Response Factor Report MSVOA_V

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
Method File : SOMVLM101119WMA.M
Title : VOC Analysis
Last Update : Sat Oct 12 00:57:19 2019
Response Via : Initial Calibration

Calibration Files
5 =VV013106.D 10 =VV013107.D 50 =VV013108.D
100 =VV013109.D 200 =VV013110.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoromet	0.478	0.357	0.384	0.383	0.338	0.388	13.86
3)	T	Chloromethane	0.532	0.401	0.439	0.450	0.385	0.441	12.98
4)	S	Vinyl Chloride-d3	0.293	0.320	0.340	0.333	0.295	0.316	6.86
5)	T	Vinyl chloride	0.513	0.382	0.424	0.425	0.376	0.424	12.88
6)	T	Bromomethane	0.286	0.201	0.195	0.266	0.137	0.217	27.49
7)	S	Chloroethane-d5	0.223	0.273	0.280	0.280	0.240	0.259	10.19
8)	T	Chloroethane	0.289	0.237	0.256	0.257	0.222	0.252	9.94
9)	T	Trichlorofluorometh	0.655	0.505	0.548	0.536	0.476	0.544	12.49
10)	T	1,1,2-Trichloro-1,2	0.380	0.303	0.325	0.314	0.280	0.320	11.58
11)	S	1,1-Dichloroethene-	0.603	0.594	0.623	0.613	0.547	0.596	4.95
12)	T	1,1-Dichloroethene	0.370	0.281	0.312	0.311	0.277	0.310	12.01
13)	T	Acetone	0.281	0.202	0.216	0.214	0.177	0.218	17.70
14)	T	Carbon disulfide	1.088	0.796	0.891	0.907	0.815	0.899	12.86
15)	T	Methyl Acetate	0.430	0.357	0.389	0.400	0.358	0.387	7.87
16)	T	Methylene chloride	0.441	0.336	0.368	0.371	0.328	0.369	12.09
17)	T	trans-1,2-Dichloroe	0.387	0.303	0.342	0.342	0.309	0.336	9.99
18)	T	Methyl tert-butyl E	1.123	0.900	1.019	1.071	0.964	1.015	8.64
19)	T	1,1-Dichloroethane	0.734	0.571	0.641	0.650	0.577	0.635	10.44
20)	T	cis-1,2-Dichloroeth	0.434	0.343	0.383	0.390	0.354	0.381	9.38
21)	S	2-Butanone-d5	0.190	0.224	0.258	0.272	0.243	0.238	13.44
22)	T	2-Butanone	0.277	0.237	0.296	0.311	0.267	0.278	10.26
23)	T	Bromochloromethane	0.225	0.174	0.194	0.197	0.178	0.193	10.39
24)	S	Chloroform-d	0.559	0.611	0.653	0.645	0.575	0.608	6.82
25)	T	Chloroform	0.756	0.579	0.641	0.645	0.576	0.639	11.40
26)	S	1,2-Dichloroethane-	0.345	0.373	0.404	0.397	0.356	0.375	6.78
27)	T	1,2-Dichloroethane	0.564	0.448	0.500	0.499	0.440	0.490	10.15
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.649	0.516	0.628	0.626	0.574	0.599	9.03
30)	T	1,1,1-Trichloroetha	0.642	0.500	0.564	0.561	0.507	0.555	10.22
31)	T	Carbon tetrachlorid	0.575	0.436	0.501	0.497	0.456	0.493	10.89
32)	S	Benzene-d6	1.205	1.333	1.461	1.410	1.261	1.334	7.83
33)	T	Benzene	1.743	1.372	1.572	1.553	1.375	1.523	10.18
34)	T	Trichloroethene	0.479	0.372	0.406	0.404	0.366	0.405	11.07
35)	T	Methylcyclohexane	0.668	0.522	0.642	0.645	0.590	0.613	9.55
36)	S	1,2-Dichloropropane	0.376	0.412	0.456	0.445	0.401	0.418	7.80
37)	T	1,2-Dichloropropane	0.443	0.358	0.406	0.403	0.361	0.394	9.00
38)	T	Bromodichloromethan	0.565	0.449	0.512	0.514	0.469	0.502	8.95
39)	T	cis-1,3-Dichloropro	0.608	0.469	0.614	0.636	0.589	0.583	11.31
40)	T	4-Methyl-2-pentanon	0.507	0.433	0.545	0.581	0.516	0.516	10.67
41)	S	Toluene-d8	1.055	1.148	1.315	1.293	1.158	1.194	9.13
42)	T	Toluene	1.705	1.374	1.658	1.646	1.456	1.568	9.20
43)	S	trans-1,3-Dichlorop	0.166	0.175	0.204	0.208	0.194	0.189	9.55
44)	T	trans-1,3-Dichlorop	0.510	0.427	0.526	0.553	0.513	0.506	9.33
45)	T	1,1,2-Trichloroetha	0.431	0.334	0.384	0.384	0.339	0.374	10.61
46)	T	Tetrachloroethene	0.372	0.286	0.326	0.324	0.297	0.321	10.43
47)	S	2-Hexanone-d5	0.110	0.133	0.186	0.211	0.191	0.166	25.61
48)	T	2-Hexanone	0.395	0.326	0.424	0.456	0.394	0.399	12.08
49)	T	Dibromochloromethan	0.442	0.353	0.418	0.433	0.393	0.408	8.77
50)	T	1,2-Dibromoethane	0.438	0.340	0.398	0.412	0.370	0.391	9.67
51)	T	Chlorobenzene	1.174	0.922	1.041	1.055	0.949	1.028	9.70
52)	T	Ethylbenzene	1.760	1.412	1.771	1.809	1.621	1.675	9.75

