Response Factor Report GCVOA_Y

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\
Method File : 82Y012120S.M
Title : SW846 8260
Last Update : Tue Jan 21 16:48:50 2020
Response Via : Initial Calibration

Calibration Files
10 =VY001321.D 5 =VY001320.D 20 =VY001322.D
50 =VY001323.D 100 =VY001324.D 150 =VY001325.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluorom	0.441	0.349	0.426	0.394	0.357	0.399	0.394	9.29
3)	P	Chloromethane	0.641	0.618	0.618	0.573	0.534	0.592	0.596	6.45
4)	C	Vinyl Chloride	0.669	0.605	0.635	0.616	0.567	0.636	0.621	5.54#
5)	T	Bromomethane	0.462	0.476	0.423	0.398	0.372	0.380	0.418	10.30
6)	T	Chloroethane	0.412	0.395	0.410	0.392	0.367	0.407	0.397	4.21
7)	T	Trichlorofluorome	0.843	0.794	0.825	0.786	0.727	0.795	0.795	5.01
8)	T	Diethyl Ether	0.361	0.325	0.337	0.326	0.315	0.350	0.336	5.10
9)	T	1,1,2-Trichlorotr	0.522	0.510	0.516	0.508	0.465	0.516	0.506	4.09
10)	T	Methyl Iodide	0.651	0.570	0.689	0.704	0.664	0.729	0.668	8.28
11)	T	Tert butyl alcoho	0.110	0.114	0.080	0.065	0.062	0.067	0.083	28.22
12)	CM	1,1-Dichloroethen	0.544	0.555	0.539	0.520	0.486	0.541	0.531	4.67#
13)	T	Acrolein	0.055	0.051	0.052	0.037	0.038	0.040	0.045	17.62
14)	T	Allyl chloride	0.951	0.940	0.945	0.931	0.889	1.024	0.947	4.62
15)	T	Acrylonitrile	0.177	0.163	0.166	0.168	0.169	0.188	0.172	5.26
16)	T	Acetone	0.178	0.196	0.142	0.148	0.134	0.143	0.157	15.60
17)	T	Carbon Disulfide	1.767	1.638	1.735	1.629	1.526	1.723	1.670	5.34
18)	T	Methyl Acetate	0.466	0.512	0.428	0.426	0.437	0.483	0.459	7.52
19)	T	Methyl tert-butyl	1.596	1.480	1.544	1.524	1.497	1.686	1.554	4.90
20)	T	Methylene Chlorid	1.032	1.314	0.781	0.651	0.596	0.656	0.838	33.49
21)	T	trans-1,2-Dichlor	0.631	0.623	0.632	0.603	0.567	0.644	0.617	4.54
22)	T	Diisopropyl ether	2.012	1.893	1.962	1.955	1.958	2.283	2.010	6.89
23)	T	Vinyl Acetate	1.320	1.141	1.281	1.287	1.309	1.492	1.305	8.60
24)	P	1,1-Dichloroethan	1.056	1.039	1.079	1.040	1.001	1.144	1.060	4.57
