Response Factor Report MSVOA_W

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\
Method File : SOM2WLM082420S.M
Title : VOC Analysis
Last Update : Mon Aug 24 12:54:36 2020
Response Via : Initial Calibration

Calibration Files
2.5 =VW016321.D 5 =VW016322.D 25 =VW016323.D
50 =VW016324.D 100 =VW016325.D

		Compound	2.5	5	25	50	100	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.291	0.275	0.254	0.271	0.284	0.275	5.10
3)	T	Chloromethane	0.236	0.218	0.186	0.207	0.226	0.214	9.00
4)	S	Vinyl Chloride-d3	0.315	0.304	0.250	0.229	0.238	0.267	14.83
5)	T	Vinyl chloride	0.316	0.299	0.271	0.288	0.287	0.292	5.68
6)	T	Bromomethane	0.197	0.197	0.180	0.192	0.189	0.191	3.62
7)	S	Chloroethane-d5	0.209	0.226	0.196	0.189	0.193	0.203	7.48
8)	T	Chloroethane	0.161	0.165	0.156	0.167	0.166	0.163	2.81
9)	T	Trichlorofluorometh	0.318	0.289	0.300	0.341	0.333	0.316	6.93
10)	S	1,1-Dichloroethene-	0.701	0.656	0.612	0.596	0.606	0.634	6.93
11)	T	1,1,2-Trichloro-1,2	0.344	0.344	0.331	0.357	0.350	0.345	2.67
12)	T	1,1-Dichloroethene	0.350	0.323	0.312	0.339	0.336	0.332	4.41
13)	T	Acetone	0.068	0.063	0.061	0.066	0.058	0.063	6.56
14)	T	Carbon disulfide	1.043	1.001	0.914	0.992	0.970	0.984	4.80
15)	T	Methyl Acetate	0.118	0.121	0.130	0.140	0.125	0.127	6.80
16)	T	Methylene chloride	0.753	0.531	0.351	0.347	0.328	0.462	39.39
17)	T	Methyl tert-butyl E	0.474	0.464	0.482	0.525	0.483	0.485	4.81
18)	T	trans-1,2-Dichloroe	0.359	0.352	0.327	0.359	0.347	0.349	3.74
19)	T	1,1-Dichloroethane	0.599	0.567	0.547	0.589	0.569	0.574	3.54
20)	S	2-Butanone-d5	0.076	0.072	0.078	0.079	0.074	0.076	4.03
21)		2-Butanone	0.100	0.080	0.088	0.097	0.084	0.090	9.46
22)	T	cis-1,2-Dichloroeth	0.365	0.360	0.351	0.385	0.371	0.367	3.47
23)	T	Bromochloromethane	0.173	0.162	0.162	0.176	0.166	0.168	3.76
24)	S	Chloroform-d	0.684	0.658	0.653	0.635	0.628	0.652	3.37
25)	T	Chloroform	0.631	0.608	0.598	0.640	0.616	0.619	2.75
26)	S	1,2-Dichloroethane-	0.343	0.339	0.348	0.330	0.319	0.336	3.42
27)	T	1,2-Dichloroethane	0.391	0.385	0.378	0.406	0.377	0.387	3.08
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	S	Benzene-d6	1.478	1.408	1.404	1.373	1.317	1.396	4.19
30)	T	Cyclohexane	0.525	0.520	0.522	0.584	0.550	0.540	5.01
31)	T	1,1,1-Trichloroetha	0.620	0.592	0.576	0.628	0.589	0.601	3.67
32)	T	Carbon tetrachlorid	0.585	0.564	0.543	0.600	0.563	0.571	3.88
33)	S	1,2-Dichloropropane	0.396	0.388	0.395	0.383	0.370	0.386	2.70
34)	T	Benzene	1.475	1.423	1.387	1.502	1.384	1.434	3.68
35)	T	Trichloroethene	0.419	0.407	0.386	0.423	0.395	0.406	3.88
36)	T	Methylcyclohexane	0.667	0.644	0.643	0.702	0.658	0.663	3.63
37)	S	Toluene-d8	1.346	1.316	1.344	1.311	1.266	1.317	2.47
38)	S	trans-1,3-Dichlorop	0.182	0.176	0.198	0.192	0.184	0.186	4.64
39)	S	2-Hexanone-d5	0.059	0.061	0.064	0.065	0.061	0.062	4.09
40)	T	1,2-Dichloropropane	0.347	0.336	0.326	0.351	0.326	0.337	3.49
41)	T	Bromodichloromethan	0.471	0.453	0.473	0.514	0.477	0.478	4.69
42)	T	cis-1,3-Dichloropro	0.521	0.512	0.551	0.608	0.569	0.552	7.00
43)	T	4-Methyl-2-pentanon	0.205	0.189	0.200	0.222	0.192	0.202	6.52
44)	T	Toluene	1.553	1.555	1.531	1.651	1.518	1.562	3.35
45)	T	trans-1,3-Dichlorop	0.443	0.457	0.497	0.545	0.499	0.488	8.27
46)	T	1,1,2-Trichloroetha	0.276	0.275	0.274	0.298	0.268	0.278	4.11
47)	T	Tetrachloroethene	0.345	0.326	0.307	0.323	0.299	0.320	5.63
48)	S	1,1,2,2-Tetrachloro	0.313	0.308	0.346	0.336	0.304	0.321	5.73
49)	T	2-Hexanone	0.113	0.117	0.133	0.154	0.136	0.131	12.51
50)	T	Dibromochloromethan	0.335	0.330	0.344	0.376	0.349	0.347	5.14
51)	T	1,2-Dibromoethane	0.271	0.262	0.269	0.293	0.266	0.272	4.43
52)	T	Chlorobenzene	1.071	1.044	1.006	1.079	1.016	1.043	3.10