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		Compound	5	10	50	100	200	Avg	%RSD
53)	T	m,p-Xylene	0.629	0.515	0.676	0.699	0.631	0.630	11.26
54)	T	o-xylene	0.651	0.517	0.670	0.693	0.625	0.631	10.83
55)	T	Styrene	1.002	0.821	1.120	1.174	1.066	1.037	13.16
56)	T	Isopropylbenzene	1.629	1.336	1.736	1.794	1.609	1.621	10.89
57)	S	1,1,2,2-Tetrachloro	0.464	0.520	0.589	0.591	0.532	0.539	9.82
58)	T	1,1,2,2-Tetrachloro	0.581	0.478	0.564	0.580	0.518	0.544	8.23
59)		1,2,3-Trichloroprop	0.540	0.428	0.491	0.501	0.440	0.480	9.64
60)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
61)	T	Bromoform	0.696	0.564	0.637	0.647	0.603	0.629	7.84
62)	T	1,3-Dichlorobenzene	1.871	1.468	1.624	1.632	1.489	1.617	9.94
63)	T	1,4-Dichlorobenzene	1.920	1.460	1.622	1.629	1.487	1.624	11.25
64)	S	1,2-Dichlorobenzene	0.913	0.989	1.042	1.022	0.932	0.980	5.71
65)	T	1,2-Dichlorobenzene	1.926	1.520	1.646	1.649	1.490	1.646	10.46
66)	T	1,2-Dibromo-3-chlor	0.247	0.214	0.241	0.257	0.238	0.239	6.59
67)		1,3,5-Trichlorobenz	1.285	0.999	1.154	1.209	1.119	1.153	9.26
68)	T	1,2,4-trichlorobenz	1.011	0.783	0.991	1.096	1.065	0.989	12.40
69)		Naphthalene	2.342	1.870	2.935	3.311	3.165	2.725	22.16
70)	T	1,2,3-Trichlorobenz	1.110	0.860	1.087	1.141	1.092	1.058	10.67

(#) = Out of Range