25)	T	2-Butanone	0.247	0.238	0.224	0.229	0.231	0.250	0.237	4.42
26)	T	2,2-Dichloropropa	0.990	1.027	0.934	0.900	0.852	0.959	0.944	6.65
27)	T	cis-1,2-Dichloroe	0.697	0.684	0.700	0.676	0.646	0.731	0.689	4.09
28)	T	Bromochloromethan	0.396	0.385	0.384	0.448	0.485	0.524	0.437	13.37
29)	T	Tetrahydrofuran	0.159	0.142	0.146	0.150	0.156	0.171	0.154	6.77
30)	C	Chloroform	1.067	1.034	1.038	1.000	0.983	1.110	1.039	4.42#
31)	T	Cyclohexane	1.107	1.180	1.050	0.994	0.936	1.045	1.052	8.09
32)	T	1,1,1-Trichloroet	0.915	0.869	0.863	0.864	0.824	0.927	0.877	4.36
33)	S	1,2-Dichloroethan	0.538	0.526	0.518	0.558	0.526	0.599	0.544	5.53
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorometh	0.314	0.282	0.304	0.289	0.270	0.301	0.293	5.43
36)	T	1,1-Dichloroprope	0.505	0.482	0.481	0.457	0.434	0.475	0.472	5.12
37)	T	Ethyl Acetate	0.311	0.262	0.289	0.281	0.281	0.308	0.289	6.46
38)	T	Carbon Tetrachlor	0.434	0.430	0.427	0.414	0.392	0.428	0.421	3.71
39)	T	Methylcyclohexane	0.653	0.606	0.617	0.594	0.553	0.607	0.605	5.36
40)	TM	Benzene	1.469	1.418	1.452	1.378	1.329	1.452	1.416	3.77
41)	T	Methacrylonitrile	0.126	0.144	0.190	0.138	0.153	0.143	0.149	14.69
42)	TM	1,2-Dichloroethan	0.409	0.390	0.400	0.386	0.379	0.410	0.396	3.15
43)	T	Isopropyl Acetate	0.588	0.514	0.553	0.557	0.556	0.600	0.561	5.38
44)	TM	Trichloroethene	0.376	0.379	0.379	0.349	0.334	0.364	0.363	5.08
45)	C	1,2-Dichloropropa	0.374	0.354	0.356	0.351	0.340	0.373	0.358	3.72#
46)	T	Dibromomethane	0.200	0.192	0.194	0.186	0.182	0.198	0.192	3.51
47)	T	Bromodichlorometh	0.473	0.451	0.460	0.445	0.442	0.486	0.460	3.71
48)	T	Methyl methacryla	0.271	0.229	0.250	0.249	0.255	0.277	0.255	6.70
49)	T	1,4-Dioxane	0.003	0.002	0.003	0.003	0.003	0.003	0.003	8.16
50)	S	Toluene-d8	1.099	1.178	1.049	1.180	1.106	1.229	1.140	5.84
51)	T	4-Methyl-2-Pentan	0.302	0.269	0.280	0.283	0.290	0.310	0.289	5.14
52)	CM	Toluene	0.934	0.898	0.909	0.874	0.841	0.931	0.898	3.98#