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		Compound	2.5	5	25	50	100	Avg	%RSD
53)	T	Ethylbenzene	1.787	1.760	1.764	1.895	1.770	1.795	3.15
54)	T	m,p-Xylene	0.700	0.659	0.681	0.731	0.679	0.690	3.95
55)	T	o-xylene	0.643	0.618	0.640	0.693	0.647	0.648	4.22
56)	T	Styrene	1.009	1.059	1.107	1.188	1.091	1.091	6.06
57)	T	Isopropylbenzene	1.771	1.750	1.779	1.925	1.797	1.804	3.87
58)	T	1,1,2,2-Tetrachloro	0.319	0.321	0.325	0.348	0.310	0.325	4.44
59)		1,2,3-Trichloroprop	0.236	0.237	0.241	0.260	0.228	0.241	4.87
60)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------	----------	
61)	S	1,2-Dichlorobenzene	0.990	0.934	1.002	0.950	0.917	0.959	3.81
62)	T	Bromoform	0.389	0.386	0.394	0.448	0.414	0.406	6.38
63)	T	1,3-Dichlorobenzene	1.731	1.655	1.612	1.753	1.674	1.685	3.40
64)	T	1,4-Dichlorobenzene	1.774	1.721	1.626	1.746	1.667	1.707	3.51
65)	T	1,2-Dichlorobenzene	1.542	1.478	1.455	1.564	1.483	1.504	3.06
66)	T	1,2-Dibromo-3-chlor	0.115	0.108	0.118	0.131	0.120	0.118	7.12
67)		1,3,5-Trichlorobenz	1.187	1.142	1.149	1.204	1.132	1.163	2.67
68)	T	1,2,4-trichlorobenz	0.859	0.843	0.967	0.976	0.970	0.923	7.18
69)		Naphthalene	1.416	1.462	2.000	2.165	2.023	1.813	19.19
70)	T	1,2,3-Trichlorobenz	0.786	0.765	0.843	0.841	0.823	0.812	4.25

(#) = Out of Range