Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X091322W.M
Title : SW846 8260
Last Update : Wed Sep 14 14:21:29 2022
Response Via : Initial Calibration

Calibration Files
5 =VX031295.D 10 =VX031296.D 20 =VX031297.D 50 =VX031298.D 100 =VX031299.D

		Compound	5	10	20	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.522	0.548	0.520	0.487	0.498	0.515	4.53
3)	P	Chloromethane	1.603	1.488	1.413	1.518	1.505	1.505	4.54
4)	C	Vinyl Chloride	1.512	1.774	1.632	1.637	1.687	1.648	5.77#
5)	T	Bromomethane	4.135	3.643	3.270	4.381	4.309	3.948	12.05
6)	T	Chloroethane	3.211	3.034	4.288	1.838	4.021	3.279	29.38
7)	T	Trichlorofluorom...	3.299	3.376	3.437	3.268	3.374	3.350	2.01
8)	T	Diethyl Ether	1.327	1.447	1.502	1.389	1.438	1.421	4.62
9)	T	1,1,2-Trichlorot...	0.829	0.833	0.789	0.740	0.816	0.801	4.78
10)	T	Methyl Iodide	0.767	0.888	0.822	0.911	1.093	0.896	13.79
11)	T	Tert butyl alcohol	0.440	0.412	0.374	0.293	0.318	0.367	16.82
12)	CM	1,1-Dichloroethene	0.923	0.835	0.707	0.728	0.812	0.801	10.87#
13)	T	Acrolein	0.430	0.228	0.301	0.304	0.188	0.290	31.97
14)	T	Allyl chloride	1.597	1.672	1.588	1.525	1.754	1.627	5.40
15)	T	Acrylonitrile	0.704	0.687	0.702	0.682	0.733	0.702	2.86
16)	T	Acetone	0.607	0.630	0.562	0.526	0.547	0.575	7.46
17)	T	Carbon Disulfide	1.491	1.534	1.444	1.868	2.049	1.677	15.89
18)	T	Methyl Acetate	1.830	1.951	1.801	1.651	1.746	1.796	6.14
19)	T	Methyl tert-buty...	3.207	3.344	3.283	3.255	3.638	3.345	5.11
20)	T	Methylene Chloride	1.136	0.982	0.908	0.905	0.981	0.982	9.52
21)	T	trans-1,2-Dichlo...	0.820	0.874	0.891	0.948	1.026	0.912	8.65
22)	T	Diisopropyl ether	3.445	3.824	3.781	3.716	4.090	3.771	6.13
23)	T	Vinyl Acetate	2.989	3.280	3.255	3.397	3.762	3.337	8.42
24)	P	1,1-Dichloroethane	1.715	1.837	1.746	1.734	1.874	1.781	3.93
25)	T	2-Butanone	0.991	1.034	1.052	0.968	1.042	1.018	3.54
26)	T	2,2-Dichloropropane	1.585	1.497	1.523	1.380	1.525	1.502	5.01
27)	T	cis-1,2-Dichloro...	0.871	1.147	1.093	1.048	1.135	1.059	10.56
28)	T	Bromochloromethane	0.970	0.740	0.934	0.872	0.877	0.878	9.98
29)	T	Tetrahydrofuran	0.642	0.679	0.669	0.649	0.697	0.667	3.33
30)	C	Chloroform	1.634	1.872	1.856	1.763	1.972	1.819	6.99#
31)	T	Cyclohexane	1.238	1.464	1.412	1.546	1.656	1.463	10.65
32)	T	1,1,1-Trichloroe...	1.545	1.626	1.552	1.515	1.680	1.584	4.27
33)	S	1,2-Dichloroetha...	0.906	1.100	1.121	1.082	1.098	1.061	8.28
34)	I	1,4-Difluorobenzene	----------ISTD----------						
35)	S	Dibromofluoromet...	0.555	0.559	0.637	0.596	0.621	0.594	6.15
36)	T	1,1-Dichloropropene	0.765	0.815	0.773	0.823	0.906	0.817	6.87
37)	T	Ethyl Acetate	1.322	1.214	1.386	1.243	1.355	1.304	5.63
38)	T	Carbon Tetrachlo...	0.846	0.872	0.857	0.854	0.957	0.877	5.17
39)	T	Methylcyclohexane	0.912	0.863	0.873	0.968	1.027	0.929	7.41
40)	TM	Benzene	2.341	2.380	2.438	2.529	2.768	2.491	6.82
41)	T	Methacrylonitrile	0.643	0.676	0.679	0.618	0.687	0.661	4.38
42)	TM	1,2-Dichloroethane	0.858	0.877	0.884	0.916	1.001	0.907	6.20
43)	T	Isopropyl Acetate	2.038	2.021	2.085	2.040	2.183	2.073	3.18
44)	TM	Trichloroethene	0.652	0.657	0.641	0.655	0.695	0.660	3.07
45)	C	1,2-Dichloropropane	0.684	0.681	0.690	0.680	0.713	0.690	2.00#
46)	T	Dibromomethane	0.467	0.482	0.460	0.463	0.495	0.473	3.14
47)	T	Bromodichloromet...	0.929	0.986	1.015	0.942	1.025	0.979	4.34
48)	T	Methyl methacrylate	0.845	0.872	0.870	0.886	0.946	0.884	4.27
49)	T	1,4-Dioxane	0.021	0.021	0.021	0.019	0.019	0.020	6.03
50)	S	Toluene-d8	1.413	2.012	2.291	2.267	2.438	2.084	19.45
51)	T	4-Methyl-2-Penta...	1.269	1.365	1.447	1.444	1.574	1.420	7.93
52)	CM	Toluene	1.336	1.508	1.578	1.667	1.865	1.591	12.29#
53)	T	t-1,3-Dichloropr...	1.114	1.113	1.113	1.123	1.222	1.137	4.21
54)	T	cis-1,3-Dichloro...	1.119	1.111	1.163	1.117	1.247	1.152	4.97
55)	T	1,1,2-Trichloroe...	0.675	0.715	0.718	0.696	0.752	0.711	4.06
56)	T	Ethyl methacrylate	1.044	1.096	1.170	1.178	1.275	1.153	7.62

