017481.D 5 =VX017482.D 20 =VX017483.D
50 =VX017484.D 100 =VX017485.D 150 =VX017486.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	----------	ISTD	----------	----------	----------		
2)	T	Dichlorodifluorom	0.678	0.611	0.461	0.469	0.461	0.456	0.523	18.52
3)	P	Chloromethane	0.837	0.728	0.558	0.615	0.616	0.624	0.663	15.31
4)	C	Vinyl Chloride	0.694	0.713	0.566	0.597	0.601	0.604	0.629	9.46#
5)	T	Bromomethane		0.469	0.347	0.362	0.323	0.324	0.365	16.47
6)	T	Chloroethane	0.502	0.401	0.327	0.360	0.348	0.341	0.380	17.14
7)	T	Trichlorofluorome	1.179	1.126	0.885	0.930	0.922	0.895	0.990	12.97
8)	T	Diethyl Ether	0.483	0.394	0.295	0.343	0.323	0.310	0.358	19.55
9)	T	1,1,2-Trichlorotr	0.671	0.598	0.489	0.532	0.487	0.481	0.543	14.16
10)	T	Methyl Iodide		0.717	0.643	0.733	0.688	0.693	0.695	4.93
11)	T	Tert butyl alcoho		0.140	0.125	0.147	0.137	0.129	0.135	6.51
12)	CM	1,1-Dichloroethen	0.553	0.589	0.470	0.511	0.495	0.480	0.516	8.86#
13)	T	Acrolein		0.060	0.094	0.109	0.106	0.103	0.094	21.52
14)	T	Allyl chloride	0.942	1.094	0.870	0.971	0.876	0.905	0.943	8.87
15)	T	Acrylonitrile	0.309	0.313	0.267	0.317	0.275	0.273	0.292	7.88
16)	T	Acetone	0.334	0.299	0.244	0.288	0.269	0.262	0.283	11.28
17)	T	Carbon Disulfide	1.847	1.827	1.395	1.524	1.400	1.425	1.570	13.52
18)	T	Methyl Acetate	0.742	0.700	0.585	0.712	0.623	0.633	0.666	9.16
19)	T	Methyl tert-butyl	1.963	1.948	1.584	1.835	1.737	1.657	1.788	8.66
20)	T	Methylene Chlorid	0.922	0.690	0.508	0.586	0.499	0.530	0.622	26.17
21)	T	trans-1,2-Dichlor	0.665	0.623	0.498	0.550	0.501	0.481	0.553	13.60
22)	T	Diisopropyl ether	1.864	1.961	1.590	1.668	1.608	1.655	1.724	8.80
23)	T	Vinyl Acetate	1.507	1.674	1.436	1.562	1.529	1.518	1.537	5.12
24)	P	1,1-Dichloroethan	1.098	1.115	0.892	0.935	0.976	0.944	0.993	9.25
25)	T	2-Butanone	0.444	0.382	0.378	0.414	0.406	0.385	0.402	6.26
26)	T	2,2-Dichloropropa	0.991	0.991	0.865	0.850	0.844	0.795	0.889	9.23
27)	T	cis-1,2-Dichloroe	0.695	0.668	0.536	0.576	0.582	0.549	0.601	10.87
28)	T	Bromochloromethan	0.472	0.452	0.484	0.432	0.421	0.440	0.450	5.36
29)	T	Tetrahydrofuran	0.240	0.242	0.238	0.265	0.261	0.246	0.249	4.69
30)	C	Chloroform	1.177	1.121	0.911	0.970	0.946	0.964	1.015	10.58#
31)	T	Cyclohexane		0.864	0.744	0.763	0.833	0.757	0.792	6.67
32)	T	1,1,1-Trichloroet	1.116	1.062	0.853	0.917	0.935	0.859	0.957	11.34
33)	S	1,2-Dichloroethan		0.699	0.555	0.667	0.645	0.646	0.642	8.35
34)	I	1,4-Difluorobenzene	----------	----------	ISTD	----------	----------	----------		
35)	S	Dibromofluorometh		0.362	0.319	0.342	0.336	0.313	0.334	5.85
36)	T	1,1-Dichloroprope	0.505	0.530	0.503	0.462	0.445	0.432	0.480	8.04
37)	T	Ethyl Acetate	0.485	0.520	0.556	0.568	0.550	0.469	0.525	7.73
38)	T	Carbon Tetrachlor	0.644	0.644	0.599	0.554	0.531	0.521	0.582	9.42
39)	T	Methylcyclohexane	0.565	0.599	0.547	0.521	0.572	0.555	0.560	4.65
40)	TM	Benzene		1.599	1.418	1.419	1.364	1.227	1.223	1.375	10.22
41)	T	Methacrylonitrile	0.297	0.300	0.310	0.301	0.282	0.288	0.296	3.26
42)	TM	1,2-Dichloroethan	0.640	0.581	0.572	0.561	0.525	0.496	0.562	8.76
43)	T	Isopropyl Acetate	0.897	0.862	0.817	0.980	0.838	0.800	0.866	7.56
44)	TM	Trichloroethene	0.412	0.432	0.400	0.391	0.379	0.397	0.402	4.60
45)	C	1,2-Dichloropropa	0.439	0.389	0.370	0.347	0.378	0.364	0.381	8.26#
46)	T	Dibromomethane	0.334	0.260	0.262	0.247	0.258	0.256	0.269	11.87
47)	T	Bromodichlorometh	0.561	0.572	0.532	0.522	0.528	0.536	0.542	3.72
48)	T	Methyl methacryla	0.416	0.408	0.420	0.423	0.453	0.455	0.429	4.68
49)	T	1,4-Dioxane	0.008	0.007	0.009	0.008	0.009	0.009	0.008	7.86
50)	S	Toluene-d8		1.243	1.142	1.228	1.242	1.176	1.206	3.76
51)	T	4-Methyl-2-Pentan	0.540	0.508	0.510	0.553	0.501	0.487	0.517	4.81
52)	CM	Toluene	0.970	0.927	0.881	0.854	0.866	0.792	0.882	6.97#

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\
Method File : 82X072320W.M
Title : SW846 8260
Last Update : Thu Jul 23 12:25:12 2020
Response Via : Initial Calibration

Calibration Files
1 =VX017481.D 5 =VX017482.D 20 =VX017483.D
50 =VX017484.D 100 =VX017485.D 150 =VX017486.D

		Compound	1	5	20	50	100	150	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.597	0.660	0.594	0.627	0.585	0.578	0.607	5.11
54)	T	cis-1,3-Dichlorop	0.618	0.645	0.640	0.612	0.577	0.619	0.619	3.90
55)	T	1,1,2-Trichloroet	0.411	0.380	0.359	0.376	0.341	0.337	0.367	7.53
56)	T	Ethyl methacrylat	0.544	0.532	0.553	0.598	0.551	0.542	0.553	4.14
57)	T	1,3-Dichloropropa	0.625	0.629	0.594	0.628	0.555	0.598	0.605	4.76
58)	T	2-Chloroethyl Vin	0.280	0.296	0.292	0.308	0.276	0.297	0.292	4.16
59)	T	2-Hexanone	0.372	0.374	0.407	0.434	0.384	0.363	0.389	6.87
60)	T	Dibromochlorometh	0.504	0.462	0.459	0.477	0.455	0.444	0.467	4.53
61)	T	1,2-Dibromoethane	0.378	0.407	0.389	0.417	0.378	0.377	0.391	4.34
62)	S	4-Bromofluorobenz		0.520	0.449	0.462	0.523	0.460	0.483	7.35