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\
Method File : 82Y012120S.M
Title : SW846 8260
Last Update : Tue Jan 21 16:48:50 2020
Response Via : Initial Calibration

Calibration Files
10 =VY001321.D 5 =VY001320.D 20 =VY001322.D
50 =VY001323.D 100 =VY001324.D 150 =VY001325.D

		Compound	10	5	20	50	100	150	Avg	%RSD
53)	T	t-1,3-Dichloropro	0.517	0.479	0.503	0.507	0.499	0.551	0.509	4.72
54)	T	cis-1,3-Dichlorop	0.607	0.562	0.585	0.572	0.564	0.617	0.585	3.89
55)	T	1,1,2-Trichloroet	0.300	0.270	0.281	0.280	0.274	0.297	0.284	4.30
56)	T	Ethyl methacrylat	0.434	0.396	0.417	0.424	0.434	0.467	0.429	5.48
57)	T	1,3-Dichloropropa	0.514	0.476	0.494	0.485	0.480	0.517	0.494	3.57
58)	T	2-Chloroethyl Vin	0.158	0.174	0.149	0.126	0.137	0.147	0.148	11.24
59)	T	2-Hexanone	0.209	0.183	0.193	0.202	0.206	0.215	0.201	5.84
60)	T	Dibromochlorometh	0.332	0.300	0.317	0.311	0.310	0.335	0.317	4.21
61)	T	1,2-Dibromoethane	0.281	0.252	0.264	0.266	0.263	0.283	0.268	4.36
62)	S	4-Bromofluorobenz	0.488	0.429	0.470	0.450	0.424	0.463	0.454	5.41
63)	I	Chlorobenzene-d5	----------	----------	ISTD	----------	----------	----------	----------	----------
64)	T	Tetrachloroethene	0.344	0.348	0.326	0.305	0.286	0.307	0.319	7.59
65)	PM	Chlorobenzene	1.119	1.074	1.068	1.020	0.973	1.070	1.054	4.80
66)	T	1,1,1,2-Tetrachlo	0.382	0.353	0.365	0.354	0.339	0.365	0.360	4.03
67)	C	Ethyl Benzene	2.042	1.992	2.003	1.889	1.775	1.952	1.942	4.98#
68)	T	m/p-Xylenes	0.763	0.737	0.747	0.710	0.668	0.728	0.725	4.61
69)	T	o-Xylene	0.727	0.713	0.711	0.682	0.647	0.706	0.698	4.13
70)	T	Styrene	1.256	1.214	1.241	1.199	1.162	1.275	1.224	3.36
71)	P	Bromoform	0.219	0.207	0.214	0.211	0.212	0.225	0.215	2.98
72)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------	----------	----------	----------
73)	T	Isopropylbenzene	4.120	3.941	3.921	3.858	3.711	4.121	3.945	4.00
74)	T	N-amyl acetate	1.298	1.194	1.243	1.280	1.311	1.423	1.291	5.98
75)	P	1,1,2,2-Tetrachlo	0.865	0.814	0.810	0.840	0.840	0.901	0.845	3.99
76)	T	1,2,3-Trichloropr	0.683	0.603	0.509	0.595	0.629	0.595	0.603	9.37
77)	T	Bromobenzene	0.924	0.894	0.874	0.854	0.816	0.881	0.874	4.17
78)	T	n-propylbenzene	4.961	4.714	4.761	4.691	4.444	4.922	4.749	3.91
79)	T	2-Chlorotoluene	2.787	2.755	2.693	2.646	2.567	2.829	2.713	3.57
80)	T	1,3,5-Trimethylbe	3.458	3.316	3.282	3.242	3.084	3.377	3.293	3.87
81)	T	trans-1,4-Dichlor	0.318	0.289	0.305	0.313	0.325	0.362	0.318	7.72
82)	T	4-Chlorotoluene	2.980	2.910	2.853	2.833	2.758	3.052	2.898	3.67
83)	T	tert-Butylbenzene	2.888	2.834	2.782	2.754	2.607	2.792	2.776	3.42
84)	T	1,2,4-Trimethylbe	3.489	3.397	3.301	3.218	3.078	3.355	3.306	4.36
85)	T	sec-Butylbenzene	4.111	3.969	3.960	3.958	3.680	3.988	3.944	3.60
86)	T	p-Isopropyltoluen	3.706	3.504	3.559	3.427	3.197	3.460	3.476	4.84
87)	T	1,3-Dichlorobenze	1.774	1.761	1.715	1.654	1.532	1.662	1.683	5.28
88)	T	1,4-Dichlorobenze	1.832	1.761	1.722	1.657	1.579	1.701	1.709	5.09
89)	T	n-Butylbenzene	3.634	3.536	3.554	3.439	3.267	3.559	3.498	3.70
90)	T	Hexachloroethane	0.679	0.630	0.675	0.663	0.623	0.684	0.659	4.00
91)	T	1,2-Dichlorobenze	1.637	1.554	1.565	1.527	1.450	1.580	1.552	4.00
92)	T	1,2-Dibromo-3-Chl	0.158	0.148	0.140	0.140	0.140	0.149	0.146	5.10
93)	T	1,2,4-Trichlorobe	1.118	1.138	1.051	0.985	0.942	1.016	1.042	7.31
94)	T	Hexachlorobutadie	0.549	0.561	0.533	0.488	0.440	0.473	0.507	9.44
95)	T	Naphthalene	2.513	2.459	2.326	2.286	2.280	2.428	2.382	4.11
96)	T	1,2,3-Trichlorobe	0.971	0.977	0.915	0.872	0.850	0.897	0.914	5.66

(#) = Out of Range