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57)	T	1,3-Dichloropropane	1.100	1.076	1.179	1.155	1.249	1.152	5.95
58)	T	2-Chloroethyl Vi...	0.539	0.501	0.561	0.588	0.641	0.566	9.31
59)	T	2-Hexanone	0.983	1.044	1.113	1.102	1.190	1.086	7.14
60)	T	Dibromochloromet...	0.673	0.747	0.764	0.778	0.865	0.765	8.97
61)	T	1,2-Dibromoethane	0.642	0.695	0.702	0.727	0.810	0.715	8.54
62)	S	4-Bromofluoroben...	0.703	0.620	0.735	0.764	0.827	0.730	10.51
63)	I	Chlorobenzene-d5	----------ISTD----------						
64)	T	Tetrachloroethene	0.549	0.580	0.562	0.550	0.610	0.570	4.48
65)	PM	Chlorobenzene	1.443	1.681	1.604	1.524	1.655	1.581	6.19
66)	T	1,1,1,2-Tetrachl...	0.606	0.654	0.651	0.572	0.634	0.623	5.50
67)	C	Ethyl Benzene	2.748	2.828	2.770	2.742	3.008	2.819	3.94#
68)	T	m/p-Xylenes	1.062	1.097	1.121	1.149	1.267	1.139	6.87
69)	T	o-Xylene	1.053	1.110	1.108	1.074	1.231	1.115	6.19
70)	T	Styrene	1.716	1.831	1.850	1.859	2.109	1.873	7.69
71)	P	Bromoform	0.527	0.564	0.555	0.516	0.578	0.548	4.72
72)	I	1,4-Dichlorobenzen...	----------ISTD----------						
73)	T	Isopropylbenzene	3.902	4.084	3.807	3.627	3.884	3.861	4.29
74)	T	N-amyl acetate	2.284	2.509	2.153	2.024	2.102	2.214	8.57
75)	P	1,1,2,2-Tetrachl...	1.533	1.647	1.492	1.322	1.375	1.474	8.76
76)	T	1,2,3-Trichlorop...	1.314	1.516	1.313	1.176	1.191	1.302	10.46
77)	T	Bromobenzene	0.959	1.045	0.897	0.910	0.942	0.950	6.15
78)	T	n-propylbenzene	4.291	4.775	4.380	4.348	4.675	4.494	4.82
79)	T	2-Chlorotoluene	2.614	2.803	2.461	2.388	2.525	2.558	6.25
80)	T	1,3,5-Trimethylb...	3.164	3.245	3.167	3.189	3.482	3.249	4.13
81)	T	trans-1,4-Dichlo...	0.577	0.629	0.514	0.494	0.519	0.547	10.13
82)	T	4-Chlorotoluene	2.775	2.933	2.929	2.948	3.290	2.975	6.37
83)	T	tert-Butylbenzene	3.322	3.525	3.365	3.202	3.377	3.358	3.46
84)	T	1,2,4-Trimethylb...	3.215	3.199	3.174	3.080	3.313	3.196	2.62
85)	T	sec-Butylbenzene	4.107	4.275	4.109	3.954	4.256	4.140	3.16
86)	T	p-Isopropyltoluene	3.235	3.684	3.372	3.373	3.687	3.470	5.90
87)	T	1,3-Dichlorobenzene	1.795	1.951	1.748	1.711	1.830	1.807	5.11
88)	T	1,4-Dichlorobenzene	1.824	1.965	1.852	1.794	1.891	1.866	3.55
89)	T	n-Butylbenzene	2.815	3.000	3.028	3.070	3.452	3.073	7.59
90)	T	Hexachloroethane	0.759	0.701	0.696	0.671	0.684	0.702	4.84
91)	T	1,2-Dichlorobenzene	1.768	1.908	1.820	1.774	1.909	1.836	3.79
92)	T	1,2-Dibromo-3-Ch...	0.414	0.403	0.328	0.282	0.292	0.344	17.99
93)	T	1,2,4-Trichlorob...	1.083	1.113	0.952	0.982	1.066	1.039	6.63
94)	T	Hexachlorobutadiene	0.439	0.426	0.402	0.366	0.398	0.406	6.92
95)	T	Naphthalene	3.994	4.350	3.916	3.773	4.024	4.011	5.31
96)	T	1,2,3-Trichlorob...	1.108	1.212	1.046	0.977	1.120	1.092	8.03

(#) = Out of Range