63)	I	Chlorobenzene-d5	----------	ISTD	----------					
64)	T	Tetrachloroethene	0.515	0.468	0.428	0.432	0.407	0.443	0.449	8.48
65)	PM	Chlorobenzene	1.144	1.092	1.004	1.075	1.111	1.067	1.082	4.39
66)	T	1,1,1,2-Tetrachlo	0.496	0.427	0.404	0.432	0.434	0.429	0.437	7.06
67)	C	Ethyl Benzene	1.756	1.812	1.728	1.815	1.866	1.861	1.807	3.07#
68)	T	m/p-Xylenes	0.682	0.713	0.660	0.718	0.709	0.717	0.700	3.36
69)	T	o-Xylene	0.713	0.651	0.631	0.688	0.686	0.669	0.673	4.37
70)	T	Styrene	1.093	1.096	1.101	1.214	1.214	1.154	1.145	5.07
71)	P	Bromoform	0.390	0.353	0.352	0.396	0.397	0.383	0.378	5.51
72)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------					
73)	T	Isopropylbenzene	3.312	3.660	3.193	3.486	3.448	3.482	3.430	4.69
74)	T	N-amyl acetate	1.346	1.555	1.421	1.675	1.583	1.565	1.524	7.82
75)	P	1,1,2,2-Tetrachlo	1.170	1.133	0.953	1.036	1.085	1.046	1.071	7.18
76)	T	1,2,3-Trichloropr	1.085	1.082	0.977	1.059	0.998	0.970	1.029	5.18
77)	T	Bromobenzene	1.022	1.010	0.872	0.966	0.968	0.925	0.960	5.77
78)	T	n-propylbenzene	3.601	4.040	3.704	3.906	3.998	3.963	3.869	4.55
79)	T	2-Chlorotoluene	2.416	2.431	2.237	2.383	2.579	2.333	2.396	4.75
80)	T	1,3,5-Trimethylbe	2.577	2.880	2.798	3.054	3.227	3.035	2.929	7.77
81)	T	trans-1,4-Dichlor		0.412	0.372	0.417	0.435	0.406	0.408	5.63
82)	T	4-Chlorotoluene	2.619	2.877	2.714	2.868	3.042	2.840	2.827	5.16
83)	T	tert-Butylbenzene	2.460	2.868	2.592	2.932	2.983	2.979	2.802	7.92
84)	T	1,2,4-Trimethylbe	2.586	2.854	2.818	3.098	3.090	3.033	2.913	6.86
85)	T	sec-Butylbenzene	3.026	3.229	3.093	3.393	3.434	3.412	3.264	5.39
86)	T	p-Isopropyltoluen	2.732	3.219	3.002	3.243	3.206	3.250	3.109	6.64
87)	T	1,3-Dichlorobenze	1.708	1.675	1.505	1.690	1.651	1.666	1.649	4.44
88)	T	1,4-Dichlorobenze	1.960	1.775	1.531	1.697	1.638	1.647	1.708	8.59
89)	T	n-Butylbenzene	2.504	2.755	2.548	2.814	3.135	2.864	2.770	8.30
90)	T	Hexachloroethane	0.639	0.606	0.530	0.615	0.667	0.621	0.613	7.47
91)	T	1,2-Dichlorobenze	1.721	1.663	1.457	1.594	1.711	1.578	1.621	6.13
92)	T	1,2-Dibromo-3-Chl	0.366	0.249	0.250	0.290	0.299	0.321	0.296	15.08
93)	T	1,2,4-Trichlorobe	1.055	1.059	1.018	1.169	1.131	1.204	1.106	6.60
94)	T	Hexachlorobutadie	0.574	0.466	0.478	0.535	0.489	0.513	0.509	7.88
95)	T	Naphthalene	2.777	2.887	3.129	3.718	3.597	3.703	3.302	12.85
96)	T	1,2,3-Trichlorobe	1.028	1.033	1.036	1.171	1.120	1.165	1.092	6.20

(#) = Out